Administration guide

Large Format Systems

Connectivity information for Windows® environment

A CANON COMPANY

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Chapter 1
Introduction

History of the document

Introduction

The table below lists the history of the Océ Connectivity Manual for Microsoft Windows from its version 2012-10.

Version	Topic	What's new?
2016-03	Printers	Support of new printers: • Océ ColorWave 900 • Océ PlotWave 345/355 • Océ PlotWave 450/550
	Operating systems	Support of Windows 10 Removal of Windows XP and Windows Server 2003
	Printer drivers	Support of printer driver versions: • Océ WPD2 v2.12 and v2.12.1 • Océ PS3 v1.25, v1.26 and v1.27
2015-07	Printers	Support of new printers: • Océ ColorWave 810/910
2015-02	Printers	Support of new printers: • Océ ColorWave 500 • Océ ColorWave 700
	Printer drivers	Support of printer driver versions: • Océ WPD2 v2.11 • Océ PS3 v1.24
2014-06	Printers	Support of new printer: • Océ PlotWave 500
	Printer drivers	Support of printer driver versions: • Océ WPD2 v2.10 • Océ PS3 v1.23
2014-02	Printers	Support of new printer versions: • Océ ColorWave 550 **R3** • Océ PlotWave 340/360 **R1.1**
	Operating system	Support of Windows 8.1 and Windows Server 2012 R2
	Printer drivers	Support of Océ WPD2 v2.8 and v2.9
	General	New website URLs for downloads and for support information.
2013-08	Printers	Support of new printers: • Océ PlotWave 340/360 • Océ PlotWave 750 Support of new printer versions: • Océ ColorWave 650 **R3** • Océ PlotWave 900 **R2**

Version	Topic	What's new?
2013-04	Operating system	Support of Windows 8 and Windows Server 2012
	Printer drivers	Support of Océ WPD2 v2.4 and v2.5
2012-10	Document structure	New organization of the Connectivity Manual. This manual is now dedicated to Windows OS only.

Introduction for the reader

Introduction

The Océ LF Systems Connectivity information for Windows® environment manual applies to the next environments:

- Windows Vista
- Windows Server 2008
- Windows Server 2008 R2
- Windows 7
- Windows 8
- Windows Server 2012
- windows 8.1
- Windows Server 2012 R2
- Windows 10

It describes the configuration procedures for printing in a Windows TCP/IP environment:

- How to setup the Océ TDS/TCS controller.
- How to setup the Océ ColorWave/PlotWave controller.
- How to install a dedicated Print Server and a client workstation in order to work in a Client/Server configuration.
- How to configure the client workstation in a Peer to peer configuration.
- How to print using the FTP protocol.
- How to print from the Cloud.

The first chapter gives an introduction to the protocols, connections and printing solutions for the Océ Large Format Printing Systems.

Then, according to the printing configuration you want to define, consult the proper chapter.

Scan-to-File to a Windows computer

From your printing system, you can also scan a file and send it to a Windows workstation.

Refer to the Océ LF Systems Connectivity Manual for Scan-to-File.

List of abbreviations

Abbreviation	Full expression
ColorWave 6x0	Océ ColorWave 600, Océ ColorWave 600PP, Océ ColorWave 650, and Océ ColorWave 650PP
CW	ColorWave
LAN	Local Area Network
PlotWave 3x0	Océ PlotWave 300, Océ PlotWave 340, Océ PlotWave 350 and Océ PlotWave 360
PS3	Océ printer driver for Adobe® PostScript® 3™ - also known as Océ PostScript® 3™ driver
PW	PlotWave
TCS	Technical Colour System
TDS	Technical Document System
TDS3x0	Océ TDS300 and Océ TDS320

Abbreviation	Full expression
TDS4x0	Océ TDS400 and Océ TDS450
TDS7x0	Océ TDS700 and Océ TDS750
TDS8x0	Océ TDS800 and Océ TDS860
WPD	Océ printer driver for Windows® - also known as Océ Windows® Printer Driver
WPD2	Océ printer driver 2 for Windows® - also known as Océ Wide format Printer Driver 2 for Microsoft® Windows®

Supported transport and printing protocols

The Océ Wide Format Printing Systems support the following transport and printing protocols:

Océ system	Transport protocols	Printing protocols
Océ TDS (all) Océ TCS (all)	• TCP/IP • IPX/SPX	• LPD • FTP • Pserver (Bindery and NDS)
Océ ColorWave (all) Océ PlotWave (all)	• TCP/IP	• LPR • FTP For Océ PlotWave 340/345/360/365/450/500/550 and Océ ColorWave 500/700: • LPR • FTP (including print from external FTP server) • SMB: only print from external SMB server

Supported SMB protocol: SMB1, SMB2, SMB3

When you scan to a remote destination or print from an external location (some products), you use a SMB protocol. Dependent of the printer and the printer version, different SMB protocols (SMB1, SMB2, or SMB3) can be used.

In the table below you can see the SMB protocol that is supported by each system. Each supported version of SMB protocol is indicated with the 'X' sign.

Product	SMB used for	SMB1	SMB2	SMB3
TDS/TCS/TC4 PW300/PW350/CW300/CW650	Scan-to-file	X		
PW750/PW900R2/CW650R3	Scan-to-file	X	X	
PW340/PW360/PW500	Scan-to-file SMB printing	X	X	
CW500/CW700 PW345/PW365/PW450/PW550	Scan-to-file SMB printing	X	X	X

Compatibility tables

Compatibility matrix of the printer drivers

Supported drivers

You can use the Océ WPD2, WPD or PS3 printer driver with the Océ TDS, TCS, Océ ColorWave or Océ PlotWave printers.

Use the next compatibility tables to know which printer driver to install:
- on a Windows Vista / 7 operating system
- on a Windows 8 / 8.1 / 10 operating system
- on a Windows Server 2008 / Server 2008 R2 operating system
- on a Windows Server 2012 / Server 2012 R2 operating system

Supported drivers - Compatibility matrix for Windows Vista/7 operating systems

Printer	**Windows Vista / 7 + Terminal Server, Citrix Presentation Server/XenApp for 32-bits systems**
Remark	**Full support of Windows 7 from WPD 1.18 and PS3 1.16**
Océ TCS300	**WPD, PS3**
Océ TCS400	**WPD, PS3**
Océ TCS500	**WPD, PS3**
Océ TDS300	**WPD, PS3**
Océ TDS320	**WPD, PS3**
Océ TDS400	**WPD, PS3**
Océ TDS450	**WPD, PS3**
Océ TDS600	**WPD, PS3**
Océ TDS700	**WPD, PS3, WPD2**(from 2.8)
Océ TDS750	**WPD** (from 1.19), **PS3** (from 1.17), **WPD2** (from 2.8)
Océ TDS800	**WPD, PS3**
Océ TDS860	**WPD, PS3**
Océ ColorWave 300	**WPD** (from 1.18), **PS3** (from 1.16), **WPD2** (from 2.3)
Océ ColorWave 500	**WPD2** (from 2.11) **PS3** (from 1.24)
Océ ColorWave 550	**WPD** (from 1.22), **PS3** (from 1.20), **WPD2** (from 2.4)
Océ ColorWave 600	**WPD**, **PS3**, **WPD2** (from 2.4)
Océ ColorWave 600PP	**WPD** (from 1.19), **PS3** (from 1.17), **WPD2** (from 2.7)
Océ ColorWave 650	**WPD** (from 1.20), **PS3** (from 1.18), **WPD2** (from 2.4)
Océ ColorWave 650PP	**WPD** (from 1.21), **PS3** (from 1.19), **WPD2** (from 2.7)
Océ ColorWave 700	**WPD2** (from 2.11) **PS3** (from 1.24)
Océ ColorWave 810	**PS3** (from 1.25)

Printer	Windows Vista / 7 + Terminal Server, Citrix Presentation Server/XenApp for 32-bits systems
Remark	**Full support of Windows 7 from WPD 1.18 and PS3 1.16**
Océ ColorWave 900	**PS3** (from 1.26)
Océ ColorWave 910	**PS3** (from 1.25)
Océ PlotWave 300	**WPD**, **PS3**, **WPD2** (from 2.3)
Océ PlotWave 340	**WPD2** (from 2.7) **PS3** (from 1.22)
Océ PlotWave 345	**WPD2** (from 2.12) **PS3** (from 1.27)
Océ PlotWave 350	**WPD2** **WPD** (from 1.20), **PS3** (from 1.18)
Océ PlotWave 360	**WPD2** (from 2.7) **PS3** (from 1.22)
Océ PlotWave 365	**WPD2** (from 2.12) **PS3** (from 1.27)
Océ PlotWave 450	**WPD2** (from 2.12) **PS3** (from 1.27)
Océ PlotWave 500	**WPD2** (from 2.10) **PS3** (from 1.23)
Océ PlotWave 550	**WPD2** (from 2.12) **PS3** (from 1.27)
Océ PlotWave 750	**WPD2** (from 2.7) **PS3** (from 1.22)
Océ PlotWave 900	**WPD** (from 1.20), **PS3** (from 1.18)

Supported drivers - Compatibility matrix for Windows 8/ 8.1/ 10 operating systems

Printer	Windows 8 / 8.1 / 10
Remark	**Full support of Windows 8.1 from WPD2 v2.9 and PS3 1.23** **Full support of Windows 10 from WPD2 v2.12 and PS3 1.26**
Océ TCS300	**WPD2** (from 2.9) **PS3** (from 1.22)
Océ TCS400	**PS3** (from 1.22)
Océ TCS500	**WPD2** (from 2.9) **PS3** (from 1.22)
Océ TDS300	**PS3** (from 1.22)
Océ TDS320	**WPD2** (from 2.9) **PS3** (from 1.22)
Océ TDS400	**PS3** (from 1.22)
Océ TDS450	**WPD2** (from 2.9) **PS3** (from 1.22)

Printer	Windows 8 / 8.1 / 10
Remark	**Full support of Windows 8.1 from WPD2 v2.9 and PS3 1.23** **Full support of Windows 10 from WPD2 v2.12 and PS3 1.26**
Océ TDS600	**PS3** (from 1.22)
Océ TDS700	**WPD2** (from 2.8) **PS3** (from 1.22)
Océ TDS750	**WPD2** (from 2.8) **PS3** (from 1.22)
Océ TDS800	**WPD2** (from 2.11) **PS3** (from 1.22)
Océ TDS860	**WPD2** (from 2.11) **PS3** (from 1.22)
Océ ColorWave 300	**WPD2** (from 2.5) **PS3** (from 1.22)
Océ ColorWave 500	**WPD2** (from 2.11) **PS3** (from 1.24)
Océ ColorWave 550	**WPD2** (from 2.5) **PS3** (from 1.22)
Océ ColorWave 600	**WPD2** (from 2.5) **PS3** (from 1.22)
Océ ColorWave 600PP	**WPD2** (from 2.7) **PS3** (from 1.17)
Océ ColorWave 650	**WPD2** (from 2.5) **PS3** (from 1.22)
Océ ColorWave 650PP	**WPD2** (from 2.7) **PS3** (from 1.19)
Océ ColorWave 700	**WPD2** (from 2.11) **PS3** (from 1.24)
Océ ColorWave 810	**PS3** (from 1.25)
Océ ColorWave 900	**PS3** (from 1.26)
Océ ColorWave 910	**PS3** (from 1.25)
Océ PlotWave 300	**WPD2** (from 2.5) **PS3** (from 1.22)
Océ PlotWave 340	**WPD2** (from 2.7) **PS3** (from 1.22)
Océ PlotWave 345	**WPD2** (from 2.12) **PS3** (from 1.27)
Océ PlotWave 350	**WPD2** (from 2.5) **PS3** (from 1.22)
Océ PlotWave 360	**WPD2** (from 2.7) **PS3** (from 1.22)

Printer	Windows 8 / 8.1 / 10
Remark	**Full support of Windows 8.1 from WPD2 v2.9 and PS3 1.23** **Full support of Windows 10 from WPD2 v2.12 and PS3 1.26**
Océ PlotWave 365	**WPD2** (from 2.12) **PS3** (from 1.27)
Océ PlotWave 450	**WPD2** (from 2.12) **PS3** (from 1.27)
Océ PlotWave 500	**WPD2** (from 2.10) **PS3** (from 1.23)
Océ PlotWave 550	**WPD2** (from 2.12) **PS3** (from 1.27)
Océ PlotWave 750	**WPD2** (from 2.7) **PS3** (from 1.22)
Océ PlotWave 900	**WPD2** (from 2.11) **PS3** (from 1.22)

Supported drivers - Compatibility matrix for Windows Server 2008 / Server 2008 R2 operating systems

Printer	Windows Server 2008 / Server 2008 R2
Remark	**Full support of Windows Server 2008 from WPD 1.16.1** **Full support of Windows Server 2008 R2 from WPD 1.18 and PS3 1.16**
Océ TCS300	**WPD, PS3**
Océ TCS400	**WPD, PS3**
Océ TCS500	**WPD, PS3**
Océ TDS300	**WPD, PS3**
Océ TDS320	**WPD, PS3**
Océ TDS400	**WPD, PS3**
Océ TDS450	**WPD, PS3**
Océ TDS600	**WPD, PS3**
Océ TDS700	**WPD, PS3, WPD2**(from 2.8)
Océ TDS750	**WPD** (from 1.19), **PS3** (from 1.17), **WPD2** (from 2.8)
Océ TDS800	**WPD, PS3**
Océ TDS860	**WPD, PS3**
Océ ColorWave 300	**WPD** (from 1.18), **PS3** (from 1.16), **WPD2** (from 2.3)
Océ ColorWave 500	**WPD2** (from 2.11) **PS3** (from 1.24)
Océ ColorWave 550	**WPD** (from 1.22), **PS3** (from 1.20), **WPD2** (from 2.4)
Océ ColorWave 600	**WPD**, **PS3**, **WPD2** (from 2.4)
Océ ColorWave 600PP	**WPD** (from 1.19), **PS3** (from 1.17), **WPD2** (from 2.7)
Océ ColorWave 650	**WPD** (from 1.20), **PS3** (from 1.18), **WPD2** (from 2.4)

Printer	Windows Server 2008 / Server 2008 R2
Remark	**Full support of Windows Server 2008 from WPD 1.16.1** **Full support of Windows Server 2008 R2 from WPD 1.18 and PS3 1.16**
Océ ColorWave 650PP	**WPD** (from 1.21), **PS3** (from 1.19), **WPD2** (from 2.7)
Océ ColorWave 700	**WPD2** (from 2.11) **PS3** (from 1.24)
Océ ColorWave 810	**PS3** (from 1.25)
Océ ColorWave 900	**PS3** (from 1.26)
Océ ColorWave 910	**PS3** (from 1.25)
Océ PlotWave 300	**WPD**, **PS3**, **WPD2** (from 2.3)
Océ PlotWave 340	**WPD2** (from 2.7) **PS3** (from 1.22)
Océ PlotWave 345	**WPD2** (from 2.12) **PS3** (from 1.27)
Océ PlotWave 350	**WPD2** **WPD** (from 1.20), **PS3** (from 1.18)
Océ PlotWave 360	**WPD2** (from 2.7) **PS3** (from 1.22)
Océ PlotWave 365	**WPD2** (from 2.12) **PS3** (from 1.27)
Océ PlotWave 450	**WPD2** (from 2.12) **PS3** (from 1.27)
Océ PlotWave 500	**WPD2** (from 2.10) **PS3** (from 1.23)
Océ PlotWave 550	**WPD2** (from 2.12) **PS3** (from 1.27)
Océ PlotWave 750	**WPD2** (from 2.7) **PS3** (from 1.22)
Océ PlotWave 900	**WPD** (from 1.20), **PS3** (from 1.18)

Supported drivers - Compatibility matrix for Windows Server 2012 / Server 2012 R2 operating systems

Printer	Windows Server 2012 / Server 2012 R2 (64-bit operating systems)
Remark	**Full support of Windows Server 2012 R2 from WPD2 v2.9 and PS3 1.23**
Océ TCS300	**WPD2** (from 2.9) **PS3** (from 1.22)
Océ TCS400	**PS3** (from 1.22)
Océ TCS500	**WPD2** (from 2.9) **PS3** (from 1.22)
Océ TDS300	**PS3** (from 1.22)

Printer	Windows Server 2012 / Server 2012 R2 (64-bit operating systems)
Remark	**Full support of Windows Server 2012 R2 from WPD2 v2.9 and PS3 1.23**
Océ TDS320	**WPD2** (from 2.9) **PS3** (from 1.22)
Océ TDS400	**PS3** (from 1.22)
Océ TDS450	**WPD2** (from 2.9) **PS3** (from 1.22)
Océ TDS600	**PS3** (from 1.22)
Océ TDS700	**WPD2** (from 2.8) **PS3** (from 1.22)
Océ TDS750	**WPD2** (from 2.8) **PS3** (from 1.22)
Océ TDS800	**WPD2** (from 2.11) **PS3** (from 1.22)
Océ TDS860	**WPD2** (from 2.11) **PS3** (from 1.22)
Océ ColorWave 300	**WPD2** (from 2.5) **PS3** (from 1.22)
Océ ColorWave 500	**WPD2** (from 2.11) **PS3** (from 1.24)
Océ ColorWave 550	**WPD2** (from 2.5) **PS3** (from 1.22)
Océ ColorWave 600	**WPD2** (from 2.5) **PS3** (from 1.22)
Océ ColorWave 600PP	**WPD2** (from 2.7) **PS3** (from 1.17)
Océ ColorWave 650	**WPD2** (from 2.5) **PS3** (from 1.22)
Océ ColorWave 650PP	**WPD2** (from 2.7) **PS3** (from 1.19)
Océ ColorWave 700	**WPD2** (from 2.11) **PS3** (from 1.24)
Océ ColorWave 810	**PS3** (from 1.25)
Océ ColorWave 900	**PS3** (from 1.26)
Océ ColorWave 910	**PS3** (from 1.25)
Océ PlotWave 300	**WPD2** (from 2.5) **PS3** (from 1.22)
Océ PlotWave 340	**WPD2** (from 2.7) **PS3** (from 1.22)
Océ PlotWave 345	**WPD2** (from 2.12) **PS3** (from 1.27)

Printer	Windows Server 2012 / Server 2012 R2 (64-bit operating systems)
Remark	**Full support of Windows Server 2012 R2 from WPD2 v2.9 and PS3 1.23**
Océ PlotWave 350	**WPD2** (from 2.5) **PS3** (from 1.22)
Océ PlotWave 360	**WPD2** (from 2.7) **PS3** (from 1.22)
Océ PlotWave 365	**WPD2** (from 2.12) **PS3** (from 1.27)
Océ PlotWave 450	**WPD2** (from 2.12) **PS3** (from 1.27)
Océ PlotWave 500	**WPD2** (from 2.10) **PS3** (from 1.23)
Océ PlotWave 550	**WPD2** (from 2.12) **PS3** (from 1.27)
Océ PlotWave 750	**WPD2** (from 2.7) **PS3** (from 1.22)
Océ PlotWave 900	**WPD2** (from 2.11) **PS3** (from 1.22)

Printer discovery with Océ WPD/WPD2

At installation time, the Océ WPD and WPD2 printer drivers can automatically detect the printer(s) available on your network. This is the printer discovery.

A printer which is automatically detected with the printer discovery is called a 'detectable printer'.

In order to be detected, the printer must:
- be detectable (i.e. old versions of printer systems are not detectable and should be upgraded),
- be connected to the same sub-network as the one of the workstation on which you install the printer driver,
- be powered on,
- have the 'Ready' status.

Find below the lists of the detectable printers and the version from which they are detectable.
- Océ ColorWave 300
- Océ ColorWave 500 - R4.0.0
- Océ ColorWave 550 - R2.2.0
- Océ ColorWave 600 - R1.3.1
- Océ ColorWave 600PP - R1.4.1
- Océ ColorWave 650 - R2.0.0
- Océ ColorWave 650PP - R2.1.0
- Océ ColorWave 700 - R4.0.0

- Océ PlotWave 300 - R1.1.1
- Océ PlotWave 340 - R1.0.1
- Océ PlotWave 345
- Océ PlotWave 350
- Océ PlotWave 360 - R1.0.1
- Océ PlotWave 365
- Océ PlotWave 450

- Océ PlotWave 500
- Océ PlotWave 550
- Océ PlotWave 750 - R1.0.1
- Océ PlotWave 900

- Océ TCS300 - R1.8.2
- Océ TCS500 - R1.8.2

- Océ TDS320 - R1.0.13
- Océ TDS450 - R3.8.2
- Océ TDS600 - R4.1.13
- Océ TDS700 - R1.8.2
- Océ TDS750 - R1.2.2
- Océ TDS800 - R2.1.13
- Océ TDS860 - R1.0.13

Compatibility matrix of the printer controller applications

Introduction

The remote application software allows the configuration and the management of the printer controller. Depending on the printer model, the printer controller is accessible:

- from a remote application software (Océ Remote Logic or Océ Power Logic Remote),
- or from the Océ Express WebTools.

Printer controller remote applications

NOTE
The printer controller remote applications have not been tested in a Windows 10 environment. Consequently, Océ cannot guarantee their support on a Windows 10 operating system.

Printer controller remote applications - Compatibility matrix

Printer	Windows Vista	Windows Vista/ 7 Windows Server 2008/ 2008 R2	Windows 8 / 8.1 Windows Server 2012 / 2012 R2
	32bit only	32bit and 64bit	32bit and 64bit
Océ TCS400	Océ Remote Logic®	Océ Remote Logic® from v12.9.3	Océ Remote Logic® from v12.13.0.5
Océ TCS500	Océ Remote Logic®	Océ Remote Logic® from v12.9.3	Océ Remote Logic® from v12.13.0.5
Océ TDS300	Océ Remote Logic®	Océ Remote Logic® from v12.9.3	Océ Remote Logic® from v12.13.0.5
Océ TDS320	Océ Remote Logic®	Océ Remote Logic® from v12.9.3	Océ Remote Logic® from v12.13.0.5
Océ TDS400	Océ Remote Logic®	Océ Remote Logic® from v12.9.3	Océ Remote Logic® from v12.13.0.5
Océ TDS450	Océ Remote Logic®	Océ Remote Logic® from v12.9.3	Océ Remote Logic® from v12.13.0.5
Océ TDS600	Océ Remote Logic®	Océ Remote Logic® from v12.9.3	Océ Remote Logic® from v12.13.0.5
Océ TDS700	Océ Power Logic® Remote	Océ Power Logic® Remote from v1.4.3	Océ Power Logic® Remote from v1.10.0.0
Océ TDS750	Océ Power Logic® Remote from v1.7	Océ Power Logic® Remote from v1.7	Océ Power Logic® Remote from v1.10.0.0
Océ TC4 scanner	Océ Power Logic® Remote	Océ Power Logic® Remote from v1.4.3	Océ Power Logic® Remote from v1.10.0.0
Océ TDS800	Océ Remote Logic®	Océ Remote Logic® from v12.9.3	Océ Remote Logic® from v12.13.0.5
Océ TDS860	Océ Remote Logic®	Océ Remote Logic® from v12.9.3	Océ Remote Logic® from v12.13.0.5

Internet browsers compatibility matrix for Océ Express WebTools

For the Océ TCS300 and the Océ ColorWave and PlotWave printers, there is no remote application software.

The controller is accessible via the Océ Express WebTools. The Océ Express WebTools interface is accessible online, via an internet browser.

Océ Express WebTools - Internet browsers compatibility matrix

Printer	Internet Browser
Océ TCS300	- Internet Explorer 9 and higher - Mozilla FireFox 17 and higher - Google Chrome 22 and higher
Océ ColorWave 300	
Océ ColorWave 500	
Océ ColorWave 550	
Océ ColorWave 600	
Océ ColorWave 600PP	
Océ ColorWave 650	
Océ ColorWave 650PP	
Océ ColorWave 700	
Océ ColorWave 810	
Océ ColorWave 900	
Océ ColorWave 910	
Océ PlotWave 300	
Océ PlotWave 340	
Océ PlotWave 345	
Océ PlotWave 350	
Océ PlotWave 360	
Océ PlotWave 365	
Océ PlotWave 450	
Océ PlotWave 500	
Océ PlotWave 550	
Océ PlotWave 750	
Océ PlotWave 900	

Physical connections

With the Océ TDS/TCS systems, as well as with the Océ ColorWave/PlotWave systems, the following network boards are available:

- Standard: Ethernet (UTP) 10Mb/s, 100Mb/s and 1Gb/s with RJ45 connector

Network printing architectures

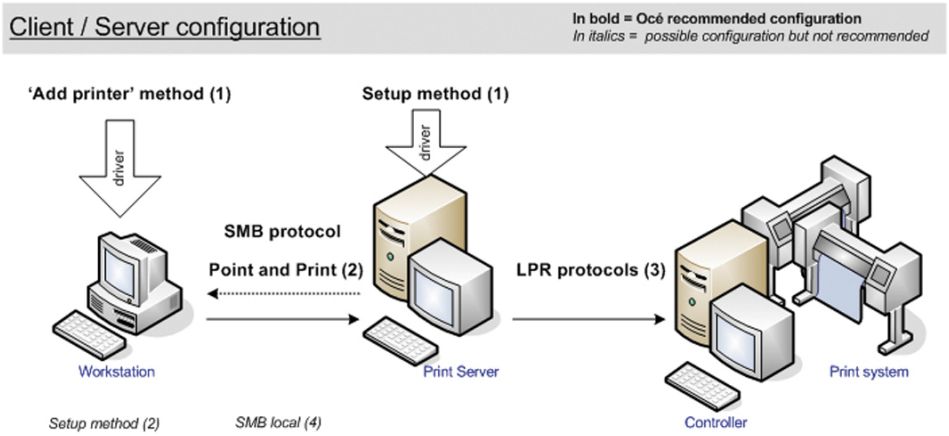
Client/Server configuration

Definition

In this configuration, the printing resources administration is centralised. The client workstation is connected to a Print Server linked to the print system (controller).

Recommended for large scale LANs.

Illustration



Attributes

Explanation of the above scheme:

- (1) is the method to apply for the driver installation (see the drivers User Manual).
- (2) SMB 'Point and Print' is the Océ recommended connection to the Print Server.
  Advantages:
  - No installation CD is necessary.
  - Important gain of time when upgrading the printer driver in large networks. The printer driver needs to be upgraded manually on the print server only, and the workstations drivers are then automatically upgraded.
  - The same version of the printer driver is available and used by all workstations users.
- (3) Océ recommended connection to the print system.
  It is compatible with the 'High', 'Medium/High' and 'Medium' security levels.

  NOTE
  The 'Medium/High' security level is only available on the Océ PlotWave 750/900 systems.
  The 'Medium' and the 'High' security levels are available for all the Océ TDS/TCS, for the PlotWave 300/350, and for the ColorWave 300 systems.
- (4) 'SMB local' means a local installation of the printer driver on a workstation, and an SMB connection to the Print Server.
  This connection type does not have the advantage of (2) SMB 'Point and Print'.

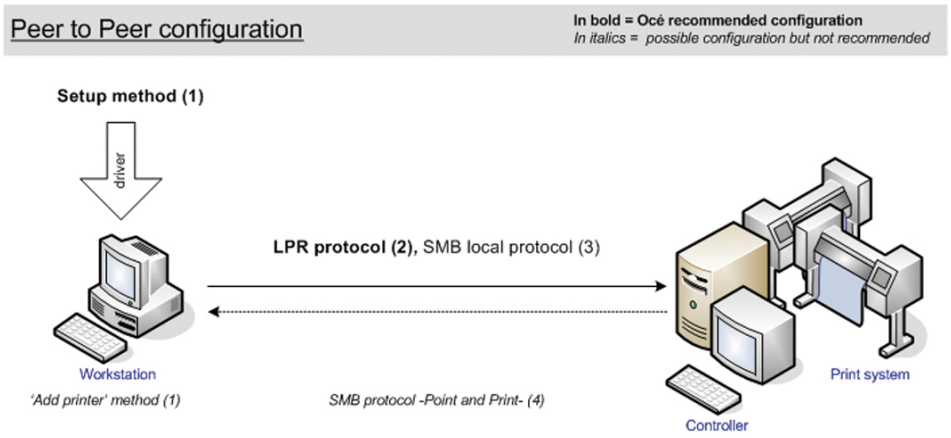
Peer to peer configuration

Definition

In this configuration, the client workstation is directly connected to the print system (controller).

Recommended for small LANs.

Illustration



Attributes

Explanation of the above scheme:

- (1) is the method to apply for the printer driver installation (see the User Manual of the printer drivers).
- (2) Océ recommended connection to the print system.
  It is compatible with the 'High', 'Medium/High' and 'Medium' security levels.

  NOTE
  The 'Medium/High' security level is only available on the Océ PlotWave 750/900 systems.
  The 'Medium' and the 'High' security levels are available for all the Océ TDS/TCS, for the PlotWave 300/350, and for the ColorWave 300 systems.

Connectivity impact related to security topics

Connectivity with user authentication for CW500/CW700 and PW345/PW365/PW450/PW550

Introduction

To increase document confidentiality, user authentication can be used to secure job submission. For more information, see the Océ PlotWave-ColorWave Systems Security - Administration guide (from its edition 2015-02).

When the user authentication feature is enabled, jobs are submitted via the network but are not printed until the job owner authenticates on the user panel. The print jobs are stored on the printer and only the job owner can access the jobs.

Impact on Job submission

Job submission (via printer drivers such as WPD2 or PS3, via Océ Publisher Select, via Océ Publisher Express, via LPR, via FTP, or via Onyx for CW500/CW700) contains information on the job owner, that is used for user authentication.

In order to know how the information on the job owner is created, consult the Océ PlotWave-ColorWave Systems Security - Administration guide. See section “The user authentication in the main job submission workflows” in the chapter “Security on <Océ printer model> / Data Security / User authentication”.

Several job submission tools have been adapted for the user authentication feature:
- Printer Driver, WPD2 -from version 2.11
- Printer Driver, PostScript 3 -from version 1.24 (Windows only)
- Job submitters, Océ Publisher Select -from version 1.17; Océ Publisher Select 2 -from its first version

Chapter 2

Configure the print system controller

Configure the TCP/IP settings

Configure the TCP/IP settings of the print system controller

Introduction

The procedures described in this section explain how to edit the TCP/IP settings of the Océ Wide Format printing systems:

- at network integration after the first installation (only for Océ TCS300 and Océ ColorWave/PlotWave printers, except Océ PW750/900).
- when already installed and integrated in the network.

Configure the TCP/IP settings

The configuration of the TCP/IP settings changes according to your printer model.

Use the next table to navigate to the procedure you need.

Procedure

If your printer is an	Then refer to this procedure
Océ TDS/TCS - except Océ TCS300	• *Configure the TCP/IP settings in a network configuration by DHCP* on page 45 or • *Configure the TCP/IP settings in a network configuration with a fixed IP-address* on page 60
Océ PlotWave 750/900 R2	• *Configure TCP/IP settings in a network configuration by DHCP* on page 41 or • *Configure TCP/IP settings in a network configuration with a fixed IP-address* on page 56
Océ TCS300 or another Océ ColorWave/PlotWave	*Configure the TCP/IP settings: prepare the configuration for a first installation* on page 31

NOTE
To know the type of your network configuration, see: *Get to know the type of TCP/IP network* on page 33.

Configure the TCP/IP settings: prepare the configuration for a first installation

Before you begin

IMPORTANT
The preparation of the configuration is only described for the Océ TCS300 and Océ ColorWave/ PlotWave printers (except the Océ PlotWave 750/900).
For the Océ TDS/TCS systems, and for the Océ PlotWave 750/900, contact your Océ representative if needed. An Océ technician must prepare the configuration.

Before you configure the TCP/IP settings on an Océ TCS300 or an Océ ColorWave or PlotWave printer, you must:
- know if a Media Access Control (MAC) address filtering is present
- know the type of TCP/IP network
- check the connectivity according to the type of TCP/IP network (if not known)

Check the MAC address filtering

Procedure

1. You must know if a MAC address filtering is implemented in the network where the printing system is to be integrated.

If	Then
yes	The network administrator MUST declare the Océ system MAC address within the network. You cannot perform the configuration and you cannot use the Océ printing system in the network without a declaration of the MAC address where a MAC address filtering is implemented.
no	Go on with the next check.
you don't know	Ask the network administrator.

Where do I find the MAC address?
To know the MAC address of your printer you can:
- at reception time, find the MAC address on the printer box;
- within the device, find the MAC address on a sticker located on the printer controller hardware;
- for Océ PlotWave 340/345/360/365/450/500/550 and Océ ColorWave 500/700 systems, access the MAC address from the printer interface (tap the system menu icon -top right corner, indicated with the printer model name- and go to the 'Network settings' section);
- for Océ ColorWave 300/810/900/910 and Océ PlotWave 300/350/750/900, connect to the Océ Express WebTools from the Service laptop. Then, go to the 'Preferences' tab and click on 'View configuration' (or 'View set', depending on the printer model). A new web page opens from which you can find the MAC address;
- or, contact your Océ technician or representative.

Check the type of TCP/IP network

Procedure

1. You must know if the network where the Océ printing system is to be integrated uses fixed IP addresses or a DHCP reservation system.

If the network uses	Then
fixed IP address	to configure the TCP/IP settings of your printing system, see: *Manual configuration with a fixed IP address* on page 47
by DHCP	Make sure an IP address is reserved. to configure the TCP/IP settings of your printing system, see: *Automatic network configuration by DHCP* on page 35
you don't know	Get to know the type of TCP/IP network. See the next procedure: *Get to know the type of TCP/IP network* on page 33

Get to know the type of TCP/IP network

When to do

The next procedure applies to:
- the Océ TCS300,
- all the Océ ColorWave systems,
- and to all the Océ PlotWave systems -except the Océ PlotWave 750/900.

For the Océ PlotWave 750/900, an Océ technician must prepare the configuration.

Procedure

1. Get an IP address assigned by DHCP.
   To do so, refer, in one of the next tables, to the procedure that corresponds to your print system.

How to get the IP address on the user panel (Océ PlotWave 340/345/360/365/450/500/550 and Océ ColorWave 500/700)

Step	Océ PlotWave 340/345/360/365/450/500/550 and Océ ColorWave 500/700
1	On the user panel, select the system menu icon (top right corner of the screen). The system menu opens.
2	Select 'Network settings', in the list at the bottom right corner of the screen.
3	Tap 'Edit' to start the Wizard.
4	When requested, log in as a System Administrator and tap 'Next'.
5	Select: • The Internet protocol: 'IPv4' • The IP address: 'Auto by DHCP' • The Network speed: 'Auto' Wait until the network settings are acquired.
	Optionally, type in: • The hostname • The proxy settings
6	Tap 'Finish'.
7	Restart the printer.
8	Repeat step 1 and 2.
9	Check the IP address.

How to get the IP address on the user panel (Océ ColorWave 300/550/600/650/650PP and Océ PlotWave 300/350)

Step	Océ ColorWave 550/650 R3.x	Océ ColorWave 300/600, ColorWave 550/650 R2/650PP, PlotWave 300/350
1	On the user panel, select 'System' - 'Set-up' - 'Network settings'.	On the user panel, select 'System' - 'Set-up/Configuration' - 'Network settings'
2	Click 'Next' twice to start the Wizard.	Click 'Next' once or twice (depending on the system) to start the Wizard
3	Select: • 'Speed' - 'Auto negotiation', • then, 'Auto Detect (IPv4 only)', • and finally, tap 'Next'.	Select 'Auto via DHCP' or 'Auto Detect (IPv4)' (depending on the system). Click 'Next' once or twice (depending on the system).

How to get the IP address on the user panel (Océ ColorWave 810/900/910)

Step	Océ ColorWave 810/900/910
1	On the user panel, select ' Setup' - 'System settings'.
2	Set 'Speed' to 'Automatic detection'.
3	Select: 'IPv4 address and subnet mask supplied by DHCP' - 'Yes'. 'Default gateway IPv4 address supplied by DHCP' - 'Yes'. 'DNS server IPv4 address supplied by DHCP' - 'Yes'. 'NetBIOS supplied by DHCP' - 'Yes'. 'WINS server IPv4 address supplied by DHCP' - 'Yes'.
4	Click 'Close'.
5	Restart the printer.
6	Repeat step 2. It must match with DHCP reservation.
7	Check the IP address.

How to get the IP address with the Printer Control Panel (Océ TCS300)

Step	Océ TCS300
1	Action on Océ TCS300 system From the User Panel, select 'Configure System' - 'Next' - Network settings adapter 1'- 'Next'.
2	Click 'Edit' to start the Wizard.
3	Select: • 'Use DHCP for adapter 1' -'Yes' • 'Use DHCP for default gateway' -'Yes' • 'Use DHCP for DNS' -'Yes' • 'Use DHCP for Wins' -'Yes' Click 'Apply'.
4	Wait until the network settings are acquired. Then finish the Wizard.
5	Restart the printer.
6	Repeat step 1.
7	Check the IP address.

2. Check the type of network according to the IP address:

If the IP address	Then
is NOT within the [169.254.1.0 - 169.254.254.255] range	It is a configuration by DHCP. Make sure it matches with the DHCP reservation. If not, contact the network administrator. See: *Automatic network configuration by DHCP* on page 35
is WITHIN the [169.254.1.0 - 169.254.254.255] range	You probably need a configuration with a fixed IP address. Make sure you know all the TCP/IP parameters. See: *Manual configuration with a fixed IP address* on page 47

3. Cancel the Wizard without changing any network setting.
4. Click 'Close'.

Configure the TCP/IP settings: automatic network configuration by DHCP

Introduction

Your network type requires a configuration of the print system by DHCP.

Refer to the next table in order to locate the procedure that applies to your printing system.

Reference

If your printer is an	Then refer to this procedure
Océ ColorWave 550/650 R3	*Configure the TCP/IP settings (Océ ColorWave 550/650 R3): automatic network configuration by DHCP* on page 38
Océ PlotWave 340/345/360/365/450/500/550 Océ ColorWave 500/700	*Configure the TCP/IP settings (Océ PlotWave 340/345/360/365/450/500/550, Océ ColorWave 500/700): automatic network configuration by DHCP* on page 39
Océ PlotWave 750/900 R2	*Configure the TCP/IP settings (Océ PlotWave 750/900 R2): automatic network configuration by DHCP* on page 41
Océ ColorWave 810/900/910	*Configure the TCP/IP settings (Océ ColorWave 810/900/910): automatic network configuration by DHCP* on page 43
Océ TCS300 or another Océ PlotWave/ColorWave system	*Configure the TCP/IP settings (Océ TCS300 / Océ ColorWave and PlotWave systems): automatic network configuration by DHCP* on page 35
Océ TDS/TCS (except TCS300)	*Configure the TCP/IP settings in a network configuration by DHCP (Océ TDS/TCS systems -except TCS300)* on page 45

Configure the TCP/IP settings (Océ TCS300 / Océ ColorWave and PlotWave systems): automatic network configuration by DHCP

When to do

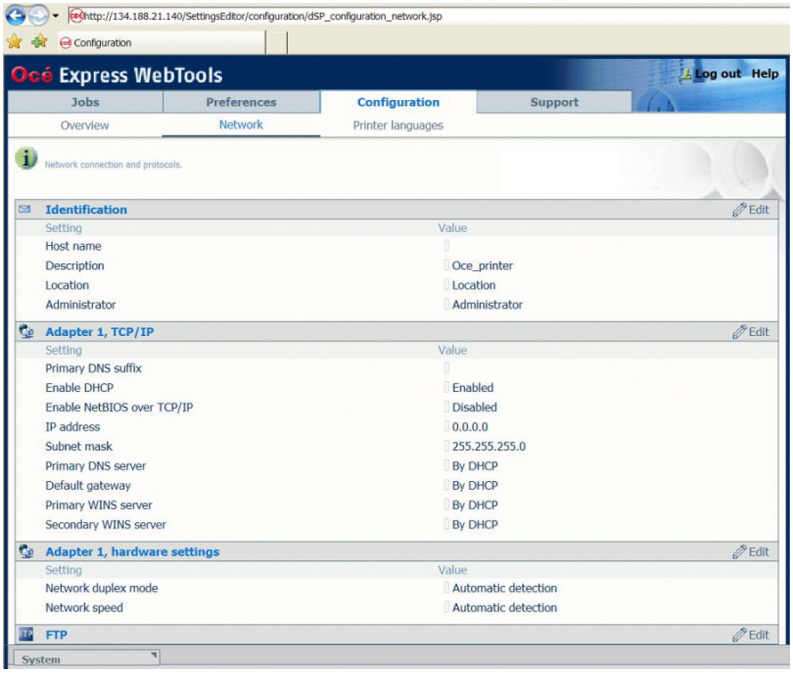
The next procedure applies to the Océ TCS300, to the Océ ColorWave 550/600/650 R2/650PP, and to the Océ PlotWave 300/350/900 R1 systems. For the other print systems, refer to the dedicated procedures provided in the next sections.

Before you begin

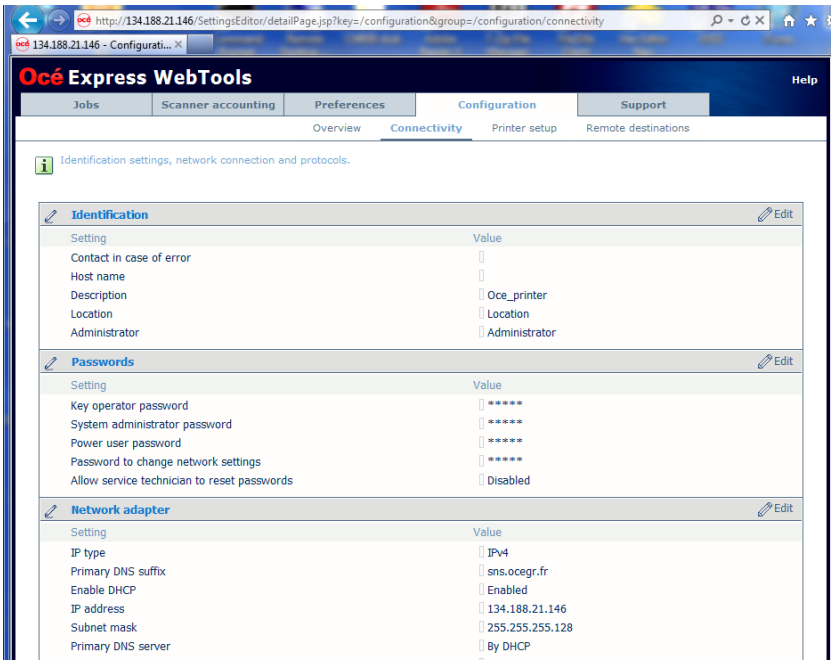
- Make sure that DHCP reservation for IP address is done.
  In this case, the IP address of the Océ system is always the same.
- Get the IP address assigned by DHCP.
  For a first installation, or, to know how to get an IP address, see: *Get to know the type of TCP/IP network* on page 33

NOTE
If no DHCP reservation is done, the IP address can change in the future. In this case, it is possible that the Océ printing system cannot be reached anymore.

Illustration



[1] TCP/IP settings configuration (Océ ColorWave 600 Express WebTools)



[2] TCP/IP settings configuration (Océ ColorWave 650 R2 Express WebTools)

Finalise the configuration of the TCP/IP settings with the help of Océ Express WebTools

Step	Action
1	Type the IP address of the Océ printer in an internet browser. Océ Express WebTools page appears.
2	Select the 'Configuration' menu. Open the 'Network' or 'Connectivity' tab.
3	Go to the 'TCP/IP (IPv4)' or 'Adapter 1' or 'Network adapter' section. Click 'Edit' and log in as a System Administrator in order to configure the TCP/IP (IPv4) settings.
4	Configure the TCP/IP (IPv4) settings as follows: • make sure that 'IP type', when this setting is available, is set to 'IPv4' • make sure that 'DHCP' is enabled • enable 'NetBIOS over TCP/IP', when this setting is available • make sure the 'Link speed / Duplex mode' is set to the automatic value ('Auto Negotiation'), or to the 'Full duplex' value • define the 'Primary DNS suffix' (if DNS is used in the network). It is compulsory if you need to configure a Scan-to-File environment. Example: <company.department.com>
5	Click 'OK' to save the settings. You are proposed to restart the system. Do NOT restart the system now.
6	Go to the '(System) Identification' section.
7	Define the hostname. NOTE Make sure the hostname is unique within the network.
8	Click 'OK' to save the settings.
9	You are proposed to restart the system. Use the 'Power' button located at the front of the printer to do so.

Configure the TCP/IP settings (Océ ColorWave 550/650 R3): automatic network configuration by DHCP

Before you begin

Make sure the Océ printing system is connected to the network and powered on.

- Make sure that DHCP reservation for IP address is done.
  In this case, the IP address of the Océ system is always the same.
- Get the IP address assigned by DHCP.
  For a **first installation**, or, to know how to get an IP address, see: *How to get the IP address with the Printer Control Panel* on page 33

NOTE
If no DHCP reservation is done, the IP address can change in the future. In this case, it is possible that the Océ printing system cannot be reached anymore.

Finalise the configuration of the TCP/IP settings with the help of Océ Express WebTools

Step	Action
1	From a workstation, type the IP address of the Océ printer in an internet browser. Océ Express WebTools page appears.
2	Select the 'Configuration' menu. Open the 'Connectivity' tab.
3	Go to the 'Identification' section. Click 'Edit' and log in as a System Administrator.
4	Define the hostname. NOTE Make sure the hostname is unique within the network.
5	Click 'OK' to save the settings.
6	Select 'Restart later'. Then, click 'OK'.
7	Go to the 'Network adapter' section. Click 'Edit' and log in as a System Administrator.
8	Configure the TCP/IP (IPv4) settings as follows: • make sure 'IP type' is set to: 'IPv4'. • define the 'Primary DNS suffix' (if DNS is used in the network). It is compulsory if you need to configure a Scan-to-File environment. Example: `<company.department.com>` • make sure the 'NETBIOS configuration by DHCP' is set to: 'Enabled'. • make sure the 'Link speed and duplex mode' is set to: 'Automatic detection'.
9	Click 'OK' to save the settings.
10	Select 'Restart now'. Then, click 'OK'.

Configure the TCP/IP settings (Océ PlotWave 340/345/360/365/450/500/550, Océ ColorWave 500/700): automatic network configuration by DHCP

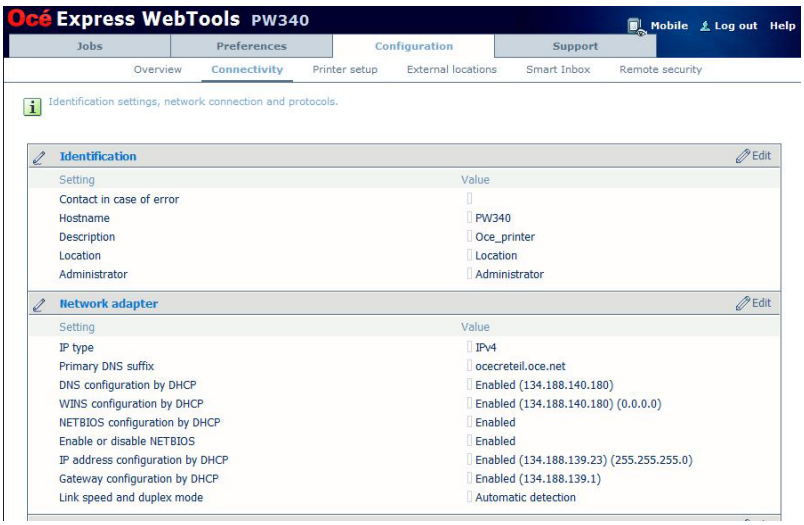
Before you begin

Make sure the Océ printing system is connected to the network and powered on.

- Make sure that DHCP reservation for IP address is done.
  In this case, the IP address of the Océ system is always the same.
- Get the IP address assigned by DHCP.

NOTE
If no DHCP reservation is done, the IP address can change in the future. In this case, it is possible that the Océ printing system cannot be reached anymore.

Finalise the configuration of the TCP/IP settings with the help of Océ Express WebTools



Step	Action
1	From a workstation, type the IP address of the Océ printer in an internet browser. Océ Express WebTools page appears.
2	Select the 'Configuration' menu. Open the 'Connectivity' tab.
3	Go to the ‘Identification’ section. Click 'Edit' and log in as a System Administrator.
4	Define the hostname, when you have not defined the hostname on the user panel already. NOTE Make sure the hostname is unique within the network.
5	Click 'OK' to save the settings.
6	Select 'Restart later'. Then, click 'OK'.
7	Go to the 'Network adapter' section. Click 'Edit' and log in as a System Administrator.

Step	Action
8	Configure the TCP/IP (IPv4) settings as follows: • make sure ‘IP type’ is set to: ‘IPv4’. • define the 'Primary DNS suffix' (if DNS is used in the network). It is compulsory if you need to configure a Scan-to-File environment. Example: `<company.department.com>` • make sure the 'NETBIOS configuration by DHCP' is set to: 'Enabled'. • make sure the 'Link speed and duplex mode' is set to: 'Automatic detection'.
9	Click 'OK' to save the settings.
10	Select 'Restart now'. Then, click 'OK'.

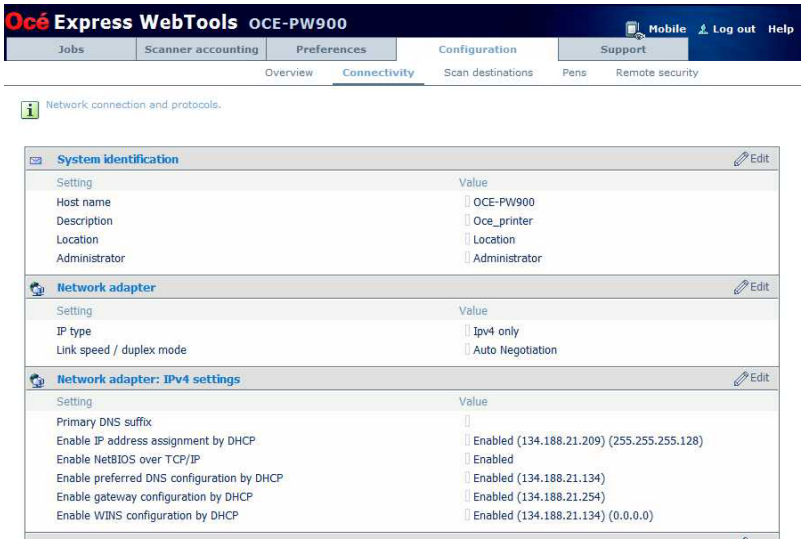
Configure the TCP/IP settings (Océ PlotWave 750/900 R2): automatic network configuration by DHCP

Before you begin

- Make sure that DHCP reservation for IP address is done.
  In this case, the IP address of the Océ system is always the same.
- Get the IP address assigned by DHCP.

NOTE
If no DHCP reservation is done, the IP address can change in the future. In this case, it is possible that the Océ printing system cannot be reached anymore.

Illustration



[3] TCP/IP settings configuration (Océ PlotWave 900 Express WebTools)

Finalise the configuration of the TCP/IP settings with the help of Océ Express WebTools

Step	Action
1	Open the Océ Express WebTools page: • from the Graphical User Interface: use the screen/mouse/keyboard that are connected to the Océ printer. or • from a workstation: type in the IP address of the Océ printer in an internet browser.
2	Select the 'Configuration' menu. Open the 'Connectivity' tab.
3	Go to the ‘System identification’ section. Click 'Edit' and log in as a System Administrator.
4	Define the hostname. NOTE Make sure the hostname is unique within the network.

Step	Action
5	Click 'OK' to save the settings. You are proposed to restart the system. Do NOT restart the system now.
6	Go to the 'Network adapter' section. Click 'Edit' and log in as a System Administrator in order to configure the TCP/IP (IPv4) settings.
7	Configure the settings as follows: • make sure 'IP type' is set to 'IPv4' • make sure the 'Link speed / duplex mode' is set to 'Auto Negotiation.
8	Click 'OK' to save the settings. You are proposed to restart the system. Do NOT restart the system now
9	Go to the 'Network adapter: IPv4 settings' section. Configure the settings as follows: • define the 'Primary DNS suffix' (if DNS is used in the network). It is compulsory if you need to configure a Scan-to-File environment. Example: <company.department.com> • enable 'IP address assignment by DHCP' • enable 'NetBIOS over TCP/IP'
10	Click 'OK' to save the settings. You are proposed to restart the system. Select 'Restart now' and click 'OK'.

Configure the TCP/IP settings (Océ ColorWave 810/900/910): automatic network configuration by DHCP

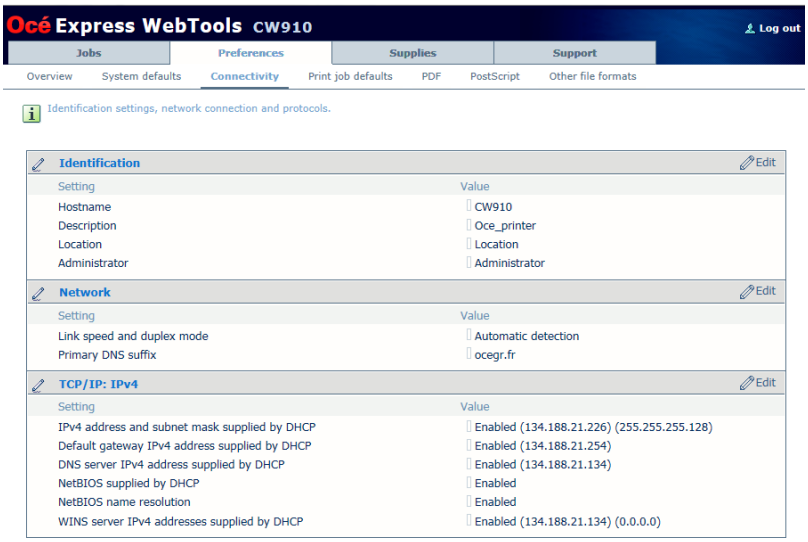
Before you begin

Make sure the Océ printing system is connected to the network and powered on.

- Make sure that DHCP reservation for IP address is done.
  In this case, the IP address of the Océ system is always the same.
- Get the IP address assigned by DHCP.
  For a first installation, or, to know how to get an IP address, see: *Get to know the type of TCP/IP network* on page 33.

NOTE
If no DHCP reservation is done, the IP address can change in the future. In this case, it is possible that the Océ printing system cannot be reached anymore.

Finalise the configuration of the TCP/IP settings with the help of Océ Express WebTools



Step	Action
1	From a workstation, type the IP address of the Océ printer in an internet browser. Océ Express WebTools page appears.
2	Select the 'Preferences' tab. Open the 'Connectivity' menu.
3	Go to the 'Identification' section. Click 'Edit' and log in as a 'System Administrator'.
4	Define the hostname, when you have not defined the hostname on the user panel already. NOTE Make sure the hostname is unique within the network.
5	Click 'OK' to save the settings.
6	Select 'Restart later'. Then, click 'OK'.

Step	Action
7	Go to the 'Network' section. Click 'Edit' and log in as a 'System Administrator'.
8	Configure the Network settings as follows: • define the 'Primary DNS suffix' (if DNS is used in the network). Example: <company.department.com> • make sure the 'Link speed and duplex mode' is set to 'Automatic detection'.
9	Click 'OK' to save the settings.
10	If requested, select 'Restart later' and click 'OK'.
11	Go to the 'TCP/IP: IPv4' section and click 'Edit'.
12	Configure the TCP/IP (IPv4) settings as follows: • make sure that TCP/IP parameters are correctly assigned by DHCP.
13	Click 'OK' to save the settings.
14	Restart the printer.

Configure the TCP/IP settings in a network configuration by DHCP (Océ TDS/TCS systems -except TCS300)

Introduction

The procedures given below apply to the following user interfaces:

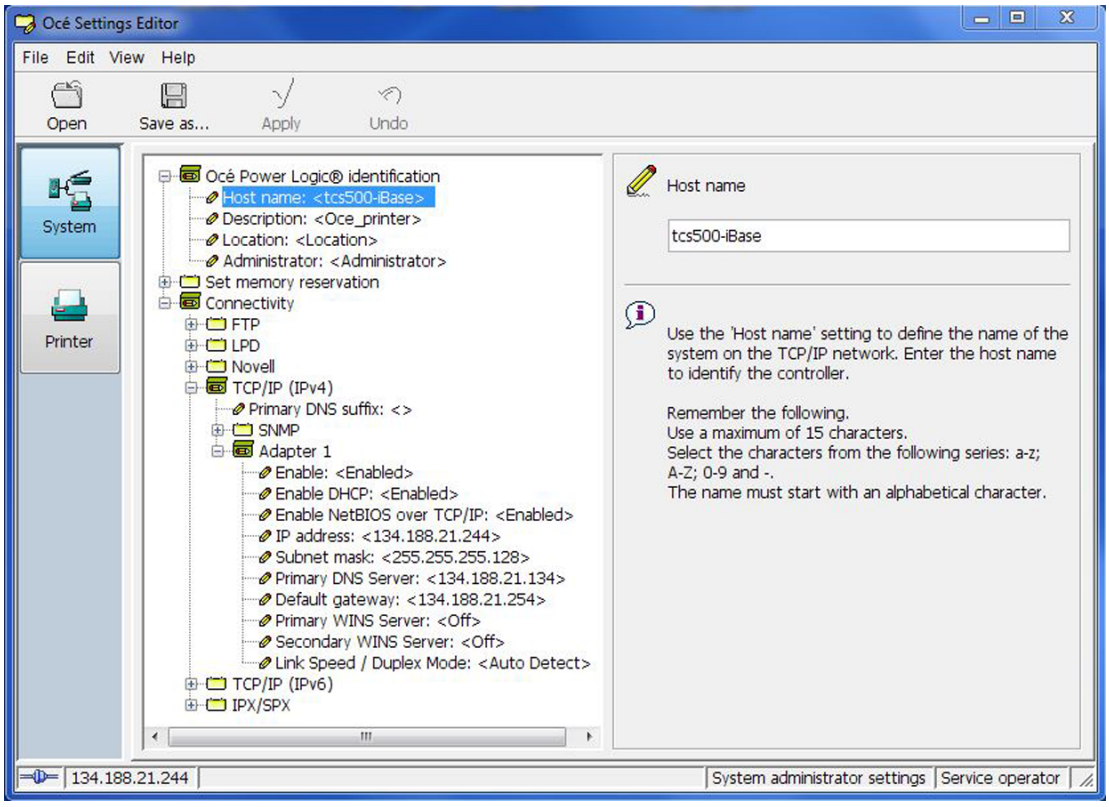
- Océ TDS/TCS Settings Editor or Océ Remote Logic
- Océ TDS700, TDS750 and Océ TC4 Power Logic Controller or Océ Power Logic Controller Remote

Before you begin

Before you begin

- Log on as a System Administrator.
- Switch the Océ Settings Editor in SA mode.
  See: *Switch the Océ Settings Editor in SA Mode* on page 224

Illustration



Configure the TCP/IP settings with the help of the Océ Settings Editor or the Océ Power Logic

Step	Océ TDS/TCS systems	Océ TDS7x0 system
1	Click the 'System' icon.	Click the 'Configuration' link.

Step	Océ TDS/TCS systems	Océ TDS7x0 system
2	Expand the following folders: • 'Connectivity' • 'TCP/IP (IPv4)' • 'Adapter 1'	Click 'Edit' on 'TCP/IP (IPv4)' section.
3	Configure the TCP/IP (IPv4) settings as follows: • make sure that 'Adapter 1' is enabled • enable 'DHCP' • enable 'NetBIOS over TCP/IP', if it exists • make sure the 'Link speed / Duplex mode' is set to automatic • define the 'Primary DNS suffix' (if DNS is used in the network). It is compulsory if you need to configure a Scan-to-File environment. Example: <company.department.com>	
4	Click 'Apply' to save the settings.	Click 'OK' to save the settings. You are proposed to restart the system. Do NOT restart the system now.
5	Expand 'Océ Power Logic identification' folder.	Click 'Edit' on 'Controller identification' section.
6	Define the hostname. NOTE Make sure the hostname is unique within the network.	
7	Click 'Apply' to save the settings.	Click 'OK' to save the settings.
8	You are proposed to restart the system. Do so (see *Reboot the controller* on page 226).	

NOTE
If the IP address has been changed, Océ Remote Logic or Océ Power Logic Controller Remote must be reconfigured.
See: *Configure Océ printer controller remote applications* on page 78

Manual network configuration with a fixed IP address

Introduction

Your network type requires a manual configuration of the print system with a fixed IP address.

Refer to the next table in order to locate the procedure that applies to your printing system.

Reference

If your printer is an	Then refer to the procedure
Océ ColorWave 550/650 R3	*Configure the TCP/IP settings (Océ ColorWave 550/650 R3): manual network configuration with a fixed IP-address* on page 51
Océ PlotWave 340/345/360/365/450/500/550 Océ ColorWave 500/700	*Configure the TCP/IP settings (Océ PlotWave 340/345/360/365/450/500/550, Océ ColorWave 500/700): manual network configuration with a fixed IP-address* on page 54
Océ PlotWave750/900 R2	*Configure the TCP/IP settings (Océ PlotWave 750/900 R2): manual network configuration with a fixed IP-address* on page 56
Océ ColorWave 810/900/910	*Configure the TCP/IP settings (Océ ColorWave 810/900/910): manual network configuration with a fixed IP-address* on page 58
Océ TCS300 or another Océ ColorWave/Plotwave system	*Configure the TCP/IP settings (Océ TCS300 / ColorWave and PlotWave systems): manual network configuration with a fixed IP-address* on page 47
Océ TDS/TCS (except TCS300)	*Configure the TCP/IP settings in a network configuration with a fixed IP-address (Océ TDS/TCS systems -except TCS300)* on page 60

Configure the TCP/IP settings (Océ TCS300 / ColorWave and PlotWave systems): manual network configuration with a fixed IP-address

When to do

The next procedure applies to the Océ TCS300, to the Océ ColorWave 550/600/650 R2/650PP, and to the Océ PlotWave 300/350/900 R1 systems. For the other print systems, refer to the dedicated procedures provided in the next sections.

Before you begin

Make sure you know the IP address assigned to the Océ printer.

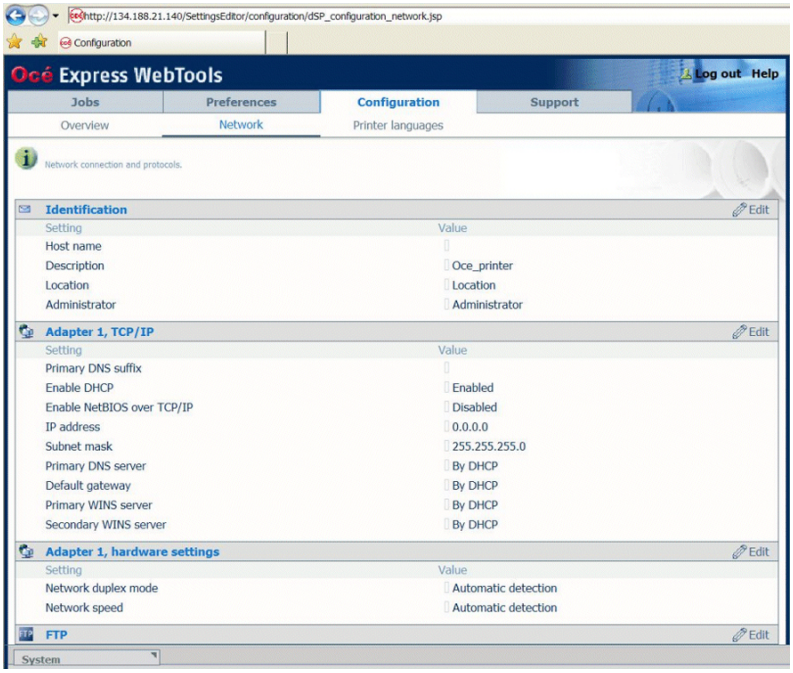
Make sure the print system is connected to the network and powered on.

Configure basic TCP/IP settings from the user panel of the printer

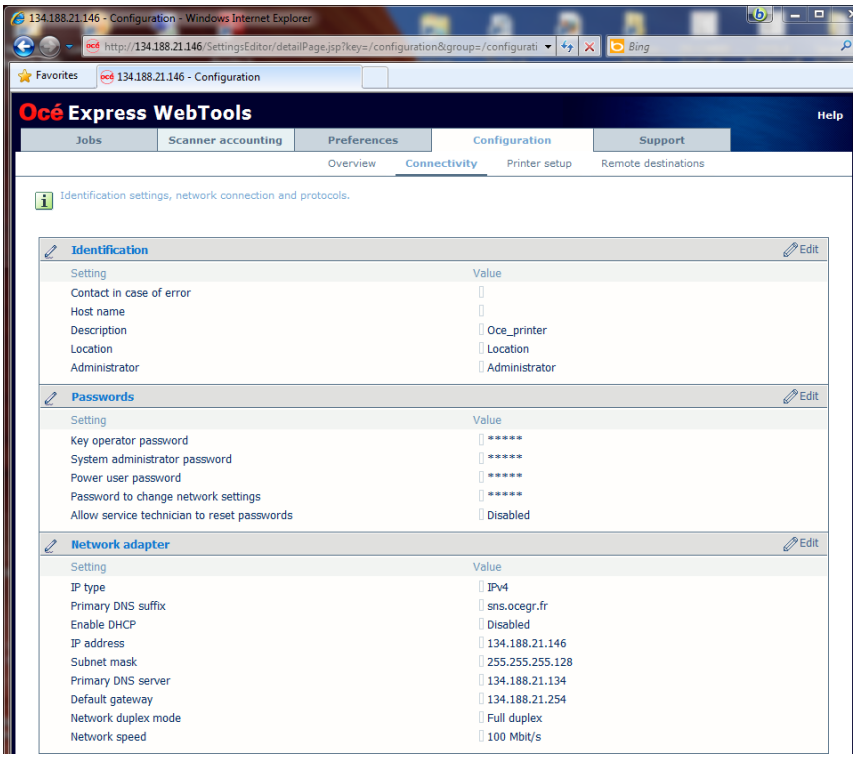
Step	Océ TCS300	Océ ColorWave 300/600, ColorWave 550/650 R2/650PP or Océ PlotWave 300/350
1	From the user Panel, select 'Configure System' - 'Next' - Network settings adapter 1'- 'Next'.	From the user panel (located on the printer), select 'System' - 'Setup'/'Configuration' - 'Network settings'.
2	Click 'Edit' to start the Wizard.	Click 'Next' once or twice (according to your print system) to start the Wizard.
3	Select 'Use DHCP for adapter 1', then 'No'.	Select 'Manual' or 'Advanced setup', then 'IPv4' (according to your print system.
4	Configure the following TCP/IP (IPv4) settings: • IP address of the printer • Subnet mask • Default gateway If needed, configure • IP address of the DNS server • IP address of the WINS server (TCS300 only)	
5	Click 'Apply'.	Select 'Finish' to exit the Wizard.
6	Restart the printer.	

Finalise the configuration of the TCP/IP settings with the help of Océ Express WebTools

Procedure



[4] TCP/IP settings configuration (Océ ColorWave 600 Express WebTools)



[5] TCP/IP settings configuration (Océ ColorWave 650 Express WebTools)

Step	Action
1	Type the IP address of the Océ printer in an internet browser. Océ Express Web Tools page appears.
2	Select the 'Configuration' menu. Open the 'Network' or 'Connectivity' tab.
3	Go to the '(System) Identification' section. Click 'Edit' and log in as a System Administrator
4	Define the hostname. NOTE Make sure the hostname is unique within the network.
5	Click 'OK' to save the settings. You are proposed to restart the system. Do NOT restart the system now.
6	Go to the 'TCP/IP (IPv4)' or 'Adapter 1' or 'Network adapter' section. Click 'Edit' and log in as a System Administrator in order to configure the TCP/IP settings.

Step	Action
7	Configure the TCP/IP (IPv4) settings as follows: • make sure that ‘IP type’, when this setting is available, is set to ‘IPv4’ • enable 'NetBIOS over TCP/IP', when this setting is available • define the 'Primary DNS suffix' (if DNS is used in the network). It is compulsory if you need to configure a Scan-to-File environment. Example: <company.department.com> • define the 'Primary WINS server' IP address, if needed, when this setting is available • make sure the 'Link speed / Duplex mode' is set to the automatic value ('Auto Negotiation'), or to the 'Full duplex' value
8	Click 'OK' to save the settings.
9	You are proposed to restart the system. Select 'Restart now'. Then click 'OK'

Configure the TCP/IP settings (Océ ColorWave 550/650 R3): manual network configuration with a fixed IP-address

Before you begin

Make sure the Océ printing system is connected to the network and powered on.

The next procedure only applies for an integration of the printer in a full IPv4 environment.

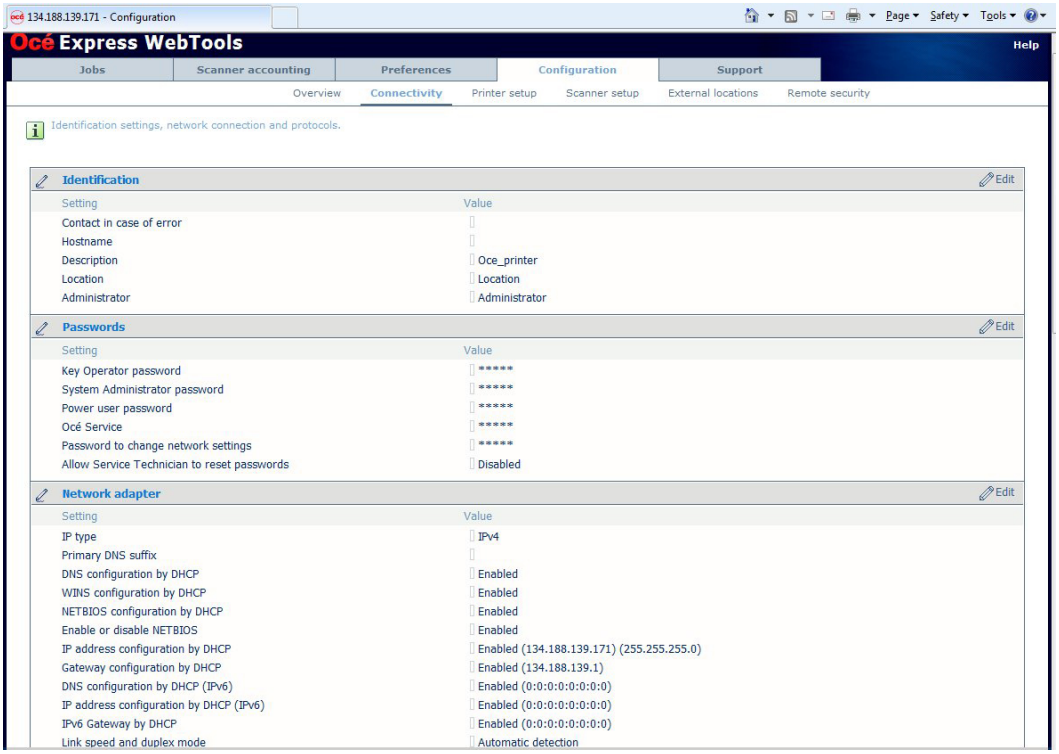
Configure basic TCP/IP settings from the user panel of an Océ ColorWave 550/650 R3 system

Step	Action
1	From the user panel, select 'System' - 'Setup' - 'Network settings'
2	Click 'Next' twice to start the Wizard
4	Select: • 'Speed', then 'Auto negotiation' • 'Advanced setup' • the IP protocol 'IPv4', then 'Next'
	Define the following TCP/IP (IPv4) settings: • IP address • Subnet mask • Default gateway If needed, define the IP address of the DNS server.
5	Finish the Wizard.
6	Restart the printer.

Before you begin

Make sure you know the IP address assigned to the Océ printer.

Finalise the configuration of the TCP/IP settings with the help of Océ Express WebTools



[6] TCP/IP settings configuration (Océ ColorWave 550 R3 Express WebTools)

Step	Action
1	From a workstation, type the IP address of the Océ printer in an internet browser. Océ Express WebTools page appears.
2	Select the 'Configuration' menu. Open the 'Connectivity' tab.
3	Go to the 'Identification' section. Click 'Edit' and log in as a System Administrator.
4	Define the hostname. NOTE Make sure the hostname is unique within the network.
5	Click 'OK' to save the settings.
6	Select 'Restart later'. Then, click 'OK'.
7	Go to the 'Network adapter' section. Click 'Edit' and log in as a System Administrator.
8	Configure the TCP/IP (IPv4) settings as follows: • make sure 'IP type' is set to: 'IPv4'. • define the 'Primary DNS suffix' (if DNS is used in the network). It is compulsory if you need to configure a Scan-to-File environment. Example: `<company.department.com>` • make sure the 'NETBIOS configuration by DHCP' is set to: 'Enabled'. • make sure the 'Link speed and duplex mode' is set to: 'Automatic detection'.

Step	Action
9	Click 'OK' to save the settings.
10	Select 'Restart now'. Then, click 'OK'.

Configure the TCP/IP settings (Océ PlotWave 340/345/360/365/450/500/550, Océ ColorWave 500/700): manual network configuration with a fixed IP-address

Before you begin

Make sure the Océ printing system is connected to the network and powered on.

The next procedure only applies for an integration of the printer in a full IPv4 environment.

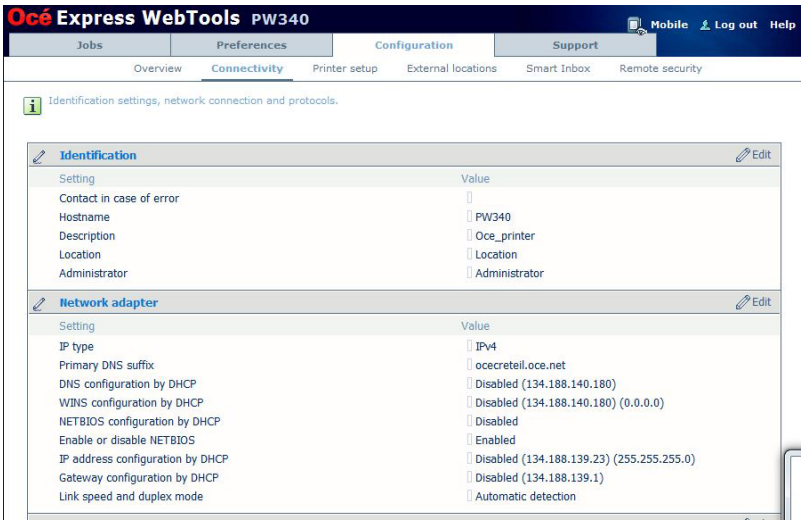
Configure basic TCP/IP settings on the user panel of an Océ PlotWave 340/345/360/365/450/500/550 or Océ ColorWave 500/700 system

Step	Océ PlotWave 340/345/360/365/450/500/550	Océ ColorWave 500/700
1	On the user panel, select the system menu icon (top right corner of the screen). The system menu opens.	On the user panel, select the system menu icon (top right corner of the screen). The system menu opens.
2	Select 'Network settings,' in the list at the bottom right corner of the screen.	Select 'Network settings,' in the list at the bottom right corner of the screen.
3	Tap 'Edit' to start the Wizard.	Tap 'Edit' to start the Wizard.
4	When requested, Log in as a System Administrator and tap 'Next'	Log in as a System Administrator and tap 'Next'.
5	Select: • The IP protocol: 'IPv4' • The IP address: 'Manual'	Select: • The Internet protocol: 'IPv4' • The IP address: 'Manual'
6	Configure the following TCP/IP (IPv4) settings: • IP address of the printer • Subnet mask • Default gateway If needed, define the IP address of the DNS server.	Configure the following TCP/IP (IPv4) settings: • IP address of the printer • Subnet mask • Default gateway • DNS address
7	Select the network speed: 'Auto'.	Select the network speed: 'Auto'.
		Optionally, type in: • The hostname • The proxy settings
8	Tap 'Finish'	Tap 'Finish'
9	Restart the printer.	Restart the printer.

Before you begin

Make sure you know the IP address assigned to the Océ printer.

Finalise the configuration of the TCP/IP settings with the help of Océ Express WebTools



Step	Action
1	From a workstation, type the IP address of the Océ printer in an internet browser. Océ Express WebTools page appears.
2	Select the 'Configuration' menu. Open the 'Connectivity' tab.
3	Go to the ‘Identification’ section. Click 'Edit' and log in as a System Administrator.
4	Define the hostname, when you have not defined the hostname on the user panel already. NOTE Make sure the hostname is unique within the network.
5	Click 'OK' to save the settings.
6	Select 'Restart later'. Then, click 'OK'.
7	Go to the 'Network adapter' section. Click 'Edit' and log in as a System Administrator.
8	Configure the TCP/IP (IPv4) settings as follows: • make sure ‘IP type’ is set to: ‘IPv4’. • define the 'Primary DNS suffix' (if DNS is used in the network). It is compulsory if you need to configure a Scan-to-File environment. Example: `<company.department.com>` • disable the 'WINS configuration by DHCP'. • if needed, define the IP address of the WINS server. • disable the 'NetBIOS configuration by DHCP'. • enable 'NetBIOS naming service' or 'NetBIOS naming resolution' (setting name depends on product/version). • make sure the 'Link speed and duplex mode' is set to: 'Automatic detection'.
9	Click 'OK' to save the settings.
10	Select 'Restart now'. Then, click 'OK'.

Configure the TCP/IP settings (Océ PlotWave 750/900 R2): manual network configuration with a fixed IP-address

Introduction

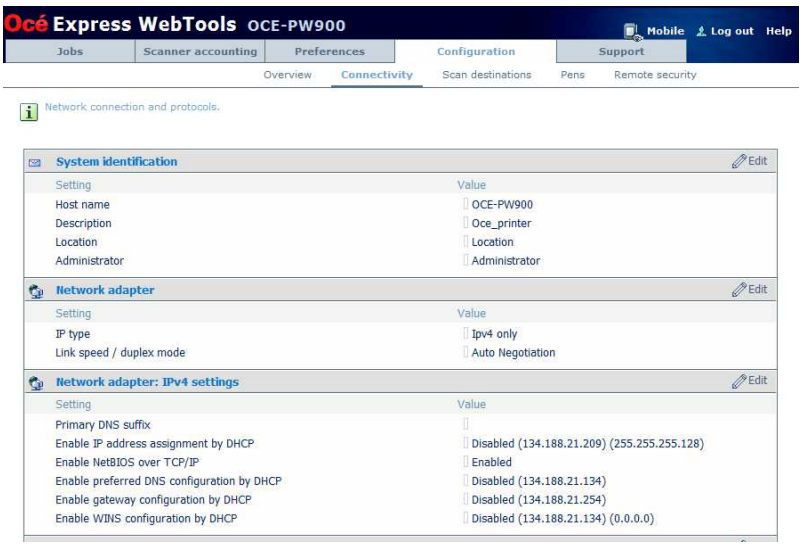
The next procedure only applies for an integration of the printer in a full IPv4 environment.

Before you begin

Make sure you know the IP address assigned to the Océ printer.

Make sure the Océ printing system is connected to the network and powered on.

Illustration



[7] TCP/IP settings configuration (Océ PlotWave 900 R2 Express WebTools)

Procedure

Step	Action
1	Open the Océ Express WebTools page: • from the Graphical User Interface: use the screen/mouse/keyboard that are connected to the Océ printer. or • from a workstation: type in the IP address of the Océ printer in an internet browser.
2	Select the 'Configuration' menu. Open the 'Connectivity' tab.
3	Go to the ‘System identification’ section. Click 'Edit' and log in as a System Administrator.
4	Define the hostname. NOTE Make sure the hostname is unique within the network.

Step	Action
5	Click 'OK' to save the settings. You are proposed to restart the system. Do NOT restart the system now.
6	Go to the 'Network adapter' section. Click 'Edit' and log in as a System Administrator in order to configure the TCP/IP (IPv4) settings.
7	Configure the settings as follows: • make sure 'IP type' is set to 'IPv4' • make sure the 'Link speed / duplex mode' is set to 'Auto Negotiation.
8	Click 'OK' to save the settings. You are proposed to restart the system. Do NOT restart the system now.
9	Go to the 'Network adapter: IPv4 settings' section. Configure the TCP/IP (IPv4) settings as follows: • define the 'Primary DNS suffix' (if DNS is used in the network). It is compulsory if you need to configure a Scan-to-File environment. Example: <company.department.com> • make sure 'IP address assignment by DHCP' is disabled and configure 'IP address' and 'Subnet mask' • enable 'NetBIOS over TCP/IP' • make sure 'Preferred DNS configuration by DHCP' is disabled and configure 'IP address of DNS server' • make sure 'Gateway configuration by DHCP' is disabled and configure 'IP address of gateway' • make sure 'WINS configuration by DHCP' is disabled and configure 'Primary and Secondary WINS servers'
10	Click 'OK' to save the settings. You are proposed to restart the system. Select 'Restart now' and click 'OK'.

Configure the TCP/IP settings (Océ ColorWave 810/900/910): manual network configuration with a fixed IP-address

Before you begin

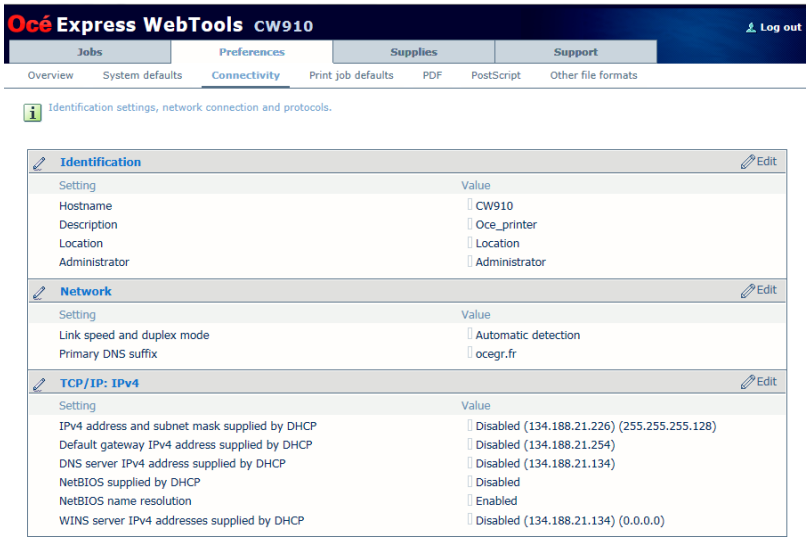
Make sure you know the IP address assigned to the Océ printer.

Make sure the print system is connected to the network and powered on.

Configure basic TCP/IP settings on the user panel of an Océ ColorWave 810/900/910 system

Step	Action
1	On the user panel, select ' Setup' - 'System settings'.
2	Set 'Speed' to 'Automatic detection'.
3	Define the hostname, when you have not defined the hostname on the user panel already. NOTE Make sure the hostname is unique within the network.
4	Select: • 'IPv4 address and subnet mask supplied by DHCP' - 'No'. • 'DNS server IPv4 address supplied by DHCP' - 'No'. • 'Default gateway IPv4 address supplied by DHCP' - 'No'. • 'NetBIOS supplied by DHCP' - 'No'. • 'WINS server IPv4 address supplied by DHCP' - 'No'.
5	Configure the following TCP/IP (IPv4) settings: • IPv4 address • IPv4 subnet mask • IPv4 default gateway • DNS server IPv4 address (if needed) • Primary/secondary WINS server IPv4 address (if needed)
6	Click 'Close'.
7	Restart the printer.

Finalise the configuration of the TCP/IP settings with the help of Océ Express WebTools



Step	Action
1	From a workstation, type the IP address of the Océ printer in an internet browser. Océ Express WebTools page appears.
2	Select the 'Preferences' tab. Open the 'Connectivity' menu.
3	Go to the 'Identification' section. Click 'Edit' and log in as a 'System Administrator'.
4	Define the hostname, when you have not defined the hostname on the user panel already. NOTE Make sure the hostname is unique within the network.
5	Click 'OK' to save the settings.
6	Select 'Restart later'. Then, click 'OK'.
7	Go to the 'Network' section and click 'Edit'.
8	Configure the network settings as follows: • define the 'Primary DNS suffix' (if DNS is used in the network). Example: `<company.department.com>` • make sure the 'Link speed and duplex mode' is set to: 'Automatic detection'.
9	Click 'OK' to save the settings.
10	If requested, select 'Restart later' and click 'Ok'.
11	Go to the 'TCP/IP: IPv4' section and click 'Edit'.
	Configure the TCP/IP (IPv4) settings as follows: • make sure that all previously configured TCP/IP parameters are correct.
12	Click 'OK' to save the settings.
13	Restart the printer.

Configure the TCP/IP settings in a network configuration with a fixed IP-address (Océ TDS/TCS systems -except TCS300)

Introduction

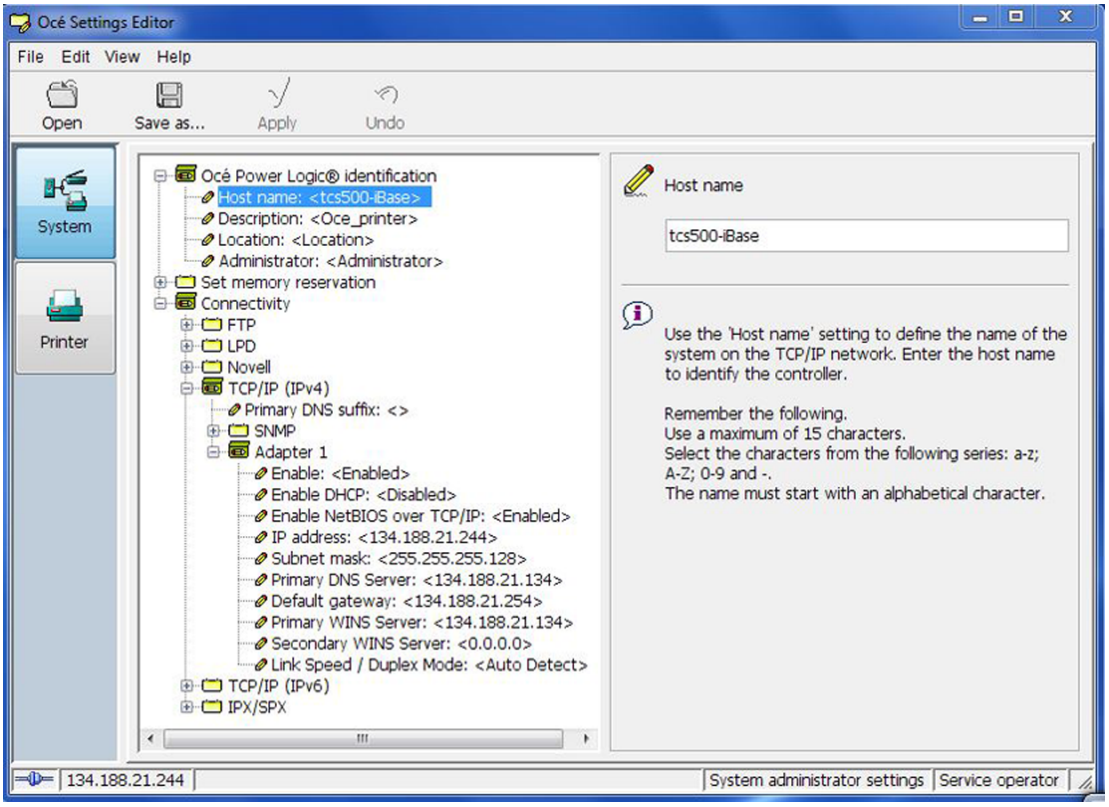
The procedures given below apply to the following user interfaces:

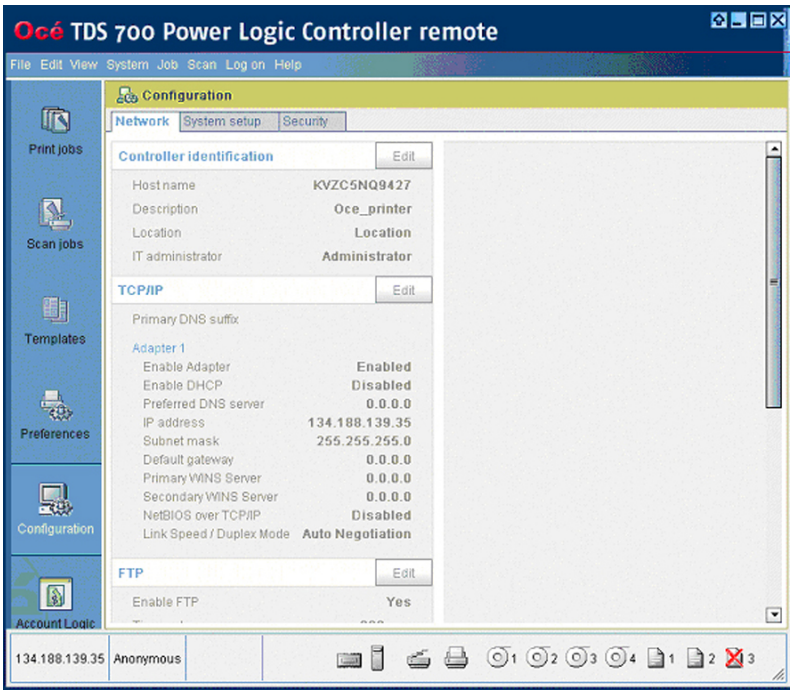
- Océ TDS/TCS Settings Editor or Océ Remote Logic
- Océ TDS700, TDS750 and Océ TC4 Power Logic Controller or Océ Power Logic Controller Remote

Before you begin

- Log on as a System Administrator.
- Switch the Océ Settings Editor in SA Mode.

Illustration





Procedure

Step	Océ TDS/TCS systems	Océ TDS7x0 system
1	Click the 'System' icon.	Click the 'Configuration' link.
2	Expand the following folders: • 'Connectivity' • 'TCP/IP (IPv4)' • 'Adapter 1'	Click 'Edit' on 'TCP/IP (IPv4)' section.
3	Configure the TCP/IP (IPv4) settings as follows: • make sure that 'Adapter 1' is enabled • disable 'DHCP' • enable 'NetBIOS over TCP/IP', if it exists • define the TCP/IP parameters: - IP address - Subnet mask - Default gateway • define the 'Primary/Preferred DNS server' IP address, if needed • define the 'Primary WINS server' IP address, if needed • make sure the 'Link speed / Duplex mode' is set to automatic • define the 'Primary DNS suffix' (if DNS is used in the network). It is compulsory if you need to configure a Scan-to-File environment. Example: <company.department.com>	
4	Click 'Apply' to save the settings.	Click 'OK' to save the settings. You are proposed to restart the system. Do NOT restart the system now.
5	Expand 'Océ Power Logic identification' folder.	Click 'Edit' on 'Controller identification' section.

Step	Océ TDS/TCS systems	Océ TDS7x0 system
6	Define the hostname. NOTE Make sure the hostname is unique within the network.	
7	Click 'Apply' to save the settings.	Click 'OK' to save the settings.
8	You are proposed to restart the system. Reboot the controller.	

Enable print protocols

Enable LPD/LPR protocol

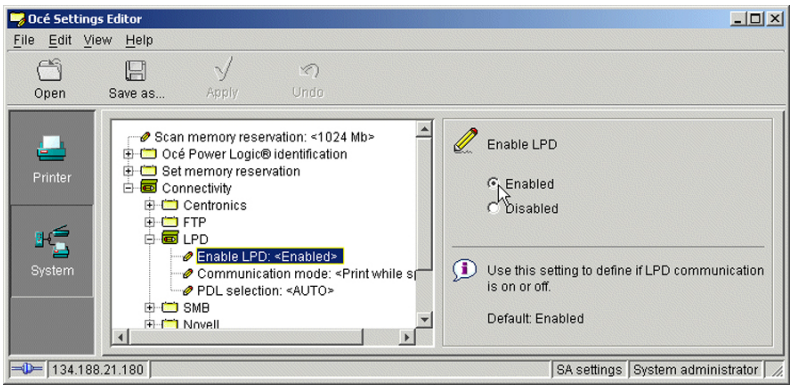
Before you begin

- You MUST be logged on as a system administrator.
- The LPD/LPR protocol is enabled by default on the Océ Wide-format printing systems. Make sure it is enabled on your printing system.

Enable LPD protocol for Océ TDS/TCS systems (except Océ TDS7x0, Océ TCS300)

Procedure

1. Switch the Océ Settings Editor in SA Mode.
2. Select 'Connectivity' - 'LPD' - 'Enable LPD'.
3. Select 'Enabled' on the right panel ('Enable LPD').

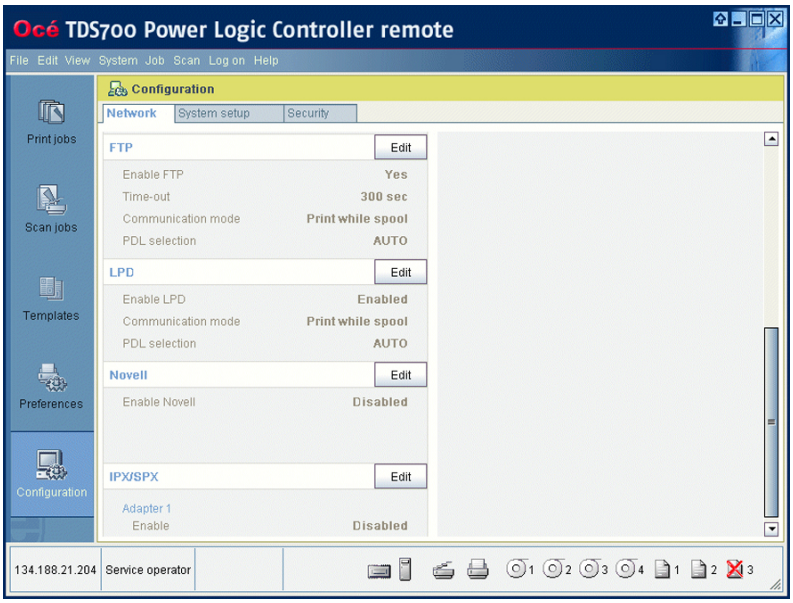


4. Click 'Apply'.
   You are then proposed to reboot the controller.
   Either, click 'OK' and go on with the other parameters setup, or, once all the setups are done, reboot the controller.

Enable LPR/LPD protocol for Océ TDS7x0

Procedure

1. Open the ‘Configuration’ menu and select the ‘Network’ tab.
2. Scroll down to ‘LPD’ section and click ‘Edit’.

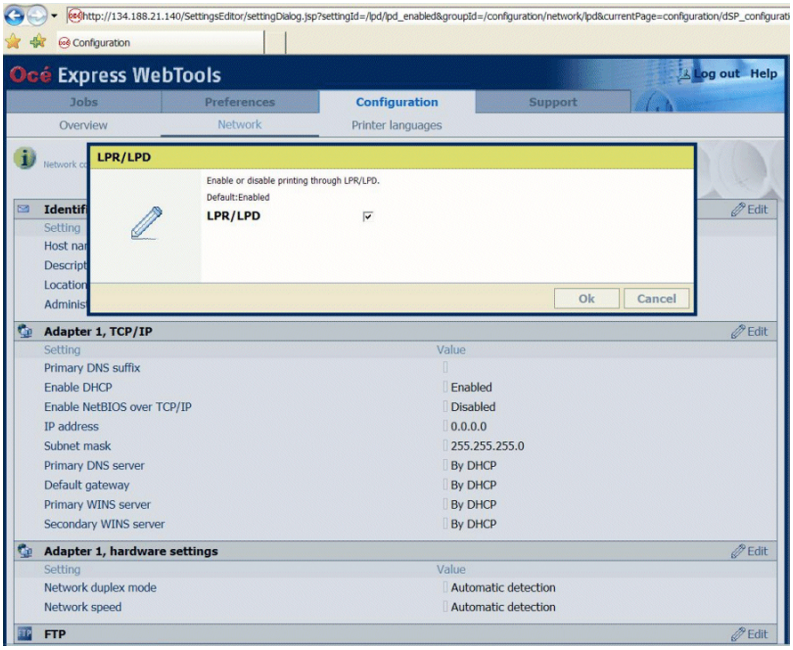


3. Select ‘Enabled’ (in ‘Enable LPD’).
4. Click ‘OK’.
   You are proposed to restart the controller.
   Either click 'OK' and go on with the other parameters setup, or, once all the setups are done, restart the controller.

Enable LPR/LPD protocol for Océ ColorWave/PlotWave systems (and Océ TCS300)

Procedure

1. From a client workstation, open a web browser and access the Océ Express WebTools:
   http://<IP-ADDRESS>
   or
   http://<printer HOSTNAME>
2. In the ‘Configuration’ tab, select ‘Network’ (or 'Connectivity').
3. In the ‘LPD’ section, click on 'Edit'.
   The 'LPR/LPD' window pops up.
4. Check the ‘LPR/LPD’ setting box to enable the LPR protocol.



5. Click ‘OK’ to validate the new value and close the window.

Enable FTP protocol

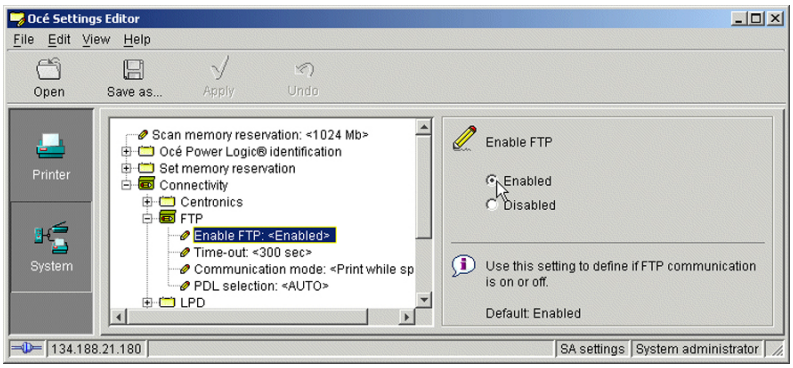
Before you begin

- You MUST be logged on as a system administrator.
- The FTP protocol is enabled by default on the Océ Wide-format printing systems. Make sure it is enabled on your printing system.

Enable FTP protocol for Océ TDS/TCS systems (except Océ TDS7x0, Océ TCS300)

Procedure

1. Switch the Océ Settings Editor in SA Mode.
2. Select ‘Connectivity’ - 'FTP' - 'Enable FTP'.
3. Select ‘Enabled’ on the right panel (‘Enable FTP’).

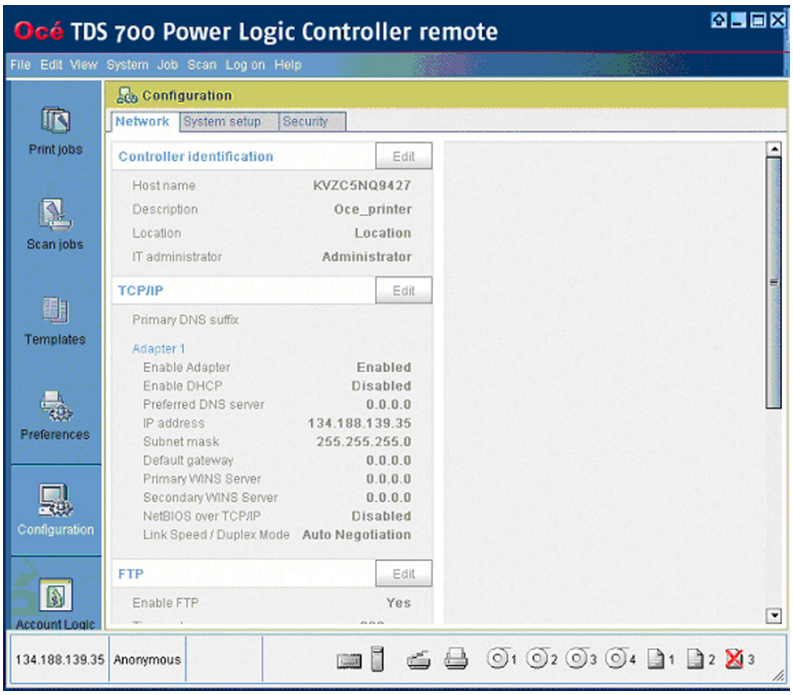


4. Click 'Apply'.
   You are proposed to reboot the controller.
   Either, click ‘OK’ and go on with the other parameters setup, or, once all the setups are done, reboot the controller.

Enable FTP protocol for Océ TDS7x0

Procedure

1. Open the ‘Configuration’ menu and select the ‘Network’ tab.
2. Scroll down to ‘FTP’ section and click ‘Edit’.



3. Select ‘YES’ (in ‘Enable FTP’) and click ‘OK’.
   You are proposed to restart the controller.
   Either, click 'OK' and go on with the other parameters setup, or, once all the setups are done, restart the controller.

Enable FTP protocol for Océ ColorWave/PlotWave systems (and Océ TCS300)

Procedure

1. From a client workstation, open a web browser and access the Océ Express WebTools:
   http://<IP-ADDRESS>
   or
   http://<printer HOSTNAME>
2. In the ‘Configuration’ tab, select ‘Network’ (or 'Connectivity').
3. In the ‘FTP’ section, click on 'Edit'.
   The 'FTP' window pops up.
4. Check the ‘FTP' setting box to enable the FTP protocol.

5. Click ‘OK’ to validate the new value and close the window.
   You are proposed to restart the controller.
   Either, select 'Restart later' and go on with the other parameters setup; or, once all the setups are done, restart the controller (select 'Restart now').

Enable SMB protocol (Océ TCS/TDS systems only)

Introduction

IMPORTANT
The following information and procedures do not address all the Océ TDS/TCS systems.
Indeed, the SMB settings configuration is not applicable to the Océ TCS500 v1.2 and higher, Océ TCS300, Océ TDS7x0 and Océ TDS450 v3.1 and higher.
The following information and procedures do NOT apply to the Océ ColorWave and PlotWave systems.

This section presents the list of the SMB functionalities, and the procedures to configure the SMB settings.

SMB functionalities

Depending on the Océ print system and Océ PLC controller release, you can find the following SMB functionality:

(2) SMB capabilities

Océ Print System	**Océ TDS3x0 Océ TDS400 Océ TDS600 Océ TDS8x0 Océ TCS400**	**Océ TDS450 v3.0.x Océ TCS500 v1.1.1**	**Océ TDS7x0 Océ TDS450 v3.1 and higher Océ TCS500 v1.2 and higher Océ TCS300**
Functionality			
SMB browsing	YES (1)	YES (3)	NO
SMB Point and Print	YES (1)	NO	NO
Scan-to-File (STF) via SMB	YES (2)	YES (2)	YES (4)

Limitations:
- **(1)** For 'Standard / Normal' security level only.
- **(2)** For 'Standard / Normal' security level only.
  If there is no DNS server, you must enable the SMB printing protocol in order to benefit from the STF via SMB (see procedure here after).
- **(3)** SMB browsing functionality is of limited interest as Point and Print is not available.
- **(4)** For 'Standard / Normal' security level only.
  If there is no DNS server, you must enable NetBIOS over TCP/IP in order to benefit from the STF via SMB.

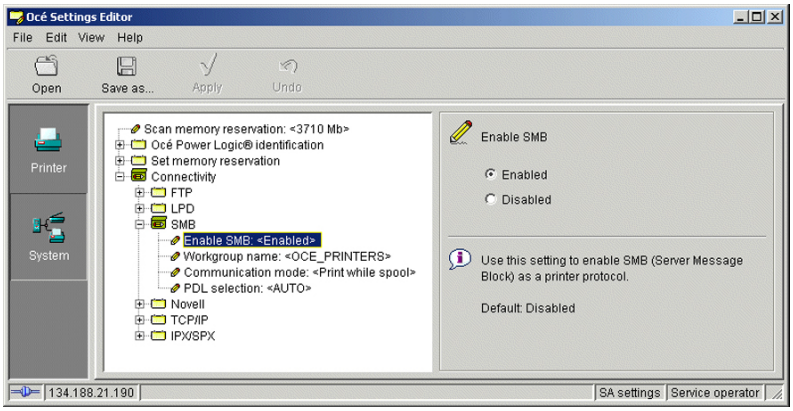
NOTE
You MUST be logged on as a system administrator.

Enable SMB printing protocol

Procedure

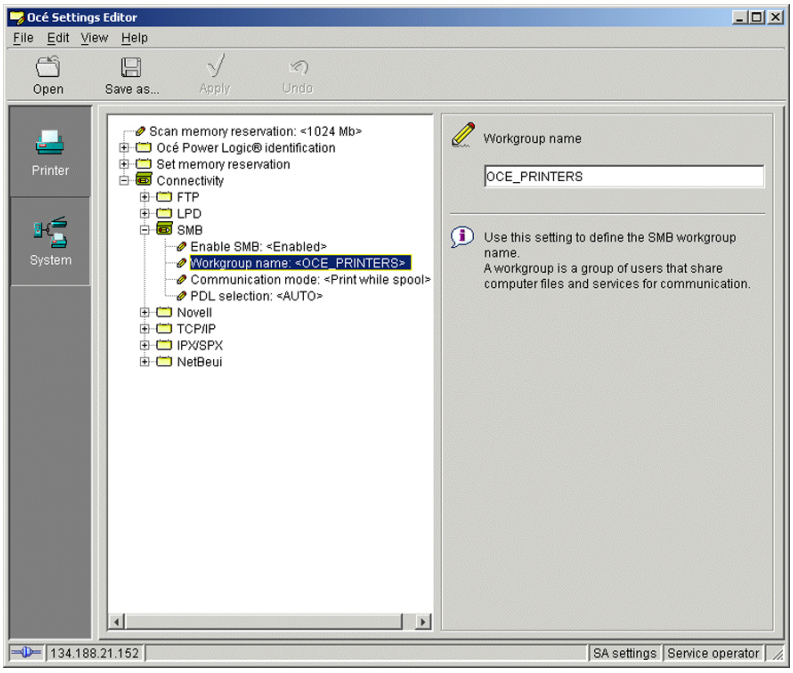
1. *Switch the Océ Settings Editor in SA Mode* on page 224.
2. Select 'Connectivity' - 'SMB' - 'Enable SMB'

3. Select ‘Enabled’ on the right panel (‘Enable SMB’).



4. Then, go to the 'Workgroup name' setting.
5. Type in the new workgroup name in the input field.

NOTE
This field is mandatory once the SMB printing protocol is enabled. You must fill it in, otherwise the controller will continuously restart.



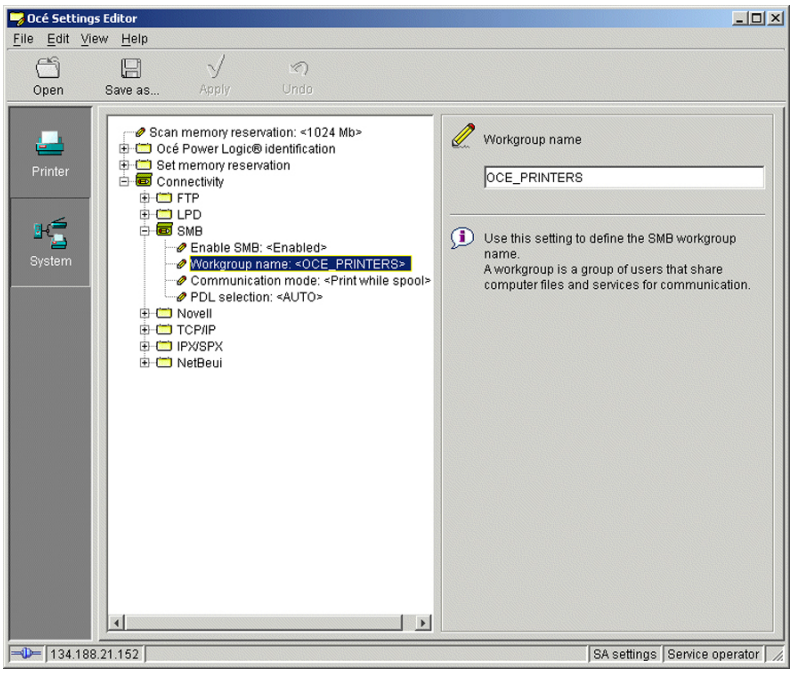
6. Click ‘Apply’.
   You are proposed to restart the controller.
   Either click ‘OK’ and go on with the other parameters setup, or, once all the setups are done, restart the controller (see *Reboot the controller* on page 226).

Set up the SMB workgroup name

Procedure

1. *Switch the Océ Settings Editor in SA Mode* on page 224.
2. Select ‘Connectivity’ - 'SMB' - 'Workgroup name'
3. Type in the new workgroup name in the input field.

NOTE
This field is mandatory once the SMB printing protocol is enabled. You must fill it in, otherwise the controller will continuously reboot.



4. Click ‘Apply’.
   You are proposed to reboot the controller.
   Either click ‘OK’ and go on with the other parameters setup, or, once all setups are done, reboot the controller (see *Reboot the controller* on page 226).

Configure Océ printer controller remote applications

Introduction and prerequisites for the configuration of the Océ printer controller remote applications (Océ TDS/TCS systems - except Océ TCS300)

Introduction to printer controller remote applications

The Océ TDS/TCS system can be configured locally or remotely.

- If you configure it locally, nothing needs to be installed since the controller applications (Océ Settings Editor, System Control Panel, ...) are directly accessible on the controller monitor.
- If you configure it remotely, you need to install 'Océ Remote Logic' or 'Océ Power Logic Remote' on a client workstation.

NOTE
The expression 'printer controller remote applications' designates both Océ Remote Logic and Océ Power Logic Remote.

Retrieve the Océ Remote Logic or Océ Power Logic Remote application

You can retrieve the Océ Remote Logic or Océ Power Logic Remote application via the International Corporate Website (*"http://downloads.oce.com"*).

1. Enter the name of your printer model.
2. Click 'Show downloads'.
3. From the 'Drivers & Software' tab, select the Type 'Application Software'.
4. From the drop-down lists, select your 'Operating System' and your 'Language'.
5. Retrieve the latest version of the controller application.

Prerequisites

Before you begin the configuration procedures, make sure that you comply with the next prerequisites list.

- Check the compatibility of the Océ Remote Logic or Océ Power Logic Remote with your Océ TDS/TCS system and operating system.
  See: *Printer controller remote applications - Compatibility matrix* on page 15
- Make sure that the TCP/IP settings are correctly configured.
  See: *Configure the TCP/IP settings in a network configuration by DHCP* on page 45 or *Configure the TCP/IP settings in a network configuration with a fixed IP-address* on page 60

Information about the printer controller remote applications

To install Océ Remote Logic or Océ Power Logic Remote on the client workstation, and to connect it to the Océ TDS/TCS system, please refer to the following chapters:

Configure the Océ TDS/TCS system (except TDS7x0) for use with Océ Remote Logic on page 73 or *Configure the Océ TDS7x0 system for use with Océ Power Logic Remote* on page 74.

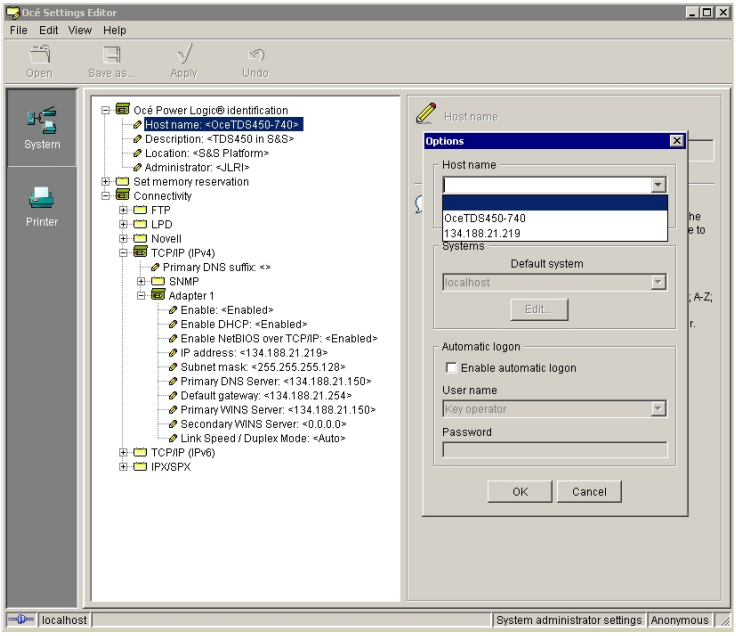
Once the controller application is installed and connected to the Océ TDS/TCS system, you are ready to configure your system.

Configuration of your system depends on the network environment.

Configure the Océ TDS/TCS system (except TDS7x0) for use with Océ Remote Logic

NOTE
The procedures below only apply for Océ TDS/TCS systems equipped with a Graphical User Interface.

Illustration



[8] Océ TDS/TCS system (except TDS7x0) configuration or use with Océ Remote Logic

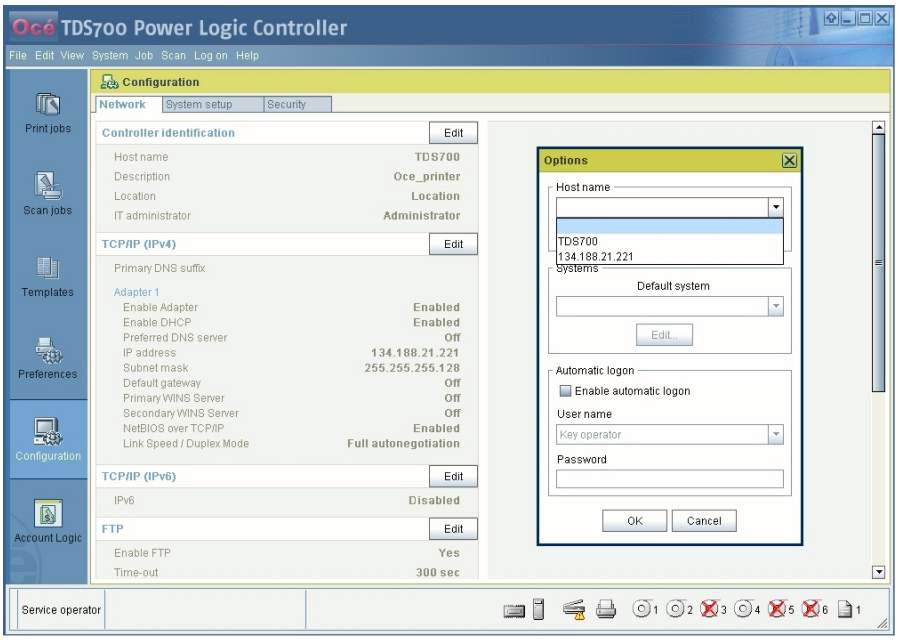
Procedure

1. From the Océ Settings Editor application on the printer controller, click ‘Edit’ and ‘Options’. The ‘Options’ window opens.
2. Check the ‘Host name’ field:

If the ‘Host name’ field	Then
is empty or 'Auto detected'	the configuration of the Océ TDS/TCS system is correct for use with Océ Remote Logic.
is not empty or 'Auto detected'	1. Open the drop down list. 2. Select the empty line or 'Auto detected'. 3. Click 'OK'. 4. Restart the Océ TDS/TCS printer controller.

Configure the Océ TDS7x0 system for use with Océ Power Logic Remote

Illustration



[9] Océ TDS7x0 system configuration for use with Océ Power Logic Remote

NOTE
The procedure for the Océ TDS7x0 system also applies to the Océ TC4 system.

Procedure

1. From the Océ TDS7x0 Power Logic Controller application on the printer controller, click 'Edit' and 'Options'.
   The 'Options' window opens.
2. Check the 'Host name' field:

If the 'Host name' field	Then
is empty or 'Auto detected'	the configuration of the Océ TDS7x0 system is correct for use with Océ Power Logic Remote.
is not empty or 'Auto detected'	1. Open the drop down list. 2. Select the empty line or 'Auto detected'. 3. Click 'OK'. 4. Restart the Océ TDS7x0 printer controller.

Result

If the empty 'Host name' field causes Océ Remote Logic or Océ Power Logic Remote connectivity problems:

- Select the Océ TDS/TCS system hostname or IP address from the drop down list.
- Click 'OK' and restart the Océ TDS/TCS system controller.

NOTE
Always use the drop down list. Never fill in the 'Host name' field manually, in order to prevent typing mistakes.

NOTE
Make sure that the selected parameter (Océ TDS/TCS system hostname or IP address) is permanent. Use a fixed IP address or a DHCP reservation.
If the selected parameter changes:
- Océ Remote Logic or Océ Power Logic Remote connection will be lost,
- The Océ TDS/TCS applications on the printer controller can become slow.

Install or upgrade Océ printer controller remote applications

Installation procedure

Procedure

1. Launch the installation files:

If	Then
you downloaded the files	1. From Windows Explorer, browse to the directory where the Océ Remote Logic or Océ Power Logic Remote distribution is stored. 2. Double-click 'ADT_RemoteLogic_vXXX.exe.' (XXX stands for the version number)
the files are on the CD	Insert the Océ Remote Logic or Océ Power Logic Remote CD in your CD drive. The InstallShield Wizard starts automatically.

   If requested, confirm 'Install or run program setup.exe'.
2. Select setup language and click 'Next'.
   If requested, confirm 'Allow. I trust this program' and click 'Next'.
3. Accept the license agreement and click 'Next'.
4. Enter the user name and the company name and click 'Next'.
   If necessary:
   - change the destination location and click 'Next'.
   - change the program folder location and click 'Next'.
5. Click 'Install'.
   The installation starts.
6. Click 'Finish' when the installation is completed.

Upgrade procedure

Procedure

1. Launch the installation files:

If	Then
you downloaded the files	1. From Windows Explorer, browse to the directory where the Océ Remote Logic or Océ Power Logic Remote distribution is stored. 2. Double-click 'ADT_RemoteLogic_vXXX.exe'. (XXX stands for the version number)
the files are on the CD	Insert the Océ Remote Logic or Océ Power Logic Remote CD in your CD drive. The InstallShield Wizard starts automatically.

NOTE
If requested, confirm 'Install or run program setup.exe'.

2. Click 'Next'.

NOTE
If requested, confirm 'Allow. I trust this program'.

3. Click 'Finish' when the upgrade is completed.

Configure Océ printer controller remote applications on a workstation

Before you begin

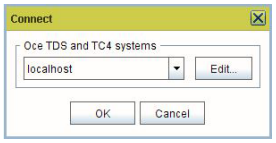
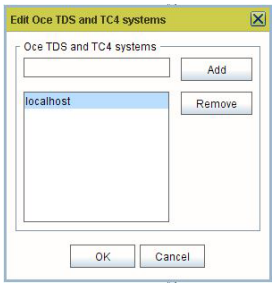
- Make sure you already performed:
  - the configuration of your print system for use with the remote application,
  - the installation or upgrade of the printer controller remote application.
- With an Océ TDS7x0 system, start Océ Power Logic Remote from the workstation.
- With the other Océ TDS/TCS systems, start Océ Remote Logic with Settings Editor, System Control Panel or Queue Manager.
  Note that you will have to repeat the configuration procedure for those 3 parts of the application.

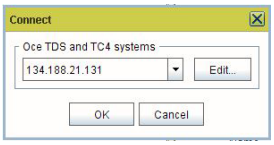
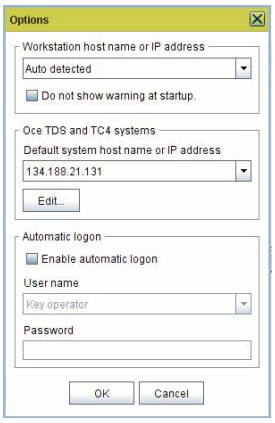
NOTE
If a 'Multiple adapters' window pops-up, select the IPv4 address of your workstation from the drop-down list.

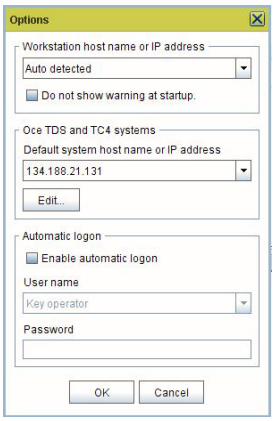
NOTE
In the next procedure, we use illustrations that come from the Océ Power Logic Remote application. However, they also apply to the Océ Remote Logic application.

NOTE
The procedure for the Océ TDS7x0 system also applies to the Océ TC4 system.

Configure on a workstation

Step	Action	Illustration / Remark
1	From your application, select 'File' - 'Connect to...'. A 'Connect' window opens.	
2	Click 'Edit'. An 'Edit systems' window opens.	
3	1. Select 'localhost' and click 'Remove'. 2. Enter the hostname or IP address of the Océ TDS/TCS system you want to connect to 3. Click the 'Add' button. The new hostname or IP address appears in the list.	NOTE Use the Océ TDS/TCS system host name only if it can be resolved by DNS. NOTE Use the Océ TDS/TCS system IP address only if it is permanent (fixed IP address or DHCP reservation).

Step	Action	Illustration / Remark
4	Click 'OK'. The 'Connect' window opens again.	 NOTE If it does not contain the hostname or IP address you have just entered, select it from the drop down list.
5	Click 'OK'. Océ Remote Logic or Océ Power Logic Remote now connects to the Océ TDS/TCS system.	You must however continue the configuration procedure.
6	Click 'Edit' - 'Options'. An 'Options' window opens.	
7	You can connect automatically to a given printer when you start Océ Remote Logic or Océ Power Logic Remote. In this case, from the 'Default system' drop down list, select the hostname or IP address of the Océ TDS/TCS printer you want. Otherwise, skip this step.	Optional.

Step	Action	Illustration / Remark
8	Make sure that the 'Host name' field is empty or 'Auto detected'. If not, open the drop down list and select the empty line or 'Auto detected'.	 This will be suitable for most of the configurations. NOTE Always use the drop down list. Never fill in the 'Host name' field manually, in order to prevent typing mistakes.
9	Click 'OK'. If you changed the 'Host name' field, restart Océ Remote Logic or Océ Power Logic Remote on the workstation.	If the empty 'Host name' field causes Océ Remote Logic or Océ Power Logic Remote connectivity problems: Repeat steps 6, 7, 8 but: • Either select the workstation hostname or IP address from the drop down list. • Click 'OK' and restart the Océ TDS/TCS system controller. NOTE Make sure that the selected parameter (Océ TDS/TCS system hostname or IP address) is permanent. Use a fixed IP address or a DHCP reservation. If the selected parameter changes: • Océ Remote Logic or Océ Power Logic Remote connection will be lost, • The Océ TDS/TCS applications on the printer controller can become slow.

NOTE
With the Océ Remote Logic application, repeat this procedure with the Settings Editor, the System Control Panel and the Queue Manager.

Un-install Océ printer controller remote applications

1. Remove the controller remote application from the list of programmes:

Windows OS	Action
Windows Vista/Server 2008	1. From the Windows ‘Start’ menu, select 'Control panel' - 'Programs and features'. 2. Click on the controller application. 3. Click 'Uninstall'.
Windows 7	1. From the Windows ‘Start’ menu, select 'Control Panel' - 'Programs' - 'Uninstall a program'. 2. Click on the controller application 3. Click 'Uninstall'.
Windows 8 Windows 8.1 Windows Server 2012 Windows Server 2012 R2	1. From the Desktop view, right-click in the bottom left corner of the screen. Select 'Control Panel' - 'Programs and features'. 2. Click on the controller application. 3. Click 'Uninstall'.

2. Click ‘Yes’ when requested to confirm that you want to completely remove Océ Remote Logic or Océ Power Logic Remote.
   The un-installation starts.
3. Click ‘Finish’ when the un-installation is completed.

Configure Océ PlotWave 340/345/350/360/365/450/500/550/750/900 and Océ ColorWave 500/700 for mobile printing

Océ Mobile WebTools

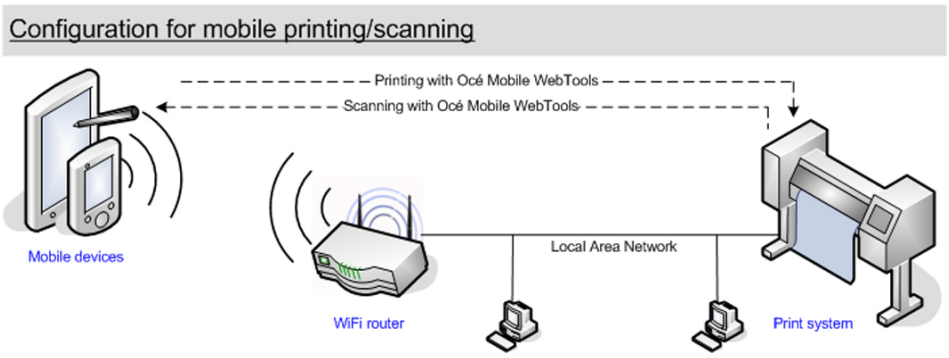
Introduction

The mobile printing or scanning is the ability to perform the following actions:

- Submit a print-ready file to the Océ PlotWave 340/345/350/360/365/450/500/550/750/900 and Océ ColorWave 500/700 from a mobile device (smart phone or tablet)
- Save a scanned file from the Océ PlotWave 340/345/350/360/365/450/500/550/750/900 and Océ ColorWave 500/700 onto a mobile device
- Delete a scanned file on the Océ PlotWave 340/345/350/360/365/450/500/550/750/900 and Océ ColorWave 500/700

This solution is based on a web interface page specially designed for mobile devices: Océ Mobile WebTools.

Illustration



Printer compatibility

The Mobile printing features are compatible with the following Océ printing systems:

- Océ PlotWave 340
- Océ PlotWave 345
- Océ PlotWave 350
- Océ PlotWave 360
- Océ PlotWave 365
- Océ PlotWave 450
- Océ PlotWave 500
- Océ PlotWave 550
- Océ PlotWave 750
- Océ PlotWave 900
- Océ ColorWave 500
- Océ ColorWave 700

Web browsers compatibility

The Océ Mobile WebTools can be accessed through the browsers of the supported mobile devices.

Mobile device	Browser
Samsung Galaxy smartphones	Build-in, Opera Mobile
Samsung Galaxy tablets	
HTC Android smartphones	
Blackberry smartphones	
Nokia Symbian smartphones	
Apple iPhone smartphones	iCab
Apple iPad tablets	

NOTE
Océ Express WebTools (the full web interface of the Océ PlotWave and Océ ColorWave 500/700 systems) is only supported for Microsoft Internet Explorer 9 and higher, Mozilla Firefox 17 and higher, and Google Chrome 22 and higher. Consequently, Océ Express WebTools is not supported for mobile browsers.

Connection requirements

The functionality relies on the availability of the following components.

In order to be able to connect to the printer:
- A Wi-Fi infrastructure connected to the network on which the printer controller stands
- Permission/credentials/password from the IT department to connect to the Wi-Fi infrastructure
- A compatible mobile device on which you can access and browse the file system.
  A file explorer is needed to print a file stored on a memory card.

NOTE
Make sure that the IP address and the hostname of the printer controller are accessible through the Wi-Fi infrastructure.

In order to be able to use the functionality:
- A compatible mobile operating system
- A compatible mobile web browser
- A mobile application to scan QR code (optional)

How to use the functionality

- The System administrator configures the network and Wi-Fi infrastructure
- The System administrator enters the configuration information in the printer controller interface (Océ Express WebTools, see *Configure Océ Express WebTools for a mobile connection* on page 85) in order to generate and print the [Quick Response Card] (connection sheet - see: *Generate the 'Quick Response Card'* on page 87). This [Quick Response Card] contains the information to connect to the Océ Mobile WebTools and the QR code.
- The user activates the Wi-Fi on the mobile device and connects to the network. Then the user opens the Océ Mobile WebTools on the mobile device's web browser (see *Connect your mobile device to the Océ Mobile WebTools* on page 88).
- From Océ Mobile WebTools, the user can then:
  - print a file from the mobile device to the Océ PlotWave, Océ ColorWave 500/700 printer,
  - save a scanned document onto the mobile device.

NOTE
Refer to the Océ PlotWave 340/345/350/360/365/450/500/550/750/900 and Océ ColorWave 500/700 Operating guide for the detailed procedures.

Configure Océ Express WebTools for a mobile connection

Purpose

Define the connectivity information that the users need in order to connect to the Océ Mobile WebTools. This information is also used to create the content of the [Quick Response Card].

NOTE
The availability of the settings used to connect to Océ Mobile WebTools depends on your printer model.

When to do

Before you generate the [Quick Response Card].

Before you begin

- Configure your Wi-Fi network
- Connect the printer to the network

NOTE
Make sure that the IP address and the hostname of the printer controller are accessible through the Wi-Fi infrastructure.

NOTE
Only a user with the System administrator or Power user rights can configure the information for a mobile connection.

Illustration

Define the settings for a connection to Océ Mobile WebTools

Procedure

1. In Océ Express WebTools, open the [Configuration] - [Connectivity] tab
2. Go to the [Mobile] section
3. Click [Edit]
4. Log in as a System administrator or a Power user

NOTE
Enter information according to your IT policy. Contact your System administrator.

Setting	Action
[Wi-Fi name on QRC sheet] (also known as SSID)	Enter the name of your Wi-Fi network. NOTE The value defined for this setting will be displayed on the QRC sheet.

Setting	Action
[Wi-Fi key on QRC sheet] (also known as security key)	Enter, when needed, the password for your Wi-Fi network. NOTE The value defined for this setting will be displayed on the QRC sheet.

5. Click [Ok] to confirm.

NOTE
When the printer is in a Windows domain network, enter the domain name in Océ Express Webtools:
- Open the [Configuration] - [Connectivity] tab
- In [TCP/IP: IPv4] section, enter the domain name in the field [Primary DNS suffix]

Result

The information you entered in the [Mobile] section will be printed on the [Quick Response Card] (QRC sheet).

Generate the [Quick Response Card]

Purpose

The [Quick Response Card] (connection sheet) contains all the information that your users need to connect to the printer from a mobile device. You can print it on individual cards or on a poster that you can display next to the printer.

Before you begin

The System admininstrator or Power user enters the connectivity information for a mobile connection (see *Configure Océ Express WebTools for a mobile connection* on page 85).

Illustration

Create the 'Quick Response Card' (connection sheet)

Procedure

1. Open the 'Support' - 'About' tab
2. From the 'Downloads' section, click 'Quick Response Card'
   The 'Quick Response Card' is automatically generated and opened in a web browser window. It contains:
   - a Quick Response (QR) code,
   - the URL of the Océ Mobile WebTools on printer,
   - the basic connection instructions,
   - the optional Wi-Fi settings and passwords.

Result

You can print it on any printer.

Connect your mobile device to the Océ Mobile WebTools

Purpose

From the Océ Mobile WebTools you can:
- Print a document that is available on your mobile device
- Save a scanned document to your mobile device

You can connect to the Océ Mobile WebTools by scanning the QR code (then you need the application to scan QR codes on your mobile device) or by entering the printer's URL for mobile in the mobile web browser.

Before you begin

- Make sure you comply with the connection requirements (see: *Connection requirements* on page 83)
- Make sure the system is configured (see: *Configure Océ Express WebTools for a mobile connection* on page 85)
- Make sure the [Quick Response Card] of the printer is available to you (see: *Generate the 'Quick Response Card'* on page 87).
- Activate the Wifi connection from your mobile. Enter the Wi-Fi settings/credentials when needed.

Required tools

A compatible mobile device

A compatible mobile web browser

Connect to the Océ Mobile WebTools using the QR code

Procedure

1. From your mobile device, open the application that scans the QR codes.
2. Scan the QR code displayed on the 'Quick Response Card'.
   It opens the Océ Mobile WebTools in the web browser.
3. When requested, enter the password to connect to the Océ Mobile WebTools.
   This password is displayed on the 'Quick Response Card'. In case it is not available, contact the System administrator.

   NOTE
   Contact your System administrator in case the connection fails.

Connect to the Océ Mobile WebTools using the printer's URL

Procedure

1. From your mobile device, open a web browser.
2. Type in the URL of the Océ Mobile WebTools that is displayed on the [Quick Response Card]
   Example: 'http://[hostname(.domain)]/MobileWebTools
3. When requested, enter the password to connect to the Océ Mobile WebTools.
   This password is displayed on the [Quick Response Card]. In case it is not available, contact the System administrator.

   NOTE
   Contact your System administrator in case the connection fails.
   For additional support information, please contact your Canon local representative: *"http://www.canon.com/support/"*.

Result

The Océ Mobile WebTools opens in the web browser of the mobile device.

You can now print a file from your mobile device or save a scanned file to it.

IPv6 support

Printer compatibility with IPv6

Introduction

The following printing system supports the IPv6 implementation as described in this section.

Océ ColorWave/PlotWave printing systems

- Océ PlotWave 300 1.2 and higher
- Océ PlotWave 340
- Océ PlotWave 345
- Océ PlotWave 350
- Océ PlotWave 360
- Océ PlotWave 365
- Océ PlotWave 450
- Océ PlotWave 500
- Océ PlotWave 550
- Océ PlotWave 750 1.0.1 and higher
- Océ PlotWave 900 1.1.1 and higher
- Océ ColorWave 300 1.1 and higher
- Océ ColorWave 500
- Océ ColorWave 550 (R2 and R3)
- Océ ColorWave 600 1.2 and higher
- Océ ColorWave 650 (R2 and R3)
- Océ ColorWave 650PP
- Océ ColorWave 700

For a description of the IPv6 implementation (settings, related features, limitations), see:

- *IPv6 for Océ PlotWave 300/350, Océ ColorWave 300, Océ TDS/TCS/TC4 systems* on page 91
- *IPv6 for Océ ColorWave 550/6x0 R2/650PP systems* on page 93
- *IPv6 for Océ PlotWave 340/345/360/365/450/500/550/750/900 and Océ ColorWave 500/550/650 R3/700 systems* on page 95

Océ TCS/TDS printing systems

- Océ TDS450 3.7.1 and higher
- Océ TDS700 1.8.2 and higher
- Océ TDS750 1.2.2 and higher
- Océ TCS300 1.8.2 and higher
- Océ TCS500 1.8.2 and higher
- Océ TC4 1.8.2 and higher

For a description of the IPv6 implementation (settings, related features, limitations), see:

IPv6 for Océ PlotWave 300/350, Océ ColorWave 300, Océ TDS/TCS/TC4 systems on page 91

IPv6 for Océ PlotWave 300/350, Océ ColorWave 300, Océ TDS/TCS/TC4 systems

Introduction

The IPv6 implementation described in this section applies to the following Océ print systems:

- Océ PlotWave 300
  Océ PlotWave 350
- Océ ColorWave 300
- Océ TDS450
  Océ TDS7x0
- Océ TCS300
  Océ TCS500
- Océ TC4

Find below a description of this implementation:

- the settings
- the related features
- the limitations

IPv6 available settings

The IPv6 settings are located on the print controller (Océ Express WebTools or Océ Settings Editor, according to the printer model), generally under the 'Connectivity' tab.

Possible definitions:

- IPv6 setting: enable / disable
- IPv6 manual address
- IPv6 manual gateway address
- IPv6 link local address (not changeable)
- IPV6 stateless address (not changeable)

Features related with IPv6

The next table shows the features available in relation with the IPv6 settings.

Feature	Description
IPv6 addresses	• Link local addresses (fe80:...): this address is determined automatically and cannot be changed, it can be used for local network only, since it is not routable. • Stateless autoconfigured addresses (Router advertisement): this address is determined automatically and cannot be changed. It is routable. • IPv6 manual address (Global unicast address) • IPv6 manual gateway address
Protocols supported by the system	• Print: FTP, LPR, HTTP, HTTPS • Scan: Scan-To-File via FTP
Compatibility with WPD printer discovery	• From WPD 1.19.2 • All versions of WPD2
Compatibility with Security levels	• High • Medium/High • Medium • Normal

Limitations

- A pure IPv6 network is not supported (only IPv6 + IPv4; e.g. DNS).
- The DHCPv6 protocol is not supported.
- The SNMP agent (for system supporting it) is not supported on IPv6.
- Scan-to-File via SMB is not supported on IPv6.
- NetBIOS over TCP/IP is not supported on IPv6.
- The IPv6 configuration is not accessible from the Printer Local Panel.
- An IPv6 setting change requires a reboot of the printing system.

IPv6 for Océ ColorWave 550/6x0 R2/650PP systems

Introduction

The Océ ColorWave 550, 600,650 R2, 650PP printing systems support the IPv6 implementation.

Find below a description of this implementation:
- the settings
- the related features
- the limitations

IPv6 available settings

The IPv6 settings are located on the Océ Express WebTools, generally under the 'Connectivity' tab.

Possible definitions depending on system type:
- IPv6 setting: enable / disable
- IPv6 link local address (not changeable)
- IPV6 stateless address (not changeable)
- IPv6 manual address
- IPv6 default gateway address
- IPv6 DNS address
- DHCP over IPV6
- IPv6 DHCP address
- IPv6 DNS by DHCP
- IPv6 gateway address by DHCP

Features related with IPv6

The next table shows the features available in relation with the IPv6 settings.

Feature	Description
IPv6/IPV4 configuration	• IPv6 only • IPv4 only • IPv6 and IPv4
IPv6 addresses	• Link local addresses (fe80:...): this address is determined automatically and cannot be changed, it can be used for local network only, since it is not routable. • Stateless auto-configured addresses (Router advertisement): this address is determined automatically and cannot be changed. It is routable. • IPv6 manual address (Global unicast address) • IPv6 manual gateway address
Protocols supported by the system	• Print: FTP, LPR, HTTP • DNS lookup • DHCP over IPV6 • Scan: Scan-To-File via FTP
Compatibility with WPD printer discovery	from WPD 1.20

Limitations

- Scan-to-File via SMB is not supported on IPv6.
- NetBIOS over TCP/IP is not supported on IPv6.

IPv6 for Océ PlotWave 340/345/360/365/450/500/550/750/900 and Océ ColorWave 500/550/650 R3/700 systems

Introduction

The Océ PlotWave 340/360, Océ PlotWave 345/365, Océ PlotWave 500, Océ PlotWave 450/550, Océ PlotWave 750, Océ PlotWave 900 R2, and the Océ ColorWave 500/550/650 R3/700 printing systems support the IPv6 implementation.

Find below a description of this implementation:
- the settings
- the related features
- the limitations

IPv6 available settings

The IPv6 settings are located on the Océ Express WebTools, generally under the 'Connectivity' tab.

Possible definitions depending on system type:
- IPv6 and IPv4, IPv6 only
- IPv6 link local address (not changeable)
- IPV6 stateless address (not changeable)
- IPv6 manual address
- IPv6 default gateway address
- IPv6 DNS address
- DHCP over IPV6
- IPv6 DHCP address
- IPv6 DNS by DHCP
- IPv6 gateway address by DHCP

Features related with IPv6

The next table shows the features available in relation with the IPv6 settings.

IPv6 settings

Feature	Description
IP type	• IPv6 only • IPv6 and IPv4 • IPv4 only
IPv6 addresses	• Link local addresses (fe80:...): this address is determined automatically and cannot be changed, it can be used for local network only, since it is not routable. • Stateless auto-configured addresses (Router advertisement): this address is determined automatically and cannot be changed. It is routable. • Stateful auto-configured (DCHPv6) addresses • IPv6 manual address (Global unicast address) • IPv6 manual gateway address
IPsec and IPv6	Only for Océ PlotWave 340/345/360/365/450/500/550 and for Océ ColorWave 500/550/650 R3/700 (not yet supported for Océ PlotWave 750/900)

Feature	Description
Protocols supported by the system	• Print: FTP, LPR, HTTP • DNS lookup • DHCP over IPV6 • Scan: Scan-To-File via FTP • Scan: Scan-To-File via SMB (except for Océ ColorWave 550/650 R3) • Print from Cloud (WebDAV protocol) (only for Océ PlotWave 340/345/360/365/450/500/550 and Océ ColorWave 500/700) • Scan to Cloud (WebDAV protocol) (only for Océ PlotWave 340/345/360/365/450/500/550 and Océ ColorWave 500/700)
Compatibility with security levels (applies only to Océ PlotWave 750/900)	• High • Medium/High • Medium • Normal
Compatibility with WPD printer discovery	from WPD2 2.7

Limitations

- Océ ColorWave 550/650 R3
  - WSD discovery does not work in an IPv6 only environment
- Océ PlotWave 750/900
  - SNMP is not supported on IPv6
  - It is impossible to use the IPv6 address when specifying the IP address of an SMB scan destinations over IPv6 (local link address or stateful or stateless). You must use the hostname instead.
- Océ PlotWave 340/345/360/365/450/500/550 and Océ ColorWave 500/700
  - When you configure the printing system and the possible external locations for SMB, you cannot use the IPv6 address without a prior edition.
    In fact, the traditional IPv6 address must be edited:
    - Replace the ':' sign by a '-' sign.
    - Add '`.ipv6.literal.net`' at the end of the address.

    For example:
    - The IP address of the remote destination is `2001:db8:ffff:2:224:e8ff:fe46:6cba`
    - A shared remote folder, named 'scans', is available on this external location.
    - To access to the shared remote folder, the user must type in the following address in the Windows Explorer: `\\2001-db8-ffff-2-224-e8ff-fe46-6cba.ipv6.literal.net\scans`
  - Fixed DHCPv6 configuration is not recommended. Indeed, an upgrade can change the AID/DUID used for the DHCPv6 server to assign the IPV6 address. Prefer:
    - The Dynamic DHCPV6 configuration.
    - A fixed manual IPV6 address (mixed IPV4/IPV6 is required in order to configure the IPV6 address with Océ Express WebTools).

Chapter 3
Print via LPD/LPR

Printer server configuration in a Client/Server architecture

Introduction to Printer Server configuration

The two following sections describe how to setup an Océ TDS/TCS and ColorWave/PlotWave Print Server and an associated workstation, in a Client/Server configuration.

In this configuration, printer data are sent twice on the network:
- From the user workstation to the Print Server workstation.
- From the Print Server workstation to the Océ TDS/TCS and ColorWave/PlotWave printer controller.

NOTE
You MUST be logged on as a system administrator to perform these operations on the print server.

Updates

You can update the drivers locally on the Print Server by getting the updates from the Océ web site.

Administration

On the Print Server, you can fully administrate the Océ TDS/TCS and ColorWave/PlotWave Printer Resource.

Media Setup

On the Print Server, you can fully administrate the Océ TDS/TCS and ColorWave/PlotWave Printer Media.

Document Setup

On the Print Server, you can fully administrate the Océ TDS/TCS and ColorWave/PlotWave Printer Document Format.

About the print port

Introduction

The print port is used to send data from your Print Server (or workstation) to the printer controller. It is represented by the printer driver. The printer driver is the tool you concretely use to communicate with the printer controller (usually, from an application).

For performance reasons, Océ now recommends to use the Standard TCP/IP print port (with LPR printing protocol, byte count disabled) as an optimal choice. Standard TCP/IP port is available by default on Windows platforms.

Use the Océ Connect Assistant to select and configure the best print port for your printer. With the Océ Connect Assistant, you do not need to manually create a print port.

NOTE
If your printing protocol uses the LPR port, the Océ Connect Assistant preserves this choice. To change this choice, delete the LPR port before you run the Océ Connect Assistant ([Installation Wizard] of the printer driver).

Recommendations for the print port configuration

Procedure

1. The [Installation Wizard] is configured to select the best print port to use according to your connectivity needs.
   Just follow the [Installation Wizard] instructions and keep the default values: the Océ Connect Assistant makes the optimal choice for you.
2. You may need to define another print port. If so, Océ recommends you to do so through the [Custom installation] - [Use a specific connectivity] option of the [Installation Wizard].
3. You may want to know what are the print ports installed on your print server.
   The list of your print ports is available from the Port tab of your 'Print Server Properties':

Windows OS	Action
Windows Vista/Server 2008	From the Windows ‘Start’ menu, select 'Control panel' - 'Printers'. Right-click anywhere in the printers' window. Select 'Server Properties'
Windows 7/Server 2008 R2	From the Windows ‘Start’ menu, select 'Devices and Printers'. Click on any printer icon. Then, from the title bar, click 'Print Server Properties.'
From Windows 8/10/Server 2012 (R2)	From the Desktop view, make a right-click in the bottom left corner of the screen. Select 'Control Panel'. Then, select 'Devices and Printers'. Click on any printer icon. Then, from the title bar, click 'Print Server Properties.'

Prepare the print server

Before you begin

Make sure the driver you are about to install can be combined with your printer and operating system (see *Compatibility matrix of the printer drivers* on page 15).

NOTE
We recommend to use Océ WPD2, with all the PlotWave and ColorWave systems (except with the CW810/900/910).
Use also the Océ WPD2 if you do not have the PostScript licence.

NOTE
We recommend to use Océ WPD with the Océ TDS/TCS systems.

NOTE
We recommend to use Océ PS3 with the Océ ColorWave 810, 900 and 910 systems (not compatible with the WPD2 driver).

1. Get the installation files

Procedure

1. Go to the Corporate Downloads Website: *"http://downloads.oce.com/"*.
2. Select your printer model and click 'Search'.
3. From the 'Drivers & Software' tab, select the Type 'Drivers'.
4. Select your 'Operating System' and your 'Language'.
5. From the list, select the driver to install.
   Follow the download and retrieval instructions (from the 'Info' column).
6. Log on as the system administrator of your computer, and go to the directory where you saved the executable file.

2. Install the printer driver on the print server

Procedure

If you want to install	Then see
the Océ WPD/Océ WPD2 printer driver	*Install Océ WPD/WPD2 on the print server* on page 103
the Océ Adobe PostScript 3 printer driver	*Install Océ PS3 on the print server* on page 111

Caution concerning the printer names

When to do

If you are installing the Océ printer driver on a Windows platform:

- The printer name may include up to a maximum of 220 characters.
- Do not use special characters ([!], [,], [/]).

Install WPD/WPD2 on the print server

NOTE
The next procedures apply to both Windows printer drivers: Océ WPD and Océ WPD2. In that case, the generic name 'WPD' is used to refer to both printer drivers.

1. Prepare the print server and the installation files

Make sure you are ready to configure the print server.

See: *Prepare the print server - Get the installation files* on page 100

2. Select the installation mode

Procedure

1. Launch the [Installation Wizard] (double-click on the executable file: <driver>.exe).

   NOTE
   From Windows 8 and Windows Server 2012, launch the [Installation Wizard] from the Desktop view.

2. Select your language and click [Install].

   NOTE
   [Unpack files] enables to save the installation files that compose the printer driver. It does not save the [Installation Wizard] for a future use. This function is reserved to advanced users only, in order to build scripts, for instance.

3. Click [I agree] to accept the licence agreement.
4. The [Installation Wizard] searches for previous versions of the printer driver already installed:

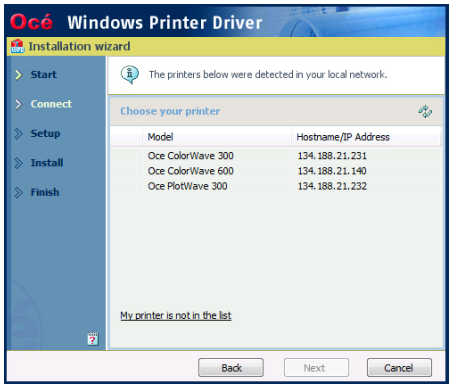
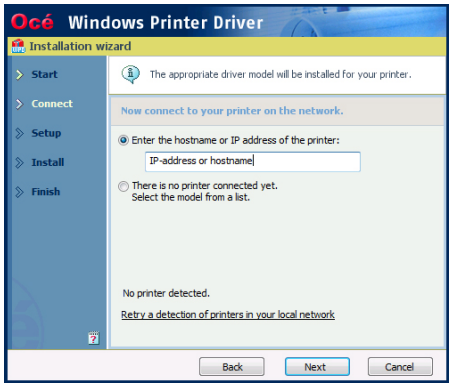
If	Then
a driver is already installed from a print server (Client/Server configuration),	the installation cannot be performed. The process is stopped.
a former version of the driver is installed,	you can upgrade the driver and existing printers, and install a new one. Follow this procedure.
no previous version is detected,	you install a new printer. Follow this procedure.

5. Select the installation mode: [Express installation] or [Custom installation].
   Click [Next].

3. Connect to the printer model

Procedure

1. The [Installation Wizard] searches for connected printers:

If	Then
your printer is detectable (see: *Printer discovery with Océ WPD/WPD2* on page 21)	The setup automatically detects your printer. Select it from the list to confirm.  [10] Detected printers
no printer is detected (see: *Printer discovery with Océ WPD/WPD2* on page 21)	 [11] No printer detected - Printer not detectable • Make sure the printer is connected to your network. • Make sure the printer status is Ready. • Click [Retry a detection of printers in your local network]. • If unsuccessful, enter the hostname or IP address of the printer.
your printer is not detected (see: *Printer discovery with Océ WPD/WPD2* on page 21)	• Make sure the printer is connected to your network. • Make sure the printer status is Ready. • Click the 'Refresh' icon . • If unsuccessful, click [My printer is not in the list]. • Enter the hostname or IP address of the printer

   Click [Next].
2. Follow the instructions on the screen. Find more details in the next procedures:
   - *Express installation* on page 106
   - *Custom installation* on page 108

   NOTE
   From the [Installation Wizard], click the [?] icon to get contextual information.

4. Install the printer driver: [Express installation]

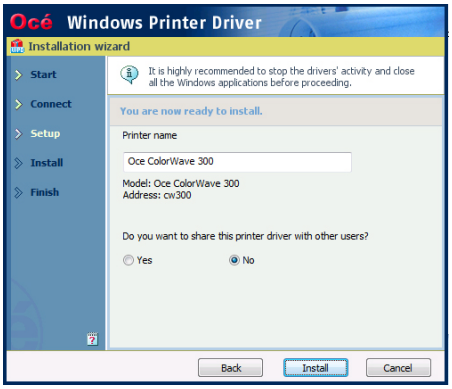
NOTE
In a Client/Server architecture, one of the goal is to share the main resources like printers and printer drivers.
In the below installation procedures, share the printer driver. In the step 2, select 'Yes'.

Procedure

1. The Océ Connect Assistant is launched. It connects to the printer controller in order to retrieve the printer model and the printer information.
   When detected, the printer model is displayed. Else, select your printer model from the list.

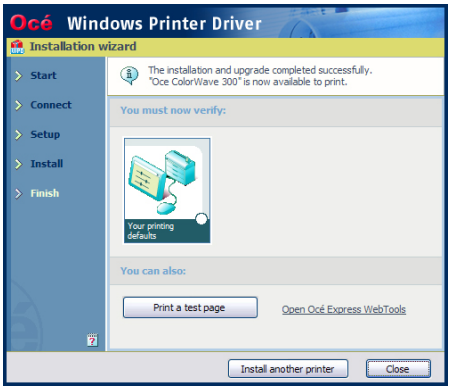
   NOTE
   When you select the printer model from the list, there is no back-channel performed during the installation.

   Click [Next].
2. Type a name for the new printer (see *Caution concerning the printer names* on page 102).
   Check 'Yes' when you are requested to share the printer driver.



[12] Printer information

   Click [Install].
   The [Installation Wizard] performs the driver installation and configuration.
3. Once the driver is installed, click [Your printing defaults] to define the default values for your print settings.
   Then, you can:
   - Verify the options of your printer, in the absence of back-channel ([Your printer options])
   - [Print a test page]
   - [Open Océ Express WebTools] to verify the printer controller configuration
   - [Install another printer] or exit the [Installation Wizard].



[13] Finish the installation

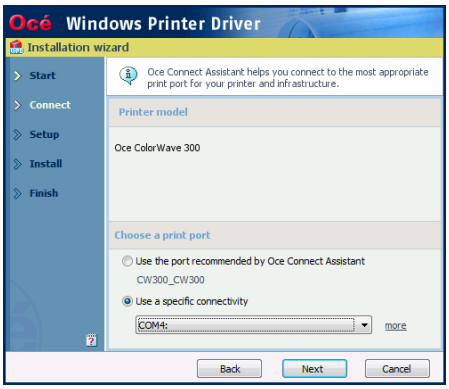
NOTE
A shortcut [Uninstall] is created in the 'Start' menu of your Windows workstation ('Start' - '(All) Programs' - 'Oce' - 'Oce WPD/WPD2').
From the 'Start' menu you can also access additional resources (the user manual and animated PDF files).

4. Install the printer driver: [Custom installation]

Procedure

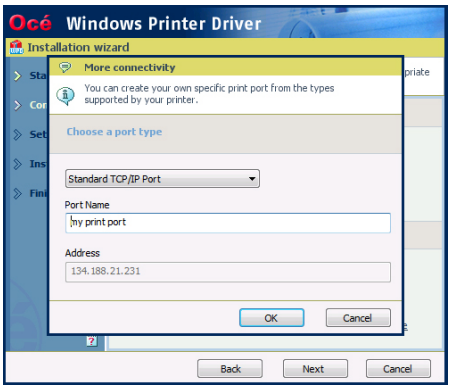
1. The Océ Connect Assistant is launched. It connects to the printer controller in order to retrieve the printer model and the printer information.
When detected, the printer model is displayed. Else, select your printer model from the list.

NOTE
When you select the printer model from the list, there is no back-channel performed during the installation.

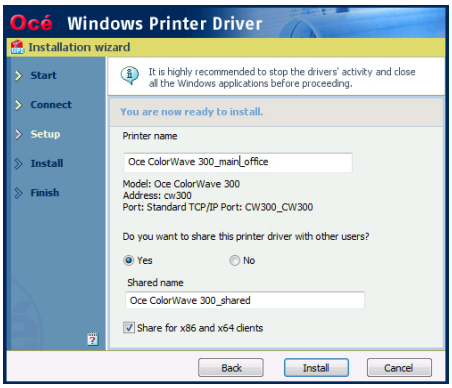


[14] Define the print port

From this screen, you can also select the print port you want to use:

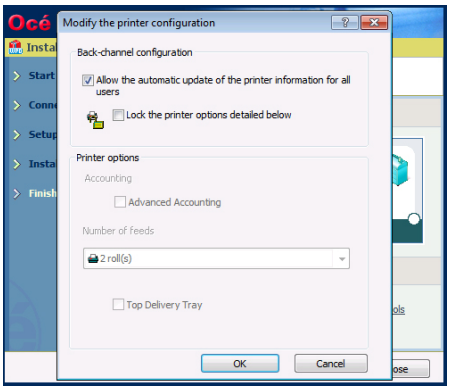
If you want to	Then
select the print port proposed by the Océ Connect Assistant	1. Select [Use the port recommended by Oce Connect Assistant.] 2. Click [Next].
define your own print port for a specific connectivity	1. Select [Use a specific connectivity]. 2. Select a print port from the drop-down list, or click [More] to define your own print port.  [15] Define more connectivity

2. Prepare the installation:

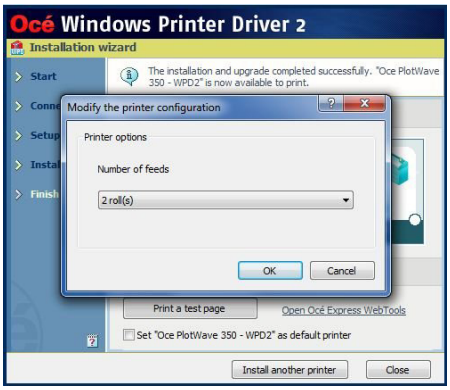
Step	Action	Illustration
1	Type a name for the new printer (see *Caution concerning the printer names* on page 102).	 [16] Share your printer and its driver
2	Check 'Yes' when you are requested to share the printer driver.	
3	1. Type a name for the shared printer. 2. Indicate if you want to share the printer on all platforms: both, x86 and x64 bit client workstations. 3. Untick the box if you want to install only the printer driver for x86 client workstations.	
4	Click [Install]. The [Installation Wizard] performs the driver installation and configuration.	

3. Once the driver is installed, click [Your printer options] to verify the options of your printer. Then, you can:

- Define the default values for your print settings ([Your printing defaults])
- Define the default values for the [Language], [Units] and [Page size filtering] settings ([Your regional settings] - from WPD v1.19.1 and from WPD2 v2.x)
- [Print a test page]
- Define the printer as the default printer for your workstation
- [Open Océ Express WebTools] to verify the printer controller configuration
- [Install another printer] or exit the [Installation Wizard].



[17] Define the printer options - Océ WPD 1.x



[18] Define the printer options - Océ WPD2 v2.x

NOTE
A shortcut [Uninstall] is created in the 'Start' menu of your Windows workstation ('Start' - '(All) Programs' - 'Oce' - 'Oce WPD/WPD2').
From the 'Start' menu you can also access additional resources (the user manual and animated PDF files).

Install Océ PS3 on the print server

1. Prepare the print server and the installation files

Make sure you are ready to configure the print server.

See: *Prepare the print server - Get the installation files* on page 100

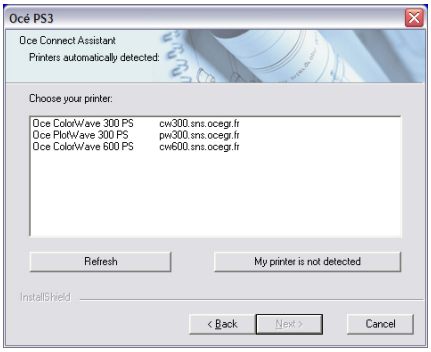
2. Install the printer driver

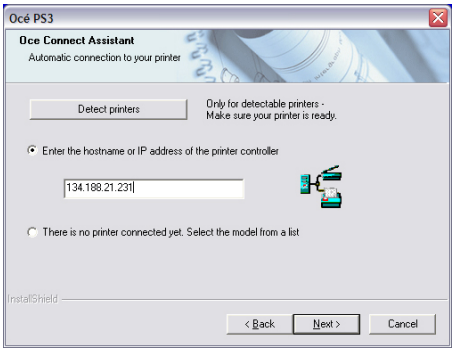
Procedure

1. Launch the [Installation Wizard]. (In the Windows Explorer, browse to find the directory where the Océ PostScript 3 distribution is located and double-click 'Setup.exe'.)
2. Select the setup language if requested.
   The installer is launched.

   NOTE
   If requested, you must first 'allow the program'.

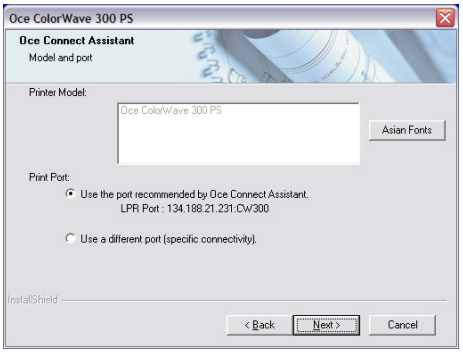
3. Click 'Next' and accept the licence agreement.
   If requested, select your language and click 'Next'.
4. When installing the printer driver:

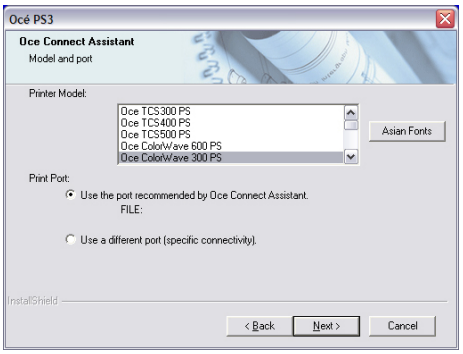
If	Then
your printer is detectable (the printer must be connected to your local sub-network, and powered on; see: *Printer discovery with Océ WPD/WPD2* on page 21)	the installation wizard automatically detects it. Select it from the list and click 'Next'. 

If	Then
the printer is connected to the network, but it is not detected,	fill in the host name or the IP address of the printer. • If the printer IP address is not supposed to be changed, use it in preference (Fixed IP address or DHCP reservation). • If the IP address can be changed (DHCP), use the host name.  NOTE The format of the IP address can be IPv4 or IPv6. NOTE For IPv6 address, we recommend to use the DNS.
the printer is not connected to the network, (you will connect it later on, or you just want to use the printer driver),	select 'There is no printer connected yet...' and click 'Next'.

The Océ Connect Assistant connects to the printer.

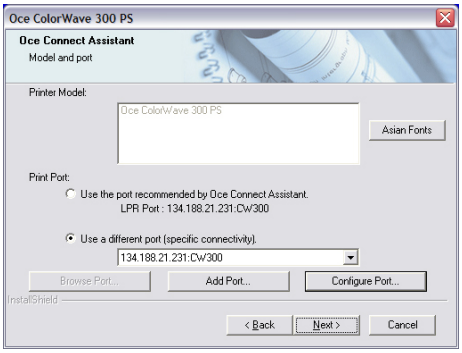
5. From the 'Model and Port' window:

If	Then
the printer is connected to the network,	the Océ Connect Assistant displays the printer model and the appropriate printing port. 

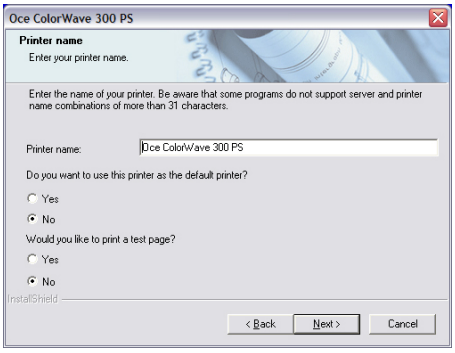
If	Then
the printer is not connected to the network,	select the printer model.  The Océ Connect Assistant selects the appropriate printing port. NOTE As your printer is not connected to a network, the Océ Connect Assistant defines a 'FILE' printing port. To print from your printer, you must define another printing port from the printer's Properties.

NOTE
If you have the Asian licence that enables to print a set of specific asian fonts:
1. Click 'Asian Fonts'.
2. Select the set of fonts you need.
3. Click 'Next' to confirm.

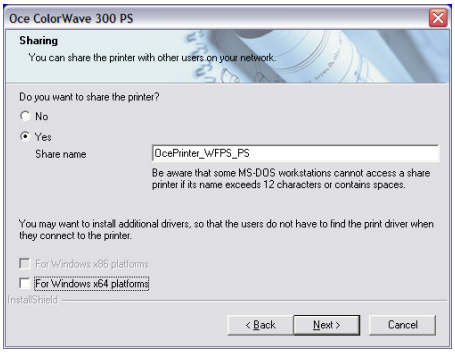
NOTE
If you want to define your own specific print port, select 'Use a different port'.



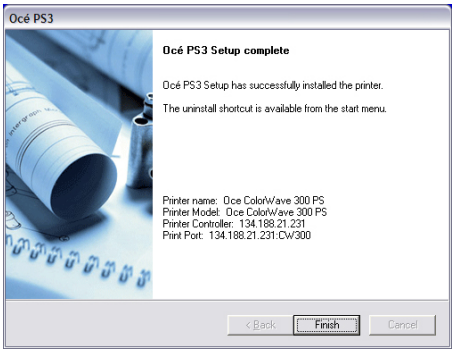
6. Name the printer and click 'Next'.



7. In the 'Sharing' window, click 'Yes' to share the printer and define a share name.
   Check the box for additional drivers if you need to connect the print server with several workstations running under different operating systems (e.g., Windows 64-bits).



8. Click 'Next'.
   Files are copied on your system.
   A summary screen appears.
9. Finish the installation.
   Restart your workstation if requested.



[19] Summary of the installation

Client configuration in a Client/server architecture (all systems)

Introduction to the Client configuration

This section describes the client workstation setup to use the Océ printer resource on a network via the TCP/IP protocol.

The detailed installation process of each Océ driver is described in the associated User Manual or Installation Guide (available from *"http://downloads.oce.com/ProductDownloads/Index/219"*).

Deploy the printer driver in a Client workstation

Introduction

This section describes the procedure to install a printer on a client workstation.

Before you begin

Before you start, make sure the driver you are about to install can be combined with your printer and operating system (see *Compatibility matrix* on page 15).

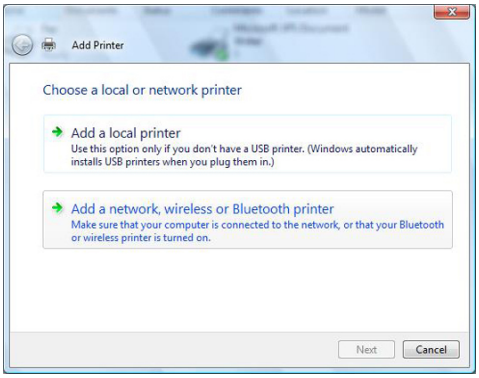
Install a printer on client workstation running on a Windows operating system

Procedure

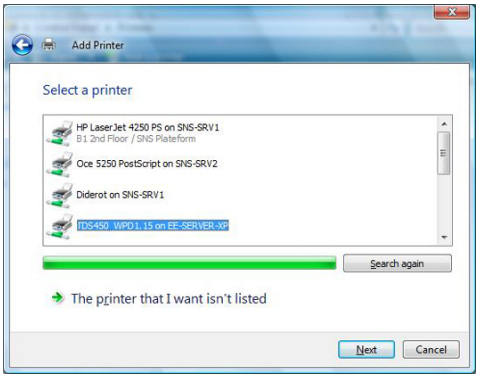
1. Open the 'Printers' window:

If your Windows OS is	Then open
Windows Vista	Start - Control Panel - (Hardware and Sound -) Printers
Windows Server 2008/ Server 2008R2	
Windows 7	Start - Devices and printers
Windows 8/ 8.1/ 10	Right-click in the bottom left corner: Control Panel - Devices and Printers
Windows Server 2012/ Server 2012R2	

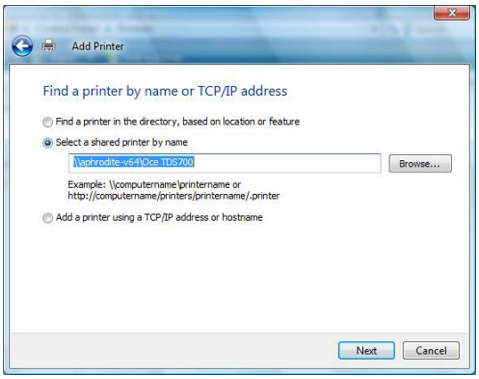
2. Click 'Add Printer' to launch the 'Add Printer' wizard.
3. If requested, click 'Add a network, wireless or Bluetooth printer'.



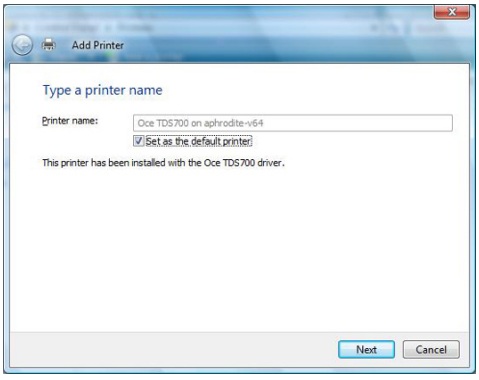
4. Search for the print server and the printer among those listed in the Active Directory:
   - if it is listed, click 'Next'.
   - if it is not listed, click 'The printer that I want isn't listed' and 'Next'.



5. Select 'Select a shared printer by name' and enter the printer share name.
   You can also click 'Browse...', then double click the print server and the printer.
   Click 'Next'.



6. Click 'Install driver', then 'Continue'.
7. Uncheck the case 'Set as the default printer' if necessary and click 'Next'.



8. Click 'Finish' to complete the installation.

Print from AutoCAD® on the Client workstation

Introduction

The next procedures apply to both Windows printer drivers: Océ WPD and Océ WPD2. In that case, the generic name 'WPD' is used to refer to both printer drivers.

From AutoCAD applications, you can connect to the Océ printers with WPD.

NOTE
WPD is optimised for AutoCAD.

The connection procedure is detailed below. It applies to all OS.

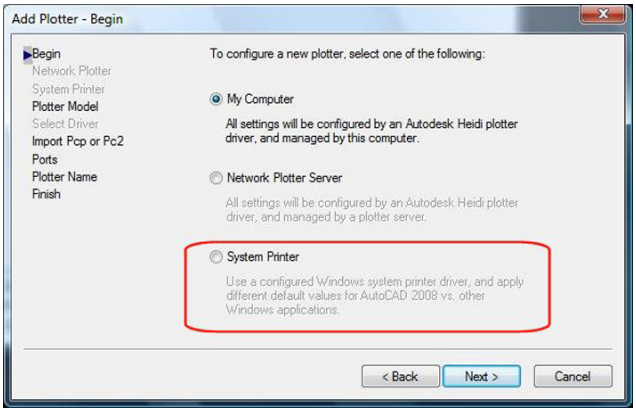
Before you begin

Make sure you installed the latest version of WPD (available from the Downloads website: *"http://downloads.oce.com"* - 'Océ Wide Format Printer Drivers' section).

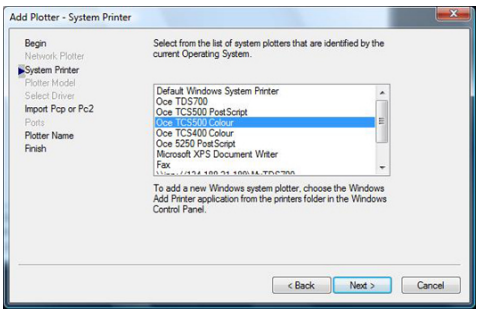
Connect to an Océ TDS/TCS/PlotWave/ColorWave printer with WPD (except CW810/900/910)

Procedure

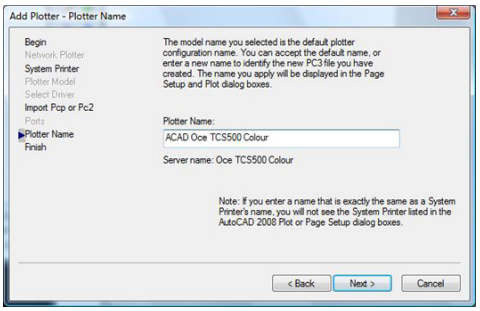
1. In the AutoCAD menu, select 'FILE - PLOTTER MANAGER'.
2. Double-click 'Add-A-Plotter Wizard' and click 'Next'.
3. Select 'System Printer' and click 'Next'.



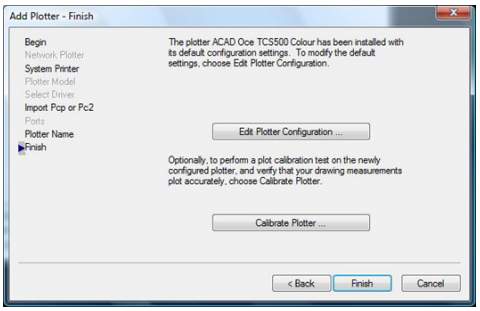
4. Select the system plotter associated with WPD driver and click 'Next' twice.



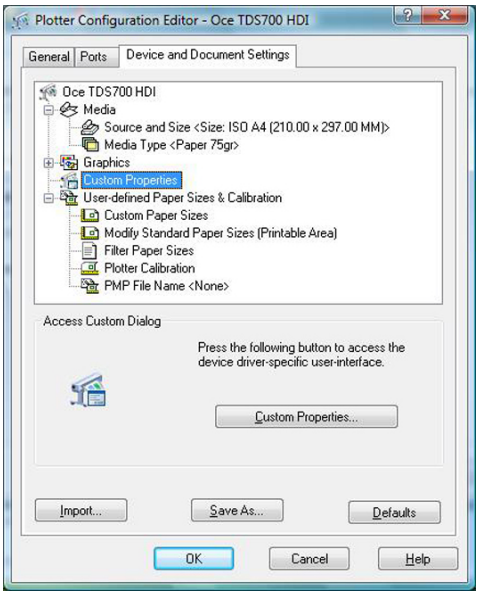
5. Enter a new plotter name (to distinguish it from the default name of the system plotter associated with WPD driver) and click 'Next'.



6. Click 'Edit plotter configuration'.



7. Select 'Custom Properties' in the list and
The 'Access Custom Dialog' part dynamically appears.



Click the 'Custom properties' button.

8. Setup the printer parameters.
9. Click 'OK' twice and 'Finish'.

Peer to peer configuration

Prepare the workstation

Before you begin

Make sure the driver you are about to install can be combined with your printer and operating system (see *Compatibility matrix* on page 15)

NOTE
We recommend to use Océ WPD2, with all the PlotWave and ColorWave systems (except with the CW810/900/910).
Use also the Océ WPD2 if you do not have the PostScript licence.

1. Get the installation files

Procedure

1. Go to the Corporate Downloads Website: *"http://downloads.oce.com/"*.
2. Select your printer model and click 'Search'.
3. From the 'Drivers & Software' tab, select the Type 'Drivers'.
4. Select your 'Operating System' and your 'Language'.
5. From the list, select the driver to install.
   Follow the download and retrieval instructions (from the 'Info' column).
6. Log on as the system administrator of your computer, and go to the directory where you saved the executable file.

2. Install the printer driver on the workstation

Procedure

If you want to install	Then see
the Océ WPD/WPD2 printer driver	*Install Océ WPD/WPD2 on the workstation* on page 124
the Océ Adobe PostScript 3 printer driver	*Install Océ PS3 on the workstation* on page 132

Caution concerning the printer names

If you are installing the Océ printer driver on a Windows platform:

1. The printer name may include up to a maximum of 220 characters.
2. Do not use special characters ([!], [,], [/]).

Install WPD/WPD2 on the workstation

Introduction

The next procedures apply to both Windows printer drivers: Océ WPD and Océ WPD2. In that case, the generic name 'WPD' is used to refer to both printer drivers.

1. Prepare the workstation and the installation files

Procedure

1. Make sure you are ready to configure the workstation.
   See: *Prepare the workstation - Get the installation files* on page 121

2. Select the installation mode

Procedure

1. Launch the [Installation Wizard] (double-click on the executable file: <driver>.exe).
2. Select your language and click [Install].

   NOTE
   [Unpack files] enables to save the installation files that compose the printer driver. It does not save the [Installation Wizard] for a future use. This function is reserved to advanced users only, in order to build scripts, for instance.

3. Click [I agree] to accept the licence agreement.
4. The [Installation Wizard] searches for previous versions of the printer driver already installed:

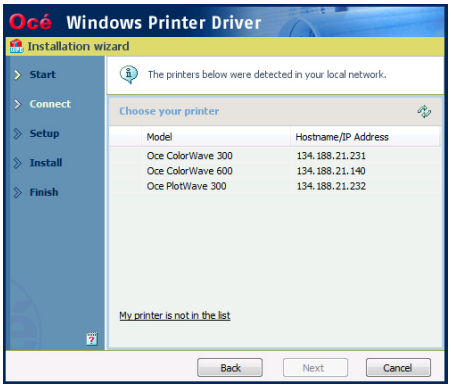
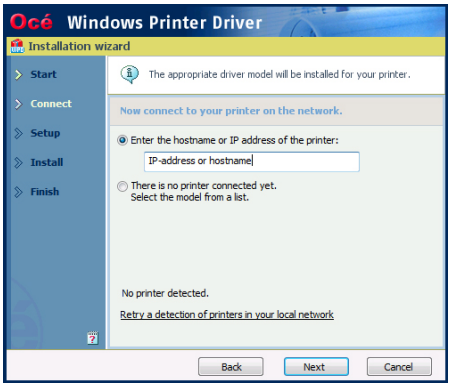
If	Then
a driver is already installed from a print server (Client/Server configuration),	the installation cannot be performed. The process is stopped.
a former version of the driver is installed,	you can upgrade the driver and existing printers, and install a new one. Follow this procedure.
no previous version is detected,	you install a new printer. Follow this procedure.

5. Select the installation mode: [Express installation] or [Custom installation].
   Click [Next].

3. Connect to the printer model

Procedure

1. The [Installation Wizard] searches for connected printers:

If	Then
your printer is detectable (see: *Printer discovery with WPD/WPD2* on page 21)	The setup automatically detects your printer. Select it from the list to confirm.  [20] Detected printers
no printer is detected (see: *Printer discovery with Océ WPD/WPD2* on page 21)	 [21] No printer detected - Printer not detectable • Make sure the printer is connected to your network. • Make sure the printer status is Ready. • Click [Retry a detection of printers in your local network]. • If unsuccessful, enter the hostname or IP address of the printer.
your printer is not detected (see: *Printer discovery with WPD/WPD2* on page 21)	• Make sure the printer is connected to your network. • Make sure the printer status is Ready. • Click the 'Refresh' icon . • If unsuccessful, click [My printer is not in the list]. • Enter the hostname or IP address of the printer

   Click [Next].
2. Follow the instructions on the screen. Find more details in the next procedures:
   - *Express installation* on page 127
   - *Custom installation* on page 129

   NOTE
   From the [Installation Wizard], click the [?] icon to get contextual information.

4. Install the printer driver: [Express installation]

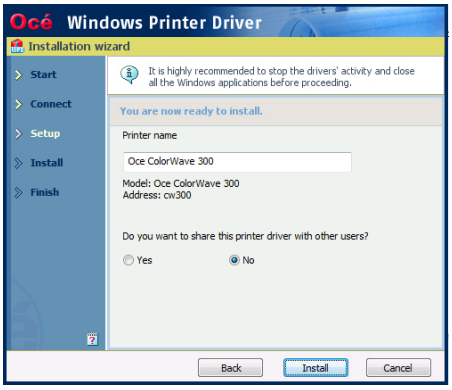
NOTE
In a Peer to peer architecture, do not share the printer driver on a workstation.
In the step 2 of the below procedures, select 'No'.

Procedure

1. The Océ Connect Assistant is launched. It connects to the printer controller in order to retrieve the printer model and the printer information.
   When detected, the printer model is displayed. Else, select your printer model from the list.

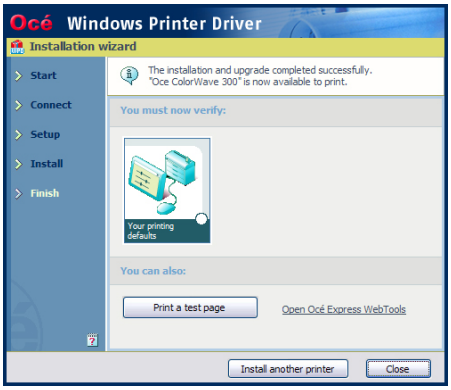
   NOTE
   When you select the printer model from the list, there is no back-channel performed during the installation.

   Click [Next].
2. Type a name for the new printer (see *Caution concerning the printer names* on page 123).
   Check 'No' when you are requested to share the printer driver.



[22] Printer information

   Click [Install].
   The [Installation Wizard] performs the driver installation and configuration.
3. Once the driver is installed, click [Your printing defaults] to define the default values for your print settings.
   Then, you can:
   - Verify the options of your printer, in the absence of back-channel ([Your printer options])
   - [Print a test page]
   - [Open Océ Express WebTools] to verify the printer controller configuration
   - [Install another printer] or exit the [Installation Wizard].



[23] Finish the installation

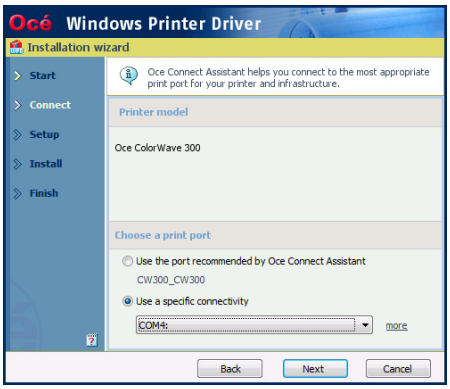
NOTE
A shortcut [Uninstall] is created in the 'Start' menu of your Windows workstation ('Start' - '(All) Programs' - 'Oce' - 'Oce WPD/WPD2').
From the 'Start' menu you can also access additional resources (the user manual and animated PDF files).

4. Install the printer driver: [Custom installation]

Procedure

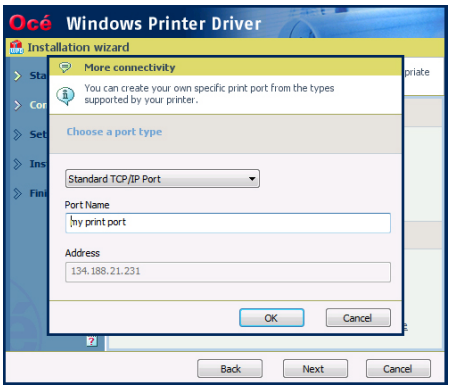
1. The Océ Connect Assistant is launched. It connects to the printer controller in order to retrieve the printer model and the printer information.
When detected, the printer model is displayed. Else, select your printer model from the list.

NOTE
When you select the printer model from the list, there is no back-channel performed during the installation.

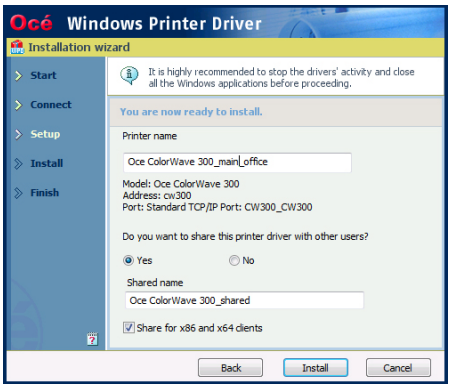


[24] Define the print port

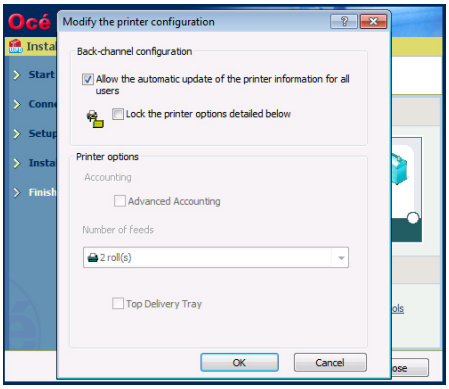
From this screen, you can also select the print port you want to use:

If you want to	Then
select the print port proposed by the Océ Connect Assistant	1. Select [Use the port recommended by Oce Connect Assistant.] 2. Click [Next].
define your own print port for a specific connectivity	1. Select [Use a specific connectivity]. 2. Select a print port from the drop-down list, or click [More] to define your own print port.  [25] Define more connectivity

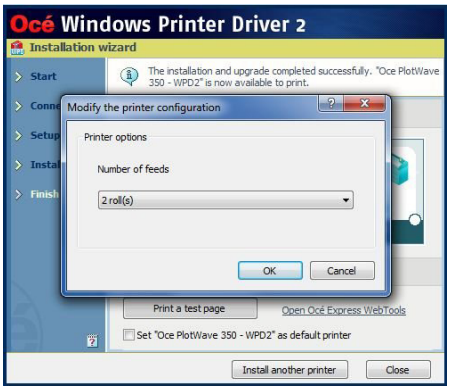
2. Prepare the installation:

Step	Action	Illustration
1	Type a name for the new printer (see *Caution concerning the printer names* on page 123).	 [26] Share your printer and its driver
2	Check 'No' when you are requested to share the printer driver.	
4	Click [Install]. The [Installation Wizard] performs the driver installation and configuration.	

3. Once the driver is installed, click [Your printer options] to verify the options of your printer. Then, you can:
   - Define the default values for your print settings ([Your printing defaults])
   - Define the default values for the [Language], [Units] and [Page size filtering] settings ([Your regional settings] - from WPD1.19.1)
   - [Print a test page]
   - Define the printer as the default printer for your workstation
   - [Open Océ Express WebTools] to verify the printer controller configuration
   - [Install another printer] or exit the [Installation Wizard].



[27] Define the printer options



[28] Define the printer options - Océ WPD2 v2.x

NOTE
A shortcut [Uninstall] is created in the 'Start' menu of your Windows workstation ('Start' - '(All) Programs' - 'Oce' - 'Oce WPD/WPD2').
From the 'Start' menu you can also access additional resources (the user manual and animated PDF files).

Install Océ PS3 on the workstation

1. Prepare the workstation and the installation files

Make sure you are ready to configure the workstation.

See: *Prepare the workstation - Get the installation files* on page 121

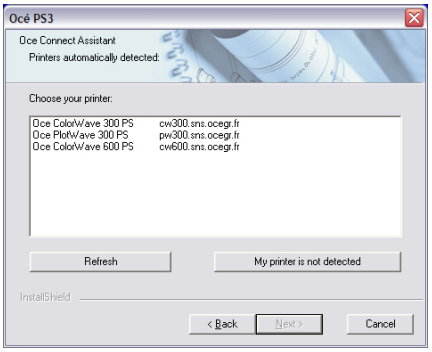
2. Install the printer driver

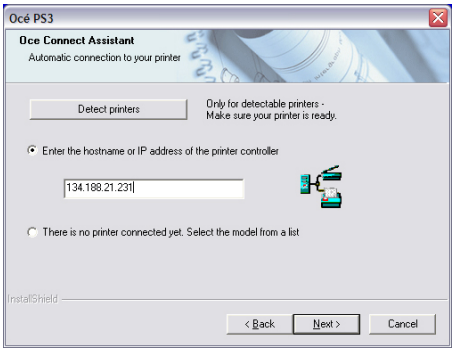
Procedure

1. Launch the [Installation Wizard]. (In the Windows Explorer, browse to find the directory where the Océ PostScript 3 distribution is located and double-click ‘Setup.exe’.)
2. Select the setup language if requested.
   The installer is launched.

   NOTE
   If requested, you must first 'allow the program'.

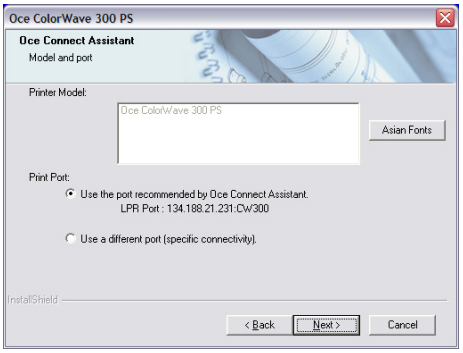
3. Click ‘Next’ and accept the licence agreement.
   If requested, select your language and click ‘Next’.
4. When installing the printer driver:

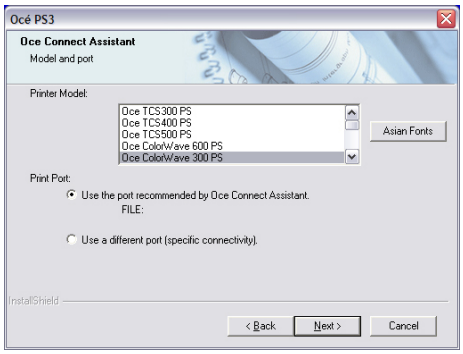
If	Then
your printer is detectable (the printer must be connected to your local sub-network, and powered on; see: *Printer discovery with Océ WPD/WPD2* on page 21)	the installation wizard automatically detects it. Select it from the list and click 'Next'. 

If	Then
the printer is connected to the network, but it is not detected,	fill in the host name or the IP address of the printer. • If the printer IP address is not supposed to be changed, use it in preference (Fixed IP address or DHCP reservation). • If the IP address can be changed (DHCP), use the host name.  NOTE The format of the IP address can be IPv4 or IPv6. NOTE For IPv6 address, we recommend to use the DNS.
the printer is not connected to the network, (you will connect it later on, or you just want to use the printer driver),	select 'There is no printer connected yet...' and click 'Next'.

The Océ Connect Assistant connects to the printer.

5. From the 'Model and Port' window:

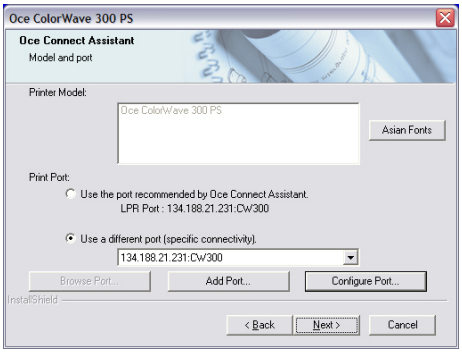
If	Then
the printer is connected to the network,	the Océ Connect Assistant displays the printer model and the appropriate printing port. 

If	Then
the printer is not connected to the network,	select the printer model.  The Océ Connect Assistant selects the appropriate printing port. NOTE As your printer is not connected to a network, the Océ Connect Assistant defines a 'FILE' printing port. To print from your printer, you must define another printing port from the printer's Properties.

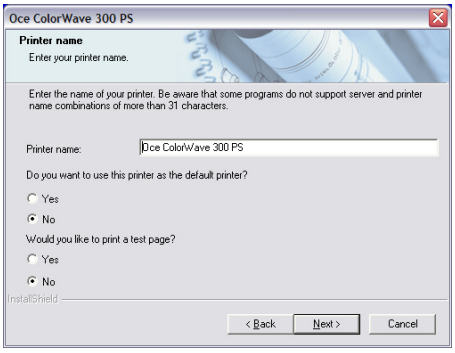
NOTE
If you have the Asian licence that enables to print a set of specific asian fonts:

1. Click 'Asian Fonts'.
2. Select the set of fonts you need.
3. Click 'Next' to confirm.

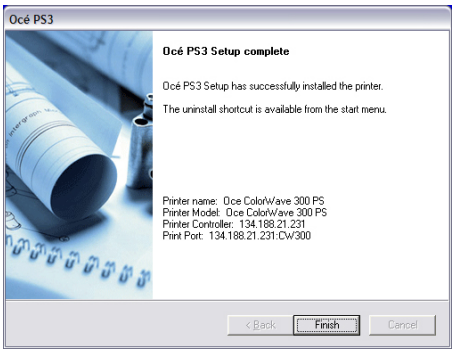
NOTE
If you want to define your own specific print port, select 'Use a different port'.



6. Name the printer and click ‘Next’.



7. In the ‘Sharing’ window, click ‘No’: do not share a printer driver on a workstation in a peer-to-peer configuration.
8. Click ‘Next’.
   Files are copied on your system.
   A summary screen appears.
9. Finish the installation.
   Restart your workstation if requested.



[29] Summary of the installation

Print from AutoCAD® on the workstation

Introduction

The next procedures apply to both Windows printer drivers: Océ WPD and Océ WPD2. In that case, the generic name 'WPD' is used to refer to both printer drivers.

NOTE
Make sure you installed the latest version of WPD (available from the Downloads website: *"http://downloads.oce.com"* - 'Océ Wide Format Printer Drivers' section).

From AutoCAD applications, you can connect to the Océ printers with the WPD.

The Océ WPD is optimised for AutoCAD. Océ recommends to use the WPD driver with AutoCAD.

Connect to an Océ printer with the Océ WPD printer driver

The procedure to print from AutoCAD is the same in a Client/Server configuration and in a Peer to peer configuration.

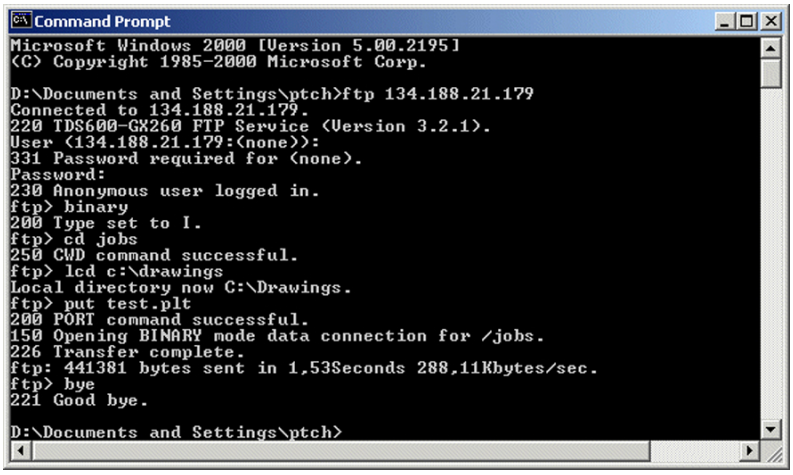
See: *Connect to an Océ TDS/TCS/ColorWave/PlotWave with the WPD driver* on page 119

Chapter 4
Print via FTP

Print using a DOS command line interface

Procedure

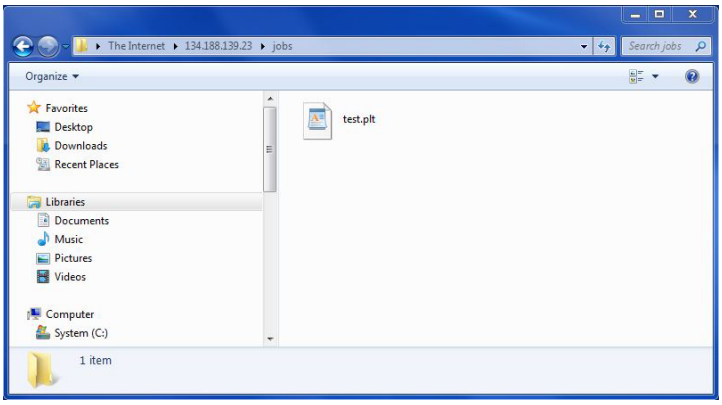
1. Launch MS-DOS Command Prompt.
2. Type the command `ftp` followed by the Océ TDS/TCS/ColorWave/PlotWave hostname or IP address.
   For example: `ftp tds600-gx260` or `ftp 134.188.21.179`
3. Press 'Enter' twice for user name and password.
   A connection is now set to the Océ TDS/TCS/ColorWave/PlotWave FTP server for user 'anonymous'.
4. Type the command `binary` to set the binary transmission mode.
5. Type the command `cd jobs` to enter the 'jobs' directory of the Océ TDS/TCS/ColorWave/PlotWave FTP server.
6. Type the command `lcd` followed by the local directory containing the data to print.
   For example `lcd c:\drawings`.
7. Type the command `put` followed by the name of data file.
   For example: `put test.plt`.
   The data file is sent to the 'jobs' directory of the Océ TDS/TCS/ColorWave/PlotWave FTP server, processed and printed.
8. Type `bye` command to close the FTP session.



Print using a browser

Procedure

1. Launch the Windows Explorer.
2. Type the FTP address of your Océ TDS/TCS/ColorWave/PlotWave printer.
   For example 'ftp://134.188.139.23' or 'ftp://PW340'.
3. Explore 'jobs' folder.
4. Copy the data file(s) you want to submit into the window of the Windows Explorer (e.g. drag-and-drop the data file(s) from another session of the Windows Explorer).
   The data file(s) is sent to the 'jobs' directory of the Océ TDS/TCS/ColorWave/PlotWave FTP server, processed and printed.



NOTE
Press the <F5> key to view or refresh the list of jobs submitted by FTP.

Chapter 5

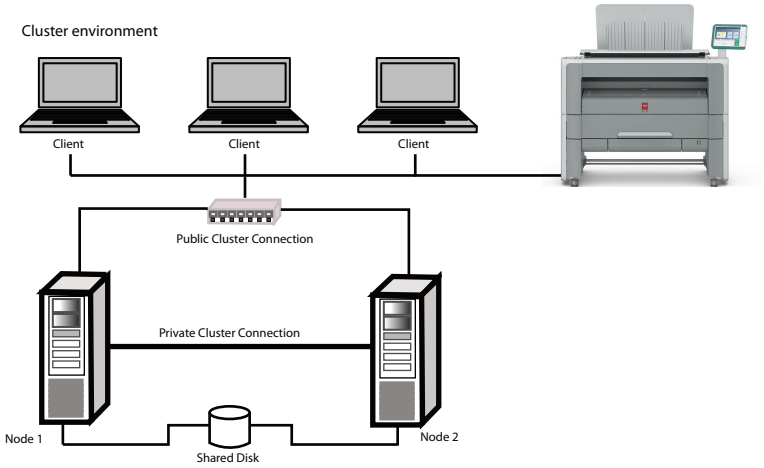
Print via WPD2 on a Failover Cluster

Prerequisites for printing in a failover cluster configuration

Introduction

The next section introduces the prerequisites in order to install a WPD2 printer driver in a failover cluster. In such a configuration, the client workstation is connected to a print server that is installed in a failover cluster environment.

Illustration

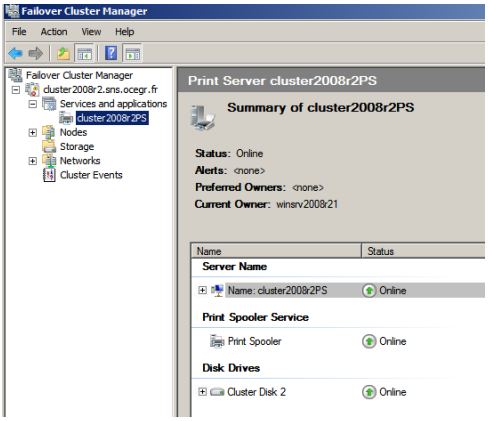


[30] Illustration of a failover cluster environment

Attributes

Before you begin the installation of the printer driver on the print server cluster, you must:

- have the role "Print and Document services" installed on each node
- have a print server cluster configured



Install the printer driver on each node

Introduction

Install the printer driver on each node before you install the printer driver on the cluster.

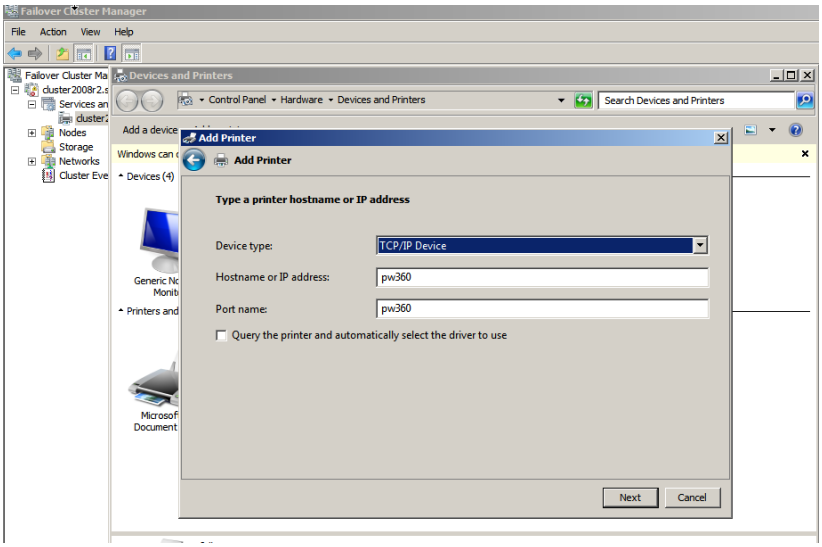
Before you begin

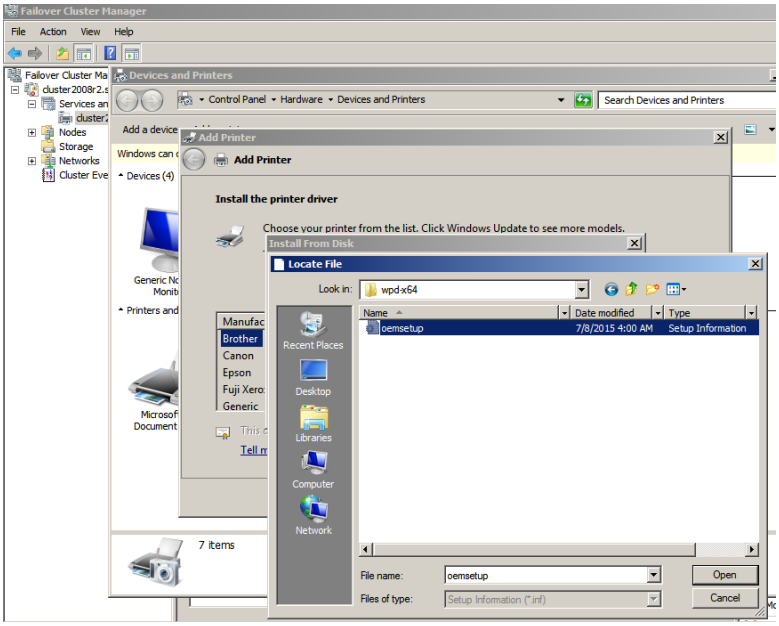
Get the WPD2 printer driver installation files. Refer to: *Get the installation files* on page 100.

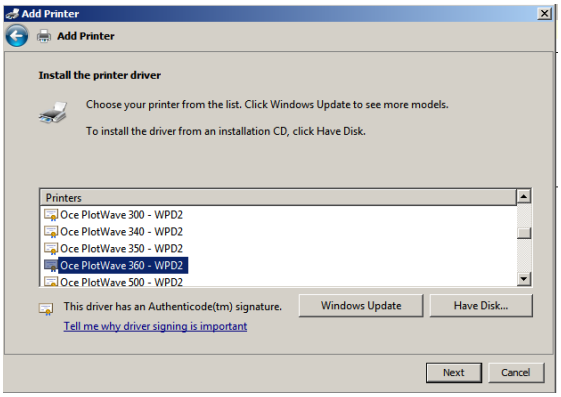
Procedure

1. Double-click on the <setup.exe> to start the Installation Wizard.
2. From the bottom left corner of the start screen click "Unpack files" to unpack the printer driver package.

3. Install the printer driver with the Add-a-printer method. Refer to the "Océ Wide format Printer Driver 2 for Microsoft® Windows® (WPD2)" User guide, for the detailed installation procedure.

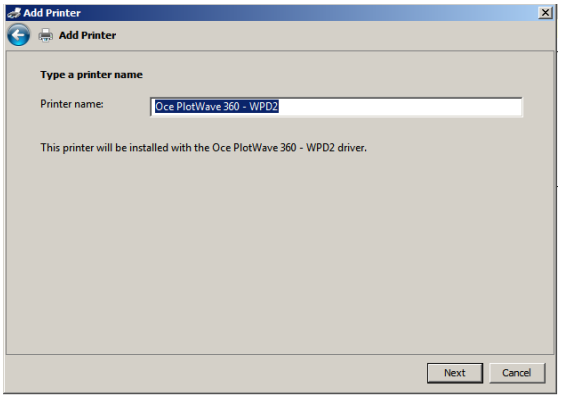






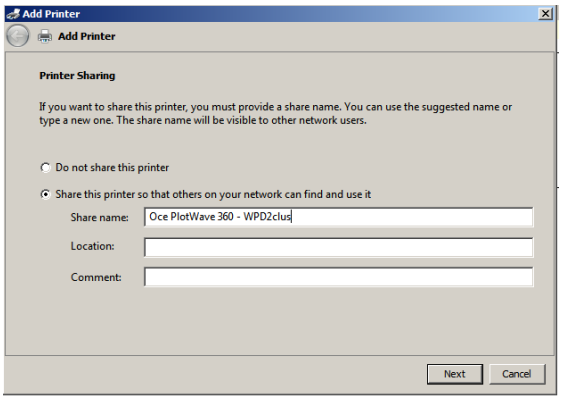
4. Give a name to the printer.

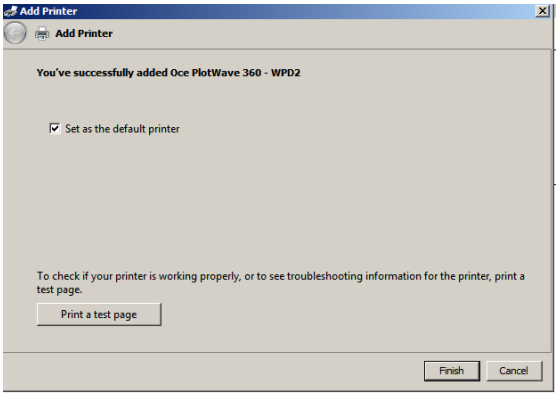
IMPORTANT
The name of the printer must be the same on all nodes.



5. Share the printer and give a share name.

NOTE
The share name must be the same name for all nodes.
The share name will be the same for the printer name you will define on the print server cluster.





Install the printer driver and the printer on the print server cluster

Introduction

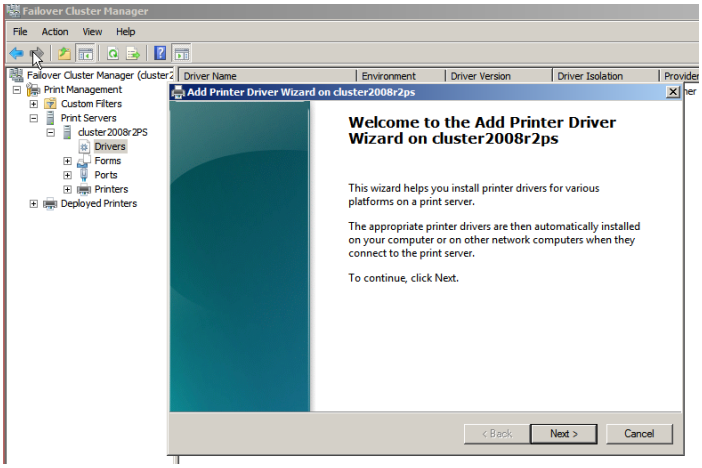
Follow the next illustrated procedure in order to install both, the printer driver and the printer, on the print server cluster.

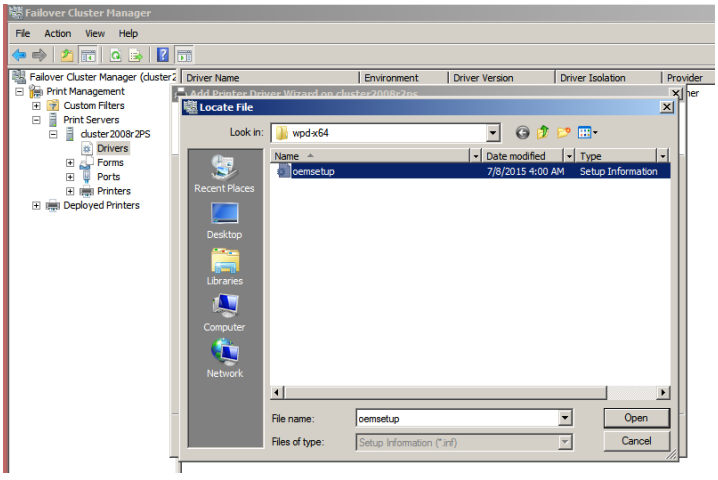
Before you begin

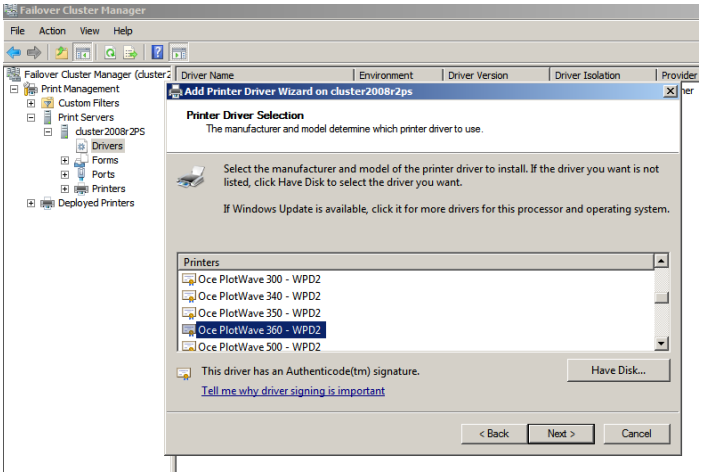
Make sure the printer driver is installed on each node.

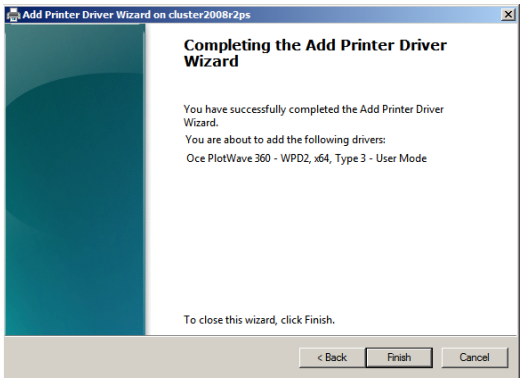
Procedure

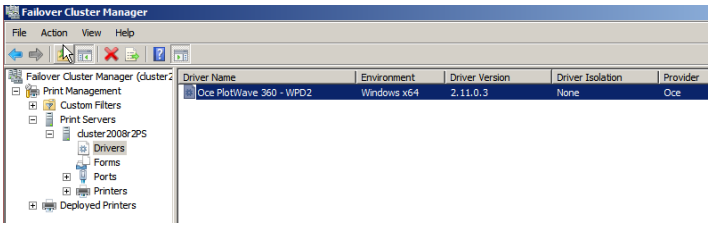
1. Add the driver with the Failover cluster manager on one node where the quorum is accessible.



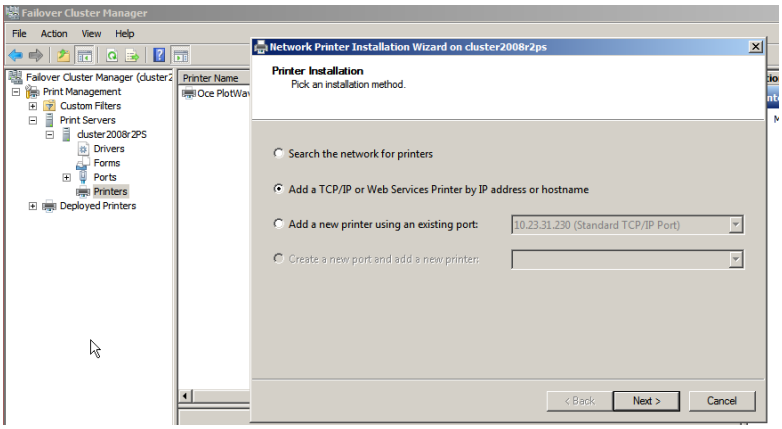


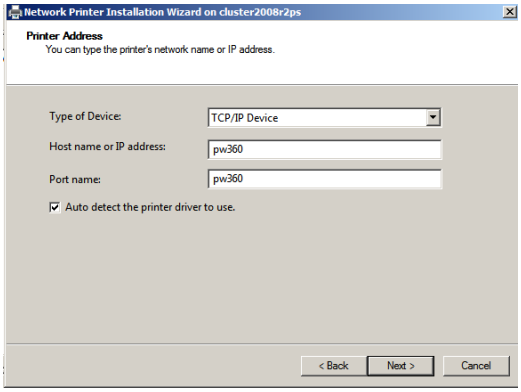


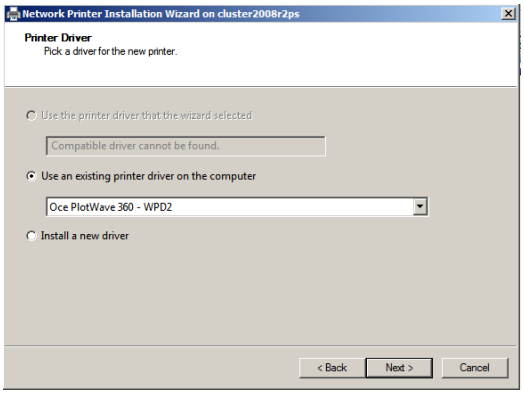




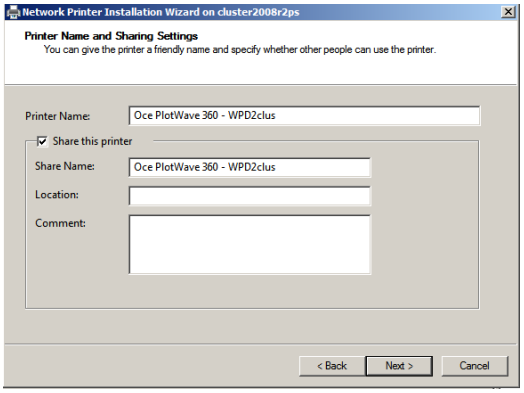
2. Add the printer with the failover cluster manager.







3. Give the same name as the share name declared on each node.



Result

The printer driver is now installed on the print server cluster.

NOTE
From the Printing Preferences of the printer driver, verify the configuration of the regional settings and the page sizes.
To do so, open WPD2. Go to the [Options]→[Regional settings] menu. Make sure all the page sizes you need are activated.

Install the printer on a workstation

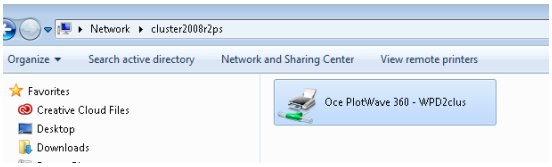
Before you begin

The printer driver is installed on each node.

The printer driver and the printer are installed on the print server cluster.

Procedure

1. From a client workstation, access the print server cluster by specifying its address.
   For instance: `\\cluster2008r2ps`



2. Double-click on the printer to install it on the workstation.

Result

You can now use the printer.

Chapter 6

Print from External locations (Océ PlotWave 340/345/360/365/450/500/550 and Océ ColorWave500/700)

Print from an External location - introduction (Océ PlotWave 340/345/360/365/450/500/550 and Océ ColorWave 500/700)

Introduction

With the Océ PlotWave 340/345/360/365/450/500/550 and Océ ColorWave 500/700 systems, you can print your documents from an external location. This location can be:

- a remote folder,
- or a folder located on the Cloud.

NOTE
It is possible to create 421 external locations, for:

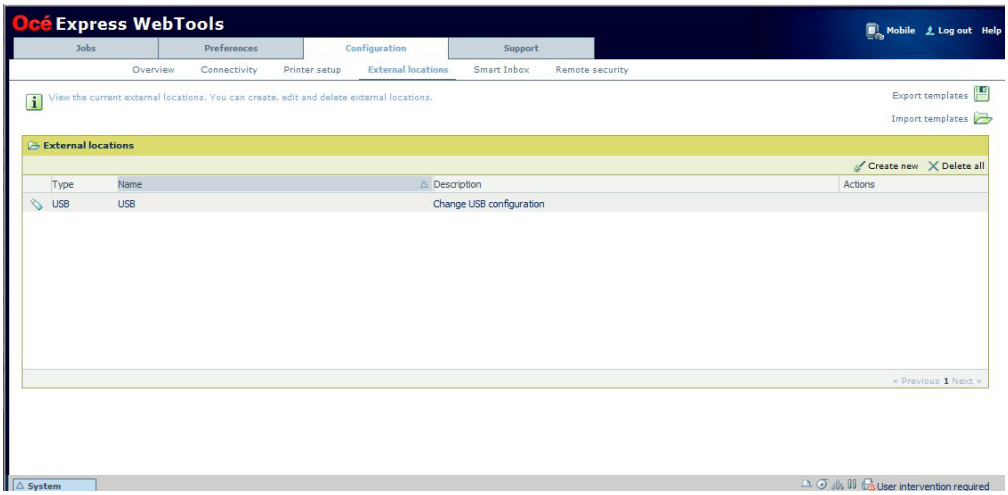
- the Océ PlotWave 340/360 (R1.2 and higher),
- the Océ PlotWave 500 (R1.1 and higher),
- the Océ ColorWave 500/700,
- the Océ PlotWave 345/365,
- and the Océ PlotWave 450/550

For other products or releases, 20 external locations can be created.

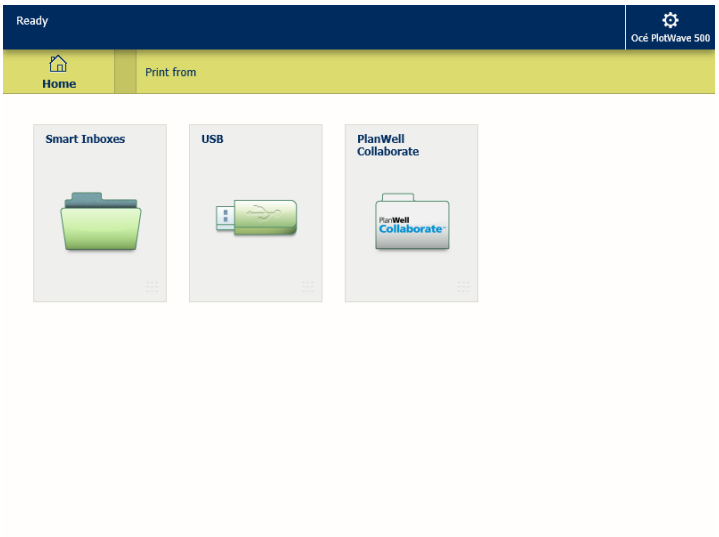
Prerequisites

To configure a 'Print from' external location, you must:

- configure the destination folder or path on the workstation where you want to print from
- configure the corresponding external location on the printer controller



[31] Configuration of an external location from the Océ Express WebTools



[32] View of the 'Print from' locations from the printer panel

Introduction and prerequisites for the SMB external location

Introduction

To configure a 'Print from' environment, you must:
- configure the external folder on the workstation where your print are stored.
- configure the SMB external location on the printer controller.

The procedures vary according to your operating system and your network configuration. Follow the provided links to find the adequate procedures for your needs.

NOTE
To create a SMB external location (in a network without DNS server), make sure that you enabled the NetBIOS settings from the Océ Express WebTools of your print system.

Prerequisites for a destination workstation

Before you start, make sure that domain security policy allows access from the Océ PlotWave 340/345/360/365/450/500/550 or from the Océ ColorWave 500/700 to the computer where the external folder is located.

NOTE
Windows platforms include an internal Windows Firewall. This firewall is activated by default. When the Windows Firewall is enabled, check that the 'File and Printer sharing' exception is enabled.

SMB protocols

- Regarding SMB protocol: SMB1 and SMB2 are supported.
  SMB2 is preferred when external location supports it otherwise SMB1 will be used.
- Regarding SMB Authentication: NTLMV1 and NTLMV2 are supported.

Configure a destination folder in the network (Windows operating system)

Introduction

This section is a prerequisite for the configuration of the destination folder in the network:
- *PC destination is part of a domain* on page 157
- *PC destination is part of a workgroup* on page 161

Before you begin

The destination folder for the SMB location is located on a workstation connected to the customer network. We call this workstation a 'destination workstation'. Make sure that the domain security policy allows access from the printer to this destination workstation.

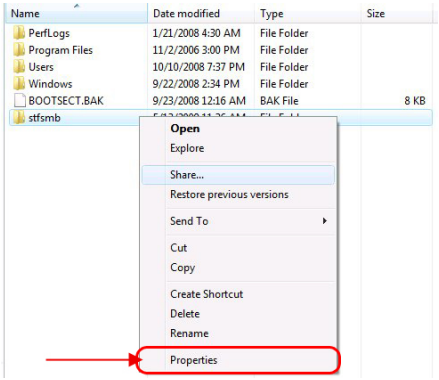
Configure a destination folder on Windows operating system when the PC destination is part of a domain

When to do

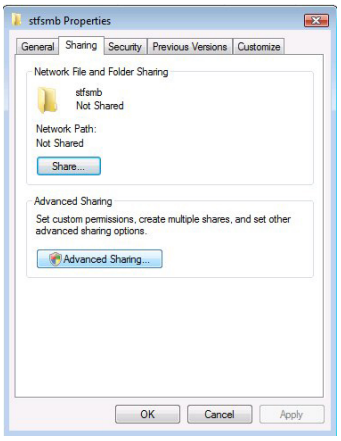
The next procedure applies to all supported Windows operating systems: Windows Vista/ 7/ 8/ 8.1/ 10 and Windows Server 2008 (R2)/ Server 2012 (R2).

Procedure

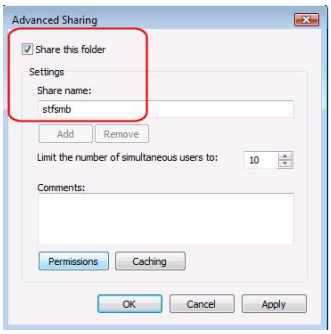
1. Create or browse to the destination folder on the customer workstation.
2. Right click this folder and select 'Properties'.



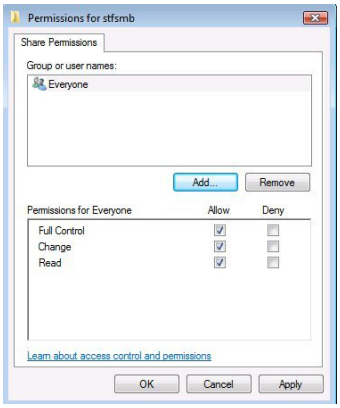
3. From the 'Sharing' tab, click 'Advanced Sharing'.



4. From the 'Advanced Sharing' window:

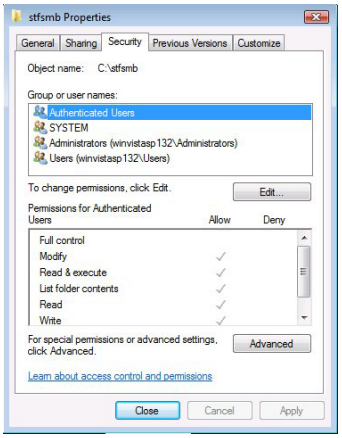
Step	Action	Illustration
1	Make sure the 'Share this folder' option is checked. Make sure there is a 'Share name'. Click 'Apply' to confirm.	
2	Click 'Permissions'.	

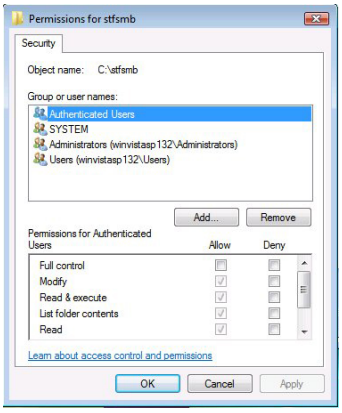
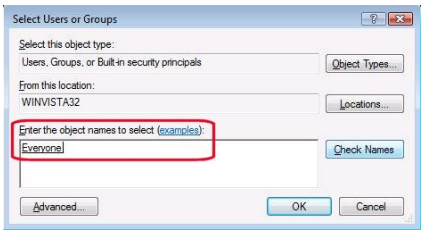
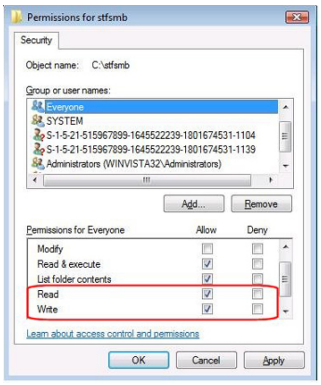
5. From the 'Permissions' window, select 'Everyone' and check the 'Full Control' option.



Click 'Apply' and 'OK' to confirm.

6. Click also 'OK' to confirm and close the 'Advanced Sharing' window.
7. Back to the 'Properties' window:

Step	Action	Remarks
1	Open the 'Security' tab. Click 'Edit'.	

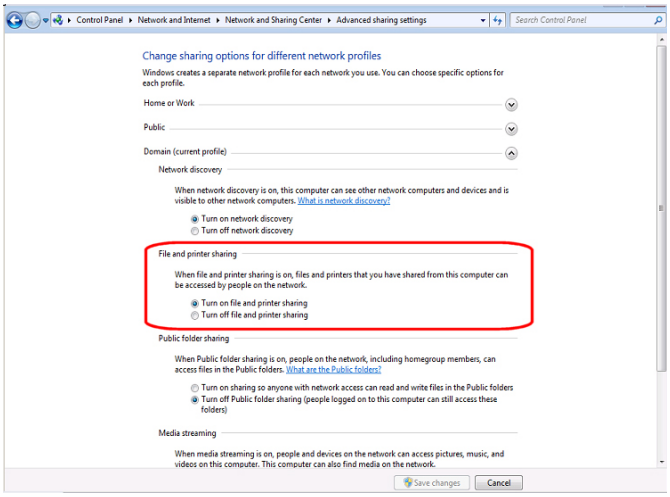
Step	Action	Remarks
2	The 'Permissions' window opens. Click 'Add' to add the user name which will be used for Scan-to-File.	
3	Enter the user name 'Everyone'. Click 'OK' to confirm.	
4	Make sure the user name 'everyone' has Read and Write permissions on the destination folder. Click 'OK' to confirm.	

NOTE

For all supported Windows operating systems except for Windows Vista, make sure that the option 'File and printer sharing' is enabled.

To verify:

1. Open 'Control Panel' (- 'Network and Internet') - 'Network and Sharing Center' - 'Change advanced sharing settings'
2. Expand the section that corresponds to the current network profile (e.g., Domain in our example).
3. Select the 'Turn on file and printer sharing' option.



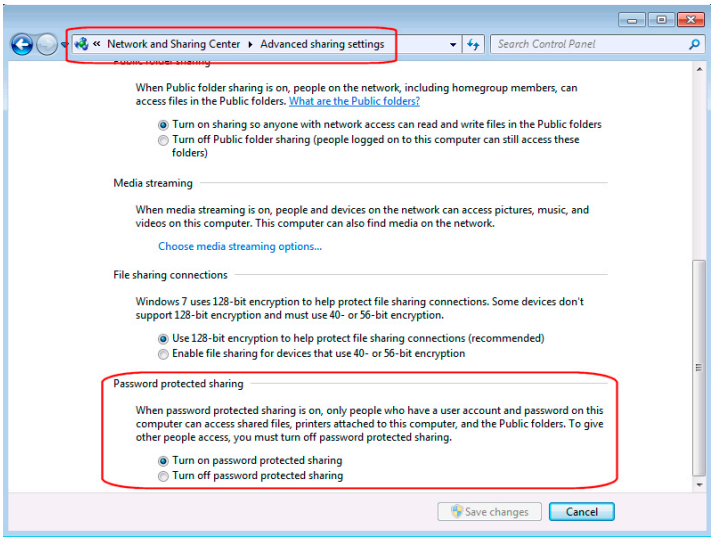
Configure a destination folder on Windows operating system when the PC destination is part of a workgroup

When to do

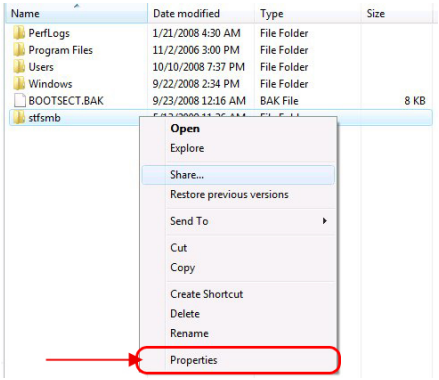
The next procedure applies to all supported Windows operating systems: Windows Vista/ 7/ 8/ 8.1/ 10 and Windows Server 2008 (R2)/ Server 2012 (R2).

Procedure

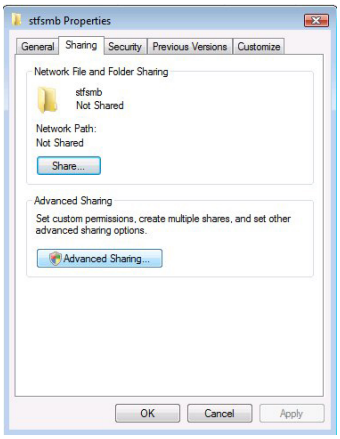
1. The following method is valid whatever the option 'On' or 'Off' for the 'Password protected sharing' option.



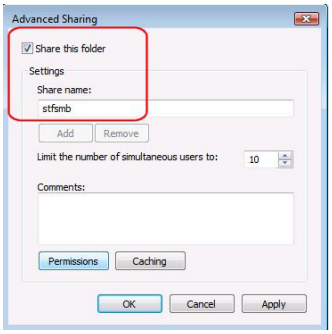
2. Create or browse to the destination folder on the customer workstation.
3. Right click this folder and select 'Properties'.



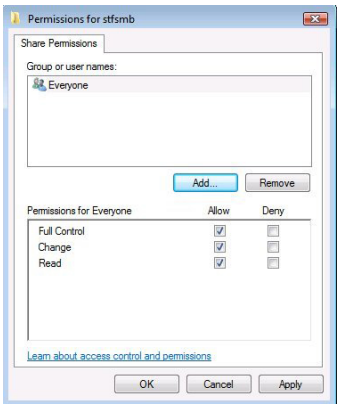
4. From the 'Sharing' tab, click 'Advanced Sharing'.



5. From the 'Advanced Sharing' window:

Step	Action	Illustration
1	Make sure the 'Share this folder' option is checked. Make sure there is a 'Share name'.	
2	Click 'Permissions'.	

6. From the 'Permissions' window, select 'Everyone' and check the 'Full Control' option.



Click 'OK' to confirm.

7. Click also 'OK' to confirm and close the 'Advanced Sharing' window.

NOTE
The 'Security' tab, if present, is not used in that case (as the workstation is part of a workgroup).

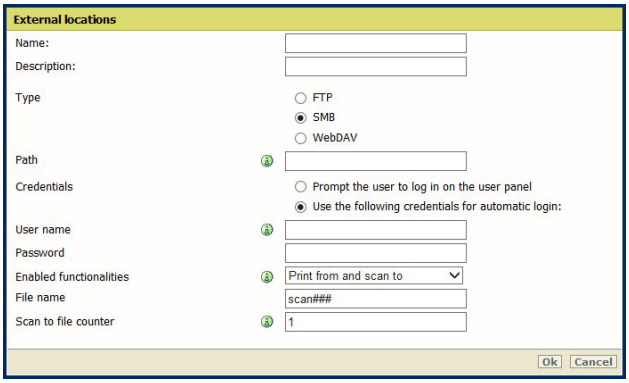
Configure the SMB external location on the printer controller

Before you begin

Open the printer controller application.

Procedure

1. Select the 'Configuration' tab.
2. Select 'External locations'.
3. Click 'Create new'.
   A new window opens.



[33] Illustration of the configuration window for the SMB external location on an Océ PlotWave 340/360 **v1.1**

4. Fill in the text boxes to define the SMB external location.

Text box	Content to define
Name	Enter a logical name for the destination. This logical name also appears on the printer operator panel.
Description	Enter a text that provides complementary information about the location. NOTE This field cannot be empty.
Type	Select the destination type 'SMB'.
Path	Use the following syntax: • `\\<hostname>\<sharename>[\<path>]` or, • `\\<IP address>\<sharename>[\<path>]` NOTE Within an IPv6 environment, you may need to refer to: *External location creation in an IPv6 environment* on page 208

Text box	Content to define
Credentials (except for Océ PlotWave 340/360 versions prior to v1.1)	Select one of the proposed values. • 'Use the following credentials for automatic login': the credentials defined in the next fields ('User name' and 'Password') are stored permanently into the printer controller. Users can then access directly to the external location. IMPORTANT For the Océ PlotWave 340/360 printers: this value is compatible with the previous version v1.0.x of the printer. After an upgrade of the print system (from v1.0.x to v1.1), the value 'Use the following credentials for automatic login' automatically applies to the existing external locations. • 'Prompt the user to log in on the user panel': the credentials are not stored into the printer controller. Users must enter the credentials ('User name' and 'Password') on the user panel when they want to access the external location. IMPORTANT For the Océ PlotWave 340/360 printers: this value is only available from the version v1.1 of the printer. To know how to log in from the user panel, refer to the dedicated section in the present guide.
User name	Enter the user account name (local or domain). When scanning to the SMB location, this account must have the 'Full Control' permissions to the destination folder. The user account name has the following format: • Local user name: • `<IP address>\<user name>` (IP address of the destination workstation), or • `<hostname>\<user name>` (hostname of the destination workstation). • Domain user name: `<domain>\<user name>`.
Password	Enter the password of the user account with the 'Full Control' permissions.
Access permissions Enabled functionalities	None, Print from only, Scan to only, Print from and Scan to

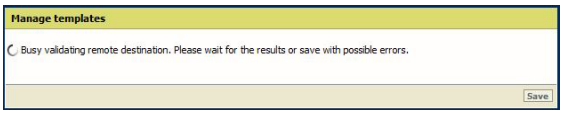
5. Click 'OK'.

NOTE
It is possible to create 421 external locations, for:
- the Océ PlotWave 340/360 (R1.2 and higher),
- the Océ PlotWave 500 (R1.1 and higher),
- the Océ ColorWave 500/700,
- the Océ PlotWave 345/365,
- and the Océ PlotWave 450/550

For other products or releases, 20 external locations can be created.

Result

The printer software automatically checks the validity of the external location.



After you finish

If the creation is successful, the destination appears in the list of external locations.

If an error occurred, the creation of the external location fails. An error message displays.

To fix the issue, see: *Troubleshoot the creation of an SMB external location* on page 205.

- Click 'Change' to come back to the configuration screen.
- Click 'Save' to save the location as you defined it.

FTP external location

Prerequisites to 'Print from' an FTP location in a Windows environment

When to do

In the context of 'Print from' via FTP:
- the FTP Client is located on printer controller,
- the FTP Server on the destination workstation (the FTP external location).

Before you begin

Windows platforms include an internal Windows Firewall. This firewall is activated by default.

Configure the Windows firewall for 'Print from FTP'

Procedure

1. Access the Firewall exception list.

If	Then
Windows Vista Windows Server 2008	'Start' - 'Control Panel' - ('Security') - 'Windows Firewall' - 'Allow a program through Windows Firewall'
Windows 7 Windows 8 / 8.1 Windows 10	'Start' - 'Control Panel' - 'Windows Firewall' - 'Allows <an app | a program> or feature though Windows Firewall'

2. Make the necessary checks.

Example

If the operating system on the destination workstation is	Then, you must
Windows Vista Windows 7 Windows 8 / 8.1 Windows 10	Check that the FTP Server is enabled in the firewall exceptions list.
Windows Server 2008 Windows Server 2008 R2	Check that the FTP Server is enabled in the firewall exceptions list. Check if the firewall is stateful. To do so, execute the following command line: `netsh advfirewall show global`. If the firewall setting 'StatefulFTP' is not 'enable', then you must activate it. To do so, execute the following command line: `netsh advfirewall set global StatefulFtp enable`.

Configure an FTP location on a destination workstation (Windows Vista/Server 2008)

Introduction

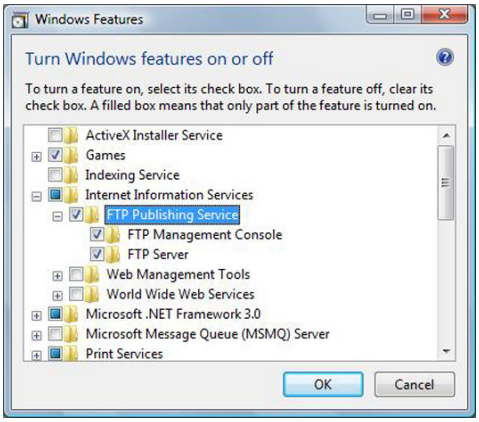
The installation procedure for the FTP service differs from Windows Vista to Windows Server 2008.

Then, the next procedures are the same for both environments:
- to start the FTP service, and
- to configure the FTP server on the destination workstations.

Install the FTP service on Windows Vista

Procedure

1. Open the 'Programs and Features' window ('Start' - 'Control Panel' (- 'Programs') - 'Programs and Features').
2. Click 'Turn Windows features on or off', then 'Continue'.
3. Expand 'Internet Information Service' and 'FTP Publishing Service'.
4. Verify that 'FTP Management Console' and 'FTP server' are checked:
   - if they are checked, click 'Cancel'.
     The installation is finished.
   - if they are not checked, check them.

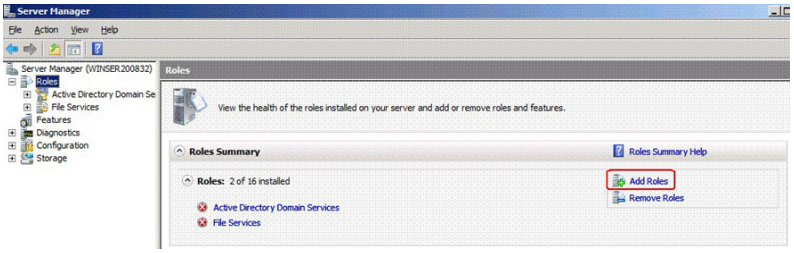


5. Click 'OK'.
   Installation will start. Be ready to insert Windows CD-ROM when requested.
   Restart the workstation, if requested.

Install the FTP service on Windows Server 2008

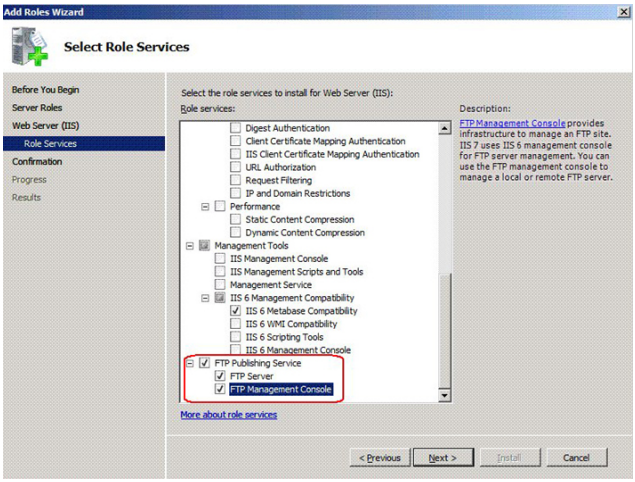
Procedure

1. Open the ‘Programs and Features’ window (Start - Control Panel (- Programs) - Programs and Features).
2. Click ‘Turn Windows features on or off’, then ‘Continue’.
3. Expand ‘Internet Information Service’.
4. Open the Server Manager application.



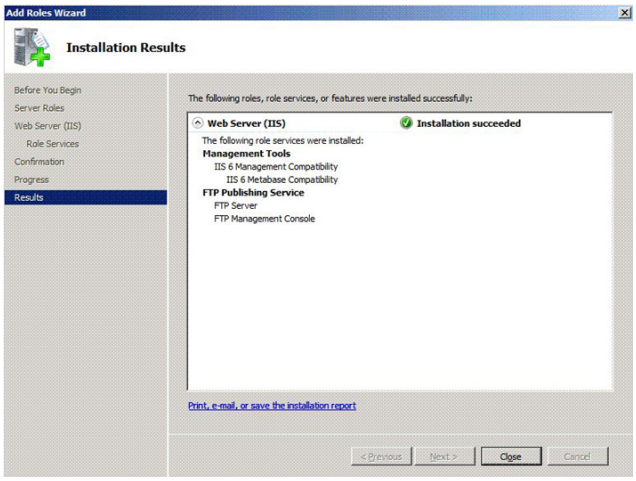
[34] Server Manager

5. Click 'Add role'. Then click 'Next'.
   If a window pops-up to require 'Add features required for Web Server (IIS)?', click 'Add required features'.
6. Click 'Next' twice.
7. In the Role Services window, check the "FTP Publishing Service" and click 'Next >'



The confirmation window appears.
If a window pops-up to require 'Add features required for Web Server (IIS)?', click 'Add required features'.

8. Click 'Install'.
   When installation is finished, the following window appears.

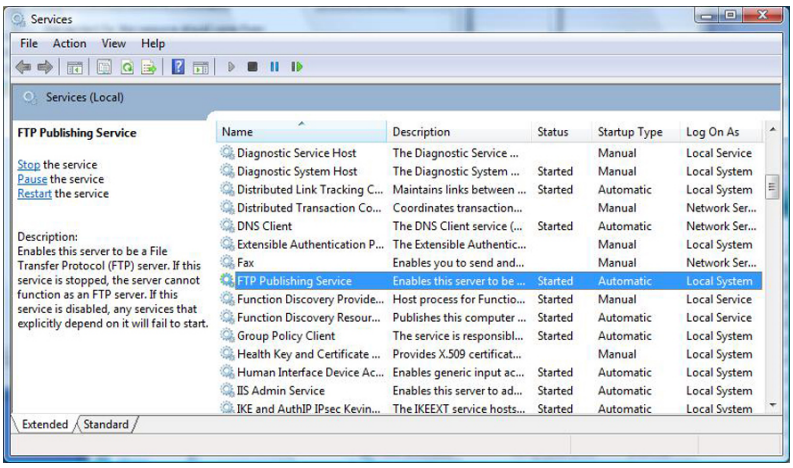


9. Click 'Close'.

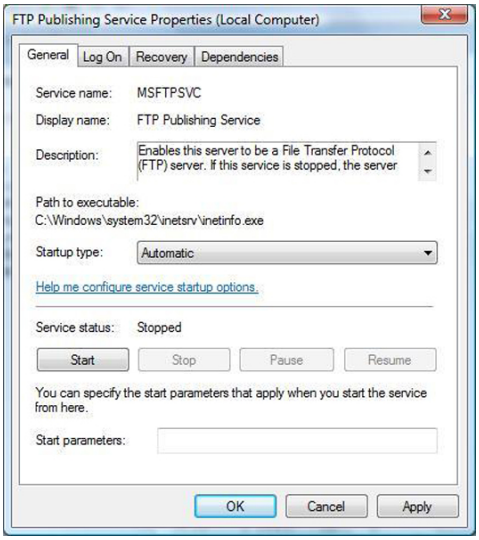
Start the FTP service on Windows Vista/Server 2008

Procedure

1. Open the ‘Administrative Tools’ window ('Start' (- 'Control Panel' - 'Programs') - 'Administrative Tools').
2. Double click ‘Services’, then click ‘Continue’.



3. Right click ‘FTP Publishing Service’, then select ‘Properties’.
   The ‘FTP Publishing Service properties (Local Computer)’ window appears.



4. Set ‘Startup type’ to ‘Automatic’, click ‘Start’, then ‘OK’.
5. Close ‘Services’.

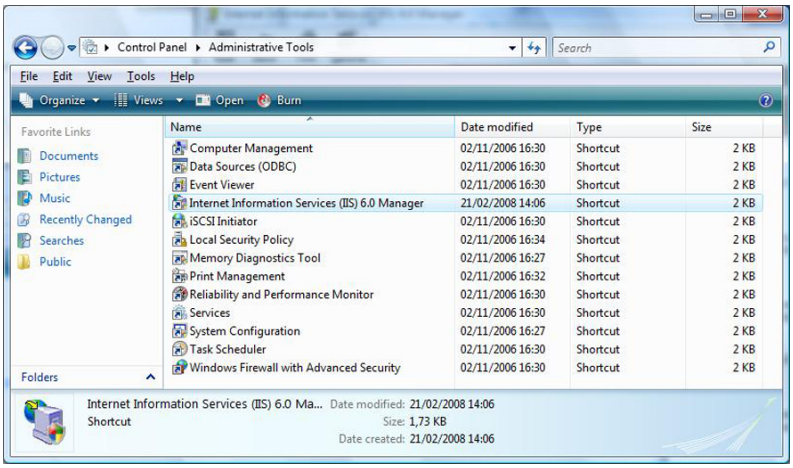
Configure the FTP server on the Windows Vista/Server 2008 destination workstation

Before you begin

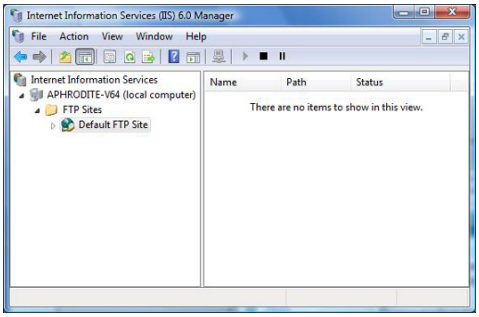
When printing from a Windows workstation, you need to configure the Windows Firewall of the workstation (see *Configure Windows Firewall* on page 166).

Procedure

1. Open the 'Administrative Tools' window (Start (- Control Panel - Programs) - Administrative Tools).

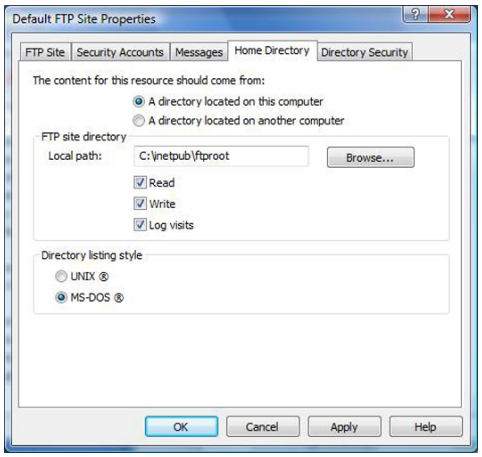
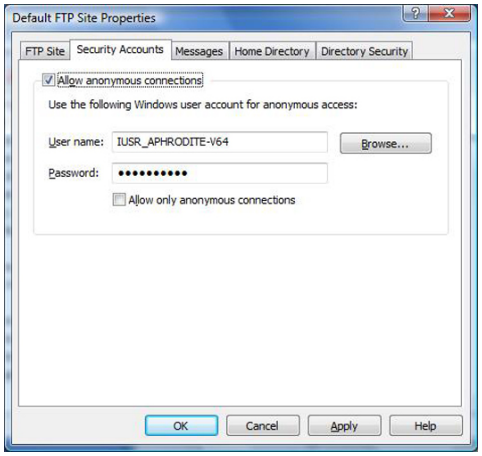


2. Double click 'Internet Information Services (IIS) 6.0 Manager', then click 'Continue'.
3. Select your 'local computer' - 'FTP sites'.



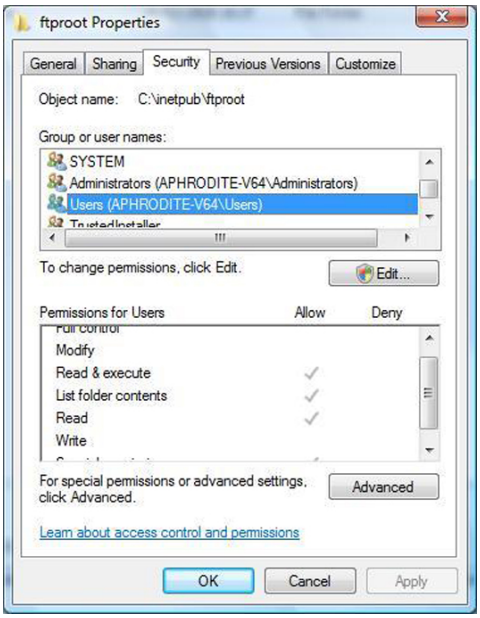
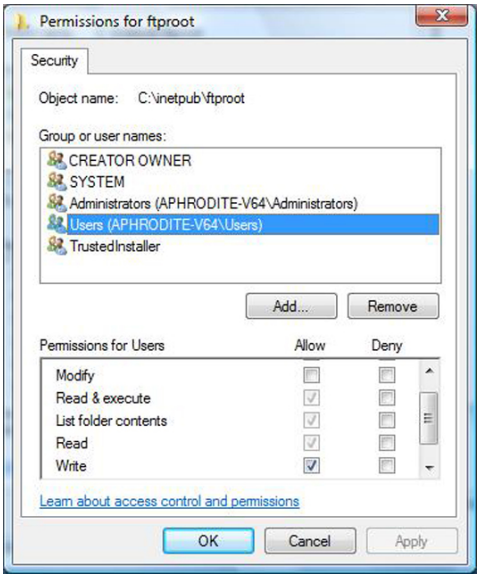
4. Right click 'Default FTP Site', then select 'Properties'.

5. From the 'Properties' window:

Step	Action
1	Select 'Home Directory' tab Browse the FTP Directory. Ensure that the boxes 'Read' and 'Write' are checked. 
2	Select 'Security Accounts' tab. If only authenticated access is required, uncheck the box 'Allow only anonymous connections'. 
3	Click 'OK', close 'Internet Information Services (IIS) 6.0 Manager' and 'Administrative Tools'.

6. Open 'Computer' and find the directory you defined as FTP site directory local path.
7. Right click the directory, then select 'Properties'.

8. From the 'Security' tab:

Step	Action
1	Select 'Users' account Click 'Edit' Click 'Continue' 
2	Select 'Users' account again. Ensure that 'Write' case is checked and click 'OK' twice. 
3	Click 'OK'.

Result

You can now go on with the configuration of the FTP external location on the printer controller.

Configure an FTP location on a destination workstation (Windows 7/ 8/ 8.1/ 10)

Introduction

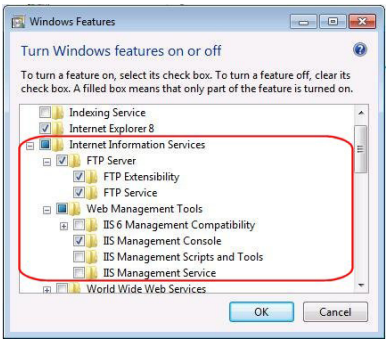
This section is a prerequisite for the configuration of the FTP location. It describes how to:

- *Install the FTP service* on page 174
- *Configure the FTP server on the destination workstation* on page 175

Install the FTP service on Windows 7/8/8.1/10

Procedure

1. Open the ‘Programs’ window ('Start' - 'Control Panel' (- 'Programs') - 'Programs and Features').
2. Click ‘Turn Windows features on or off’.
3. Expand ‘Internet Information Services’, ‘FTP Server', and 'Web Management Tools'.
4. In 'FTP Server', check ‘FTP Extensibility’ and ‘FTP service’.
5. In 'Internet Information services', check 'IIS Management Console'.



6. Click 'OK'.

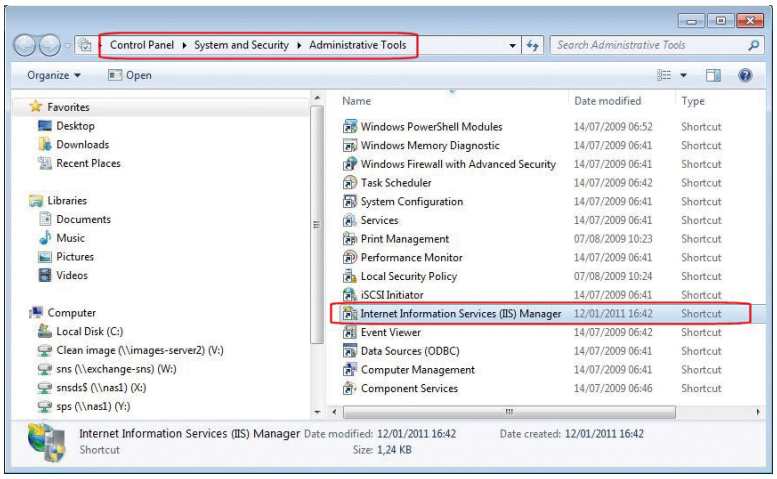
Configure the FTP server on the Windows 7/ 8/ 8.1/ 10 destination workstation

When to do

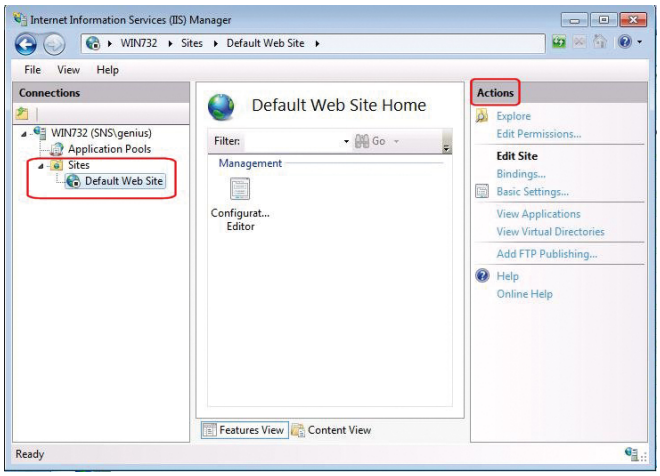
The next procedure contains illustrations created under a Windows 7 operating system. However, it also applies to the Windows 8/ 8.1/ 1.0 operating systems.

Procedure

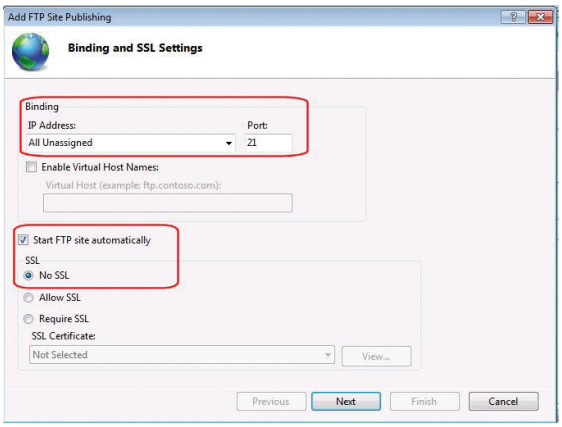
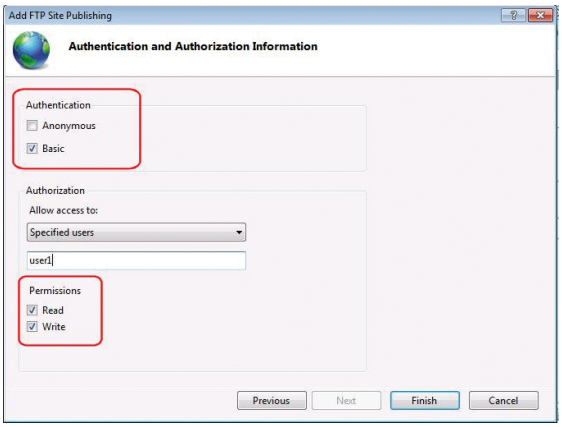
1. Open the ‘Administrative Tools’ window ('Start' - 'Control Panel' - 'System and Security' - 'Administrative Tools').



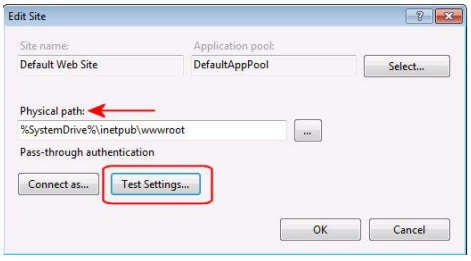
2. Double click on 'Internet Information Services (IIS) Manager'.
3. Right click on 'Default Web site' and select 'Add FTP Publishing'.



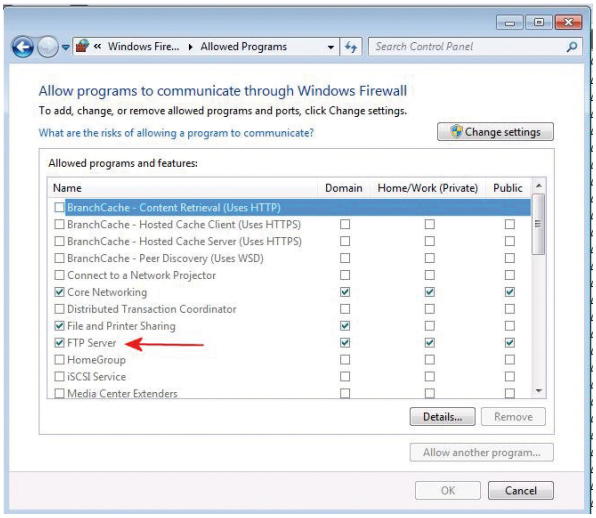
4. In the 'Add FTP Site Publishing' window:

Step	Action	Illustration
1	Configure the Binding and SSL settings: • Binding: 1 - Set the 'IP Address' to 'All Unassigned'. 2 - Indicate the value 21 to Port. • Check 'Start FTP site automatically' • SSL: Check ' No SSL'.	
2	Click 'Next'.	
3	Give authorization to the User (you have identified) with Read and Write permissions.	
4	Click 'Finish'.	

5. In the 'Internet Information Services (IIS) Manager' window, click 'Default Web Site'.
6. Select 'Basic Settings' in the 'Actions' section.
The 'Edit Site' window opens.

Step	Action	Illustration
1	Make sure (or change, if needed) that: • the Physical path exists, and • that the authorized user you specified (in step 4) has Read and Write permissions on this path. NOTE You can also use the 'Test Settings' button to check the FTP server.	
2	Click 'OK'.	

7. Make sure (or configure, if needed) that the Windows Firewall allows 'FTP' inbound connections.



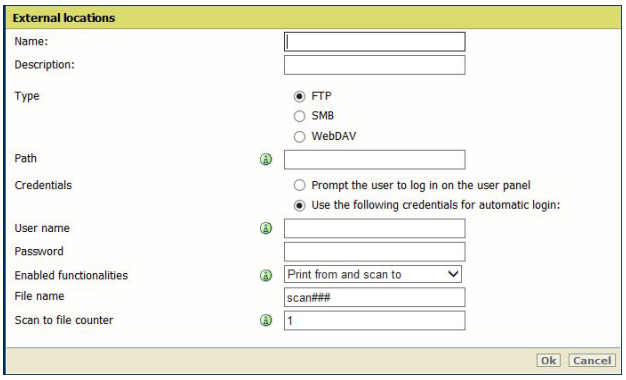
Result

You can now go on with the configuration of the FTP external location on the printer controller.

Configure the FTP external location on the printer controller

Procedure

1. From the Océ Express WebTools of your Océ PlotWave 340/345/360/365/450/500/550 or your Océ ColorWave 500/700 system, select the 'Configuration' tab.
2. Select 'External locations'.
3. Click 'Create new'.
   A new window opens.



[35] Illustration of the configuration window for the FTP external location on an Océ PlotWave 340/360 **v1.1**

4. Fill in the text boxes to define the FTP external location.

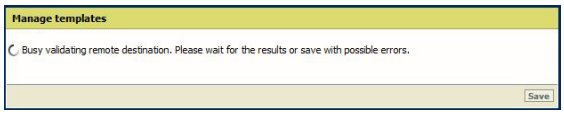
Text box	Content to define
Name	Enter a logical name for the destination. This logical name also appears on the printer operator panel.
Description	Enter a text that provides complementary information about the location. NOTE This field cannot be empty.
Type	Select the destination type 'FTP'.
Path	Enter the name or the IP address of the FTP server, and the path to the destination folder. Use the following syntax: • `<hostname>[/<path>]` or, • `<IP address>[/<path>]`. NOTE Within an IPv6 environment, you may need to refer to: *External location creation in an IPv6 environment* on page 208

Text box	Content to define
Credentials (except for Océ PlotWave 340/360 versions prior to v1.1)	Select one of the proposed values. • 'Use the following credentials for automatic login': the credentials defined in the next fields ('User name' and 'Password') are stored permanently into the printer controller. Users can then access directly to the external location. IMPORTANT For the Océ PlotWave 340/360 printers: this value is compatible with the previous version v1.0.x of the printer. After an upgrade of the print system (from v1.0.x to v1.1), the value 'Use the following credentials for automatic login' automatically applies to the existing external locations. • 'Prompt the user to log in on the user panel': the credentials are not stored into the printer controller. Users must enter the credentials ('User name' and 'Password') on the user panel when they want to access the external location. IMPORTANT For the Océ PlotWave 340/360 printers: this value is only available from the version v1.1 of the printer. To know how to log in from the user panel, refer to the section: *Log in to an external location* on page 192.
User name	Enter the FTP account user name (local or domain). If Anonymous Connections are allowed, you can leave the box empty.
Password	Enter the password of the user account (local or domain). If Anonymous Connections are allowed, you can leave the box empty.
Access permissions Enabled functionalities	None, Print from only, Scan to only, Print from and Scan to

5. Click 'OK' to confirm.

Result

The printer software automatically checks the validity of the external location.



After you finish

If the creation is successful, the destination appears in the list of external locations.

If an error occurred, the creation of the external location fails. An error message displays.

To fix the issue, see: *Troubleshoot the creation of an FTP external location* on page 209

- Click 'Change' to come back to the configuration screen.

- Click 'Save' to save the location as you defined it.

Cloud external locations

Create a Cloud external location

Supported Cloud locations

It is possible to create the external location on the cloud. Two types of Cloud locations exist.

- WebDAV protocol compatible web services:
  - some external sites are WebDAV compatible
  - Sharepoint sites are WebDAV compatible
- Non-WebDAV protocol compatible web services

NOTE
Some Clouds are not WebDAV compliant. They are not officially supported by the printing systems. However, the present chapter also provide some related information.

WebDAV

Web Distributed Authoring and Versioning (WebDAV) is an extension of the HyperText Transfer Protocol in order to communicate with Web Servers for managing documents.

More and more Web Servers in the Cloud supports WebDAV protocol.

List of supported WebDAV environments

Here is the list of the web services supporting WebDAV protocol you can configure with your print system:

- Cloudsafe
- Box.com
- AutoDesk Buzzsaw
- AutoCAD WS
- MyDisk

Here is the list of other WebDAV compliant repositories to which you can connect your print system:

- Microsoft SharePoint
- Apache Jackrabbit

Non WebDAV compliant Clouds

It is also possible to create the external location on Clouds which are not WebDAV compliant (e.g. with DropBox). To do so, you need a 3rd party provider, that is Webdav compatible and which enables some non WebDAV compliant cloud storage.

In the next section, as an example, we use: CloudDav™, from Storagemadeeasy (SME™).

Configure the Proxy settings

Before you begin

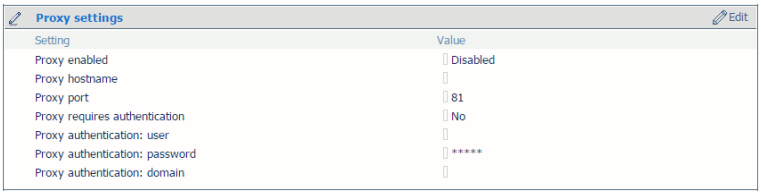
Open the printer controller application.

When to do

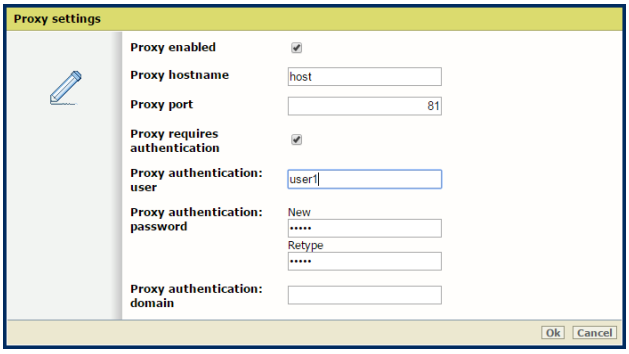
A proxy may be required to configure an external location located in the Cloud (for instance, when the external location requires a connection to the Internet). Configure the proxy settings as follows.

Procedure

1. From Océ Express WebTools, select the 'Configuration' tab.
2. Select 'Connectivity - Proxy settings'.



3. Click the 'Edit' button.
   A new window opens.



4. Fill in the fields.

Setting name	Content to define
[Proxy enabled]	Enable it if required.
[Proxy hostname]	Enter the proxy hostname. It is recommended to enter the fully Qualified name i.e. including the correct DNS suffix (e.g. `<Hostname>.<DNS.Suffix>`).
[Proxy port]	Enter the Proxy TCP port.
[Proxy requires authentication]	Check the box if an authentication is required.
[Proxy authentication: user]	User name for proxy authentication.

Setting name	Content to define
[Proxy authentication: password]	Password for proxy authentication.
[Proxy authentication: domain]	Enter the user domain if required, otherwise let it blank.

NOTE
For more information about the encryption of the user name and the password, refer to the Océ PlotWave-ColorWave Systems Security - Administration guide.

Result

Now you can configure the Cloud external location.

Configure your environment to address a non-WebDAV-compliant Cloud storage

Before you begin

Choose a 3rd party provider, that is WebDAV compatible, and which supports your non-WebDAV-compliant Cloud storage. This external provider will turn your non-WebDAV-compliant Cloud into one that can be used with your Océ printing system.

In this section, we use CloudDav, from Storagemadeeasy, as an example: this provider supports several Clouds.

(For more information, refer to SME website: *http://storagemadeeasy.com*; or the complete list: *http://storagemadeeasy.com/cloud_list*.)

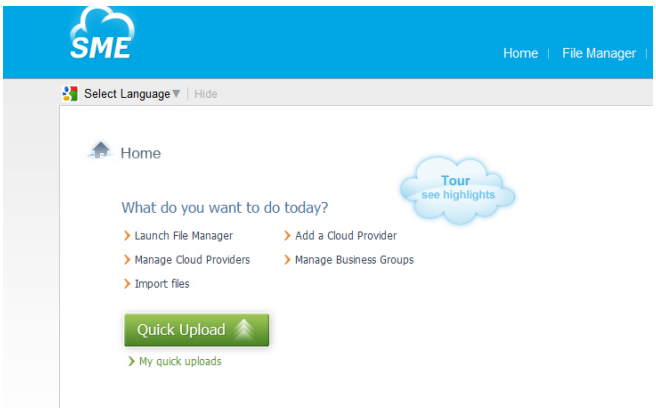
NOTE
SME is free for personal usage, but not for business usage. Please consult the price on: *http://storagemadeeasy.com*

When to do

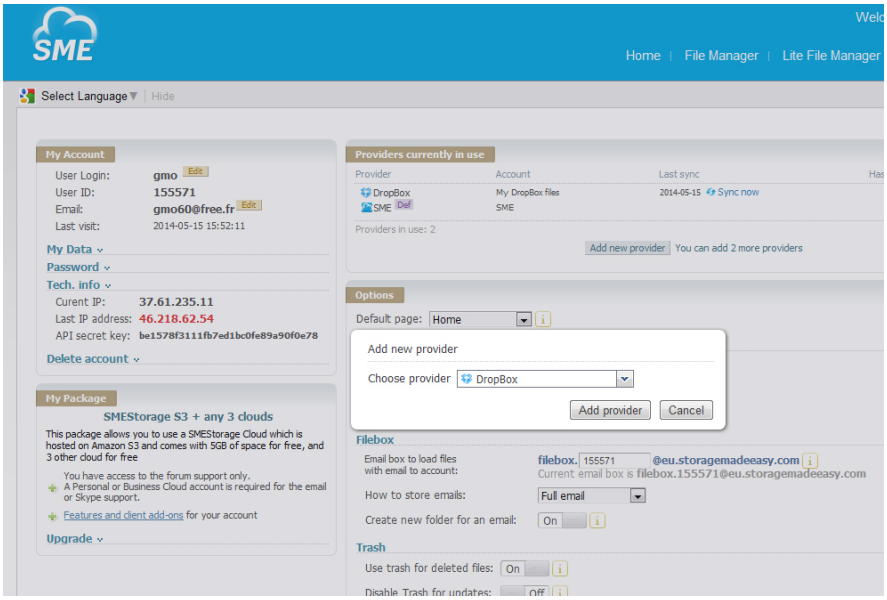
The next procedure is built on the assumption that you want to define an external location to your DropBox cloud.

Procedure

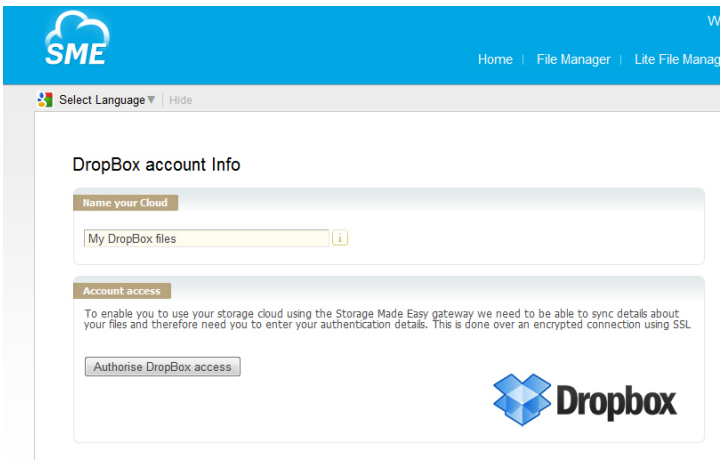
1. Create a new account on SME (Personal or business).
2. Log in to your SME account.
3. From the Home page, click 'Add a Cloud Provider' to add your DropBox provider.



4. Select DropBox in the list.

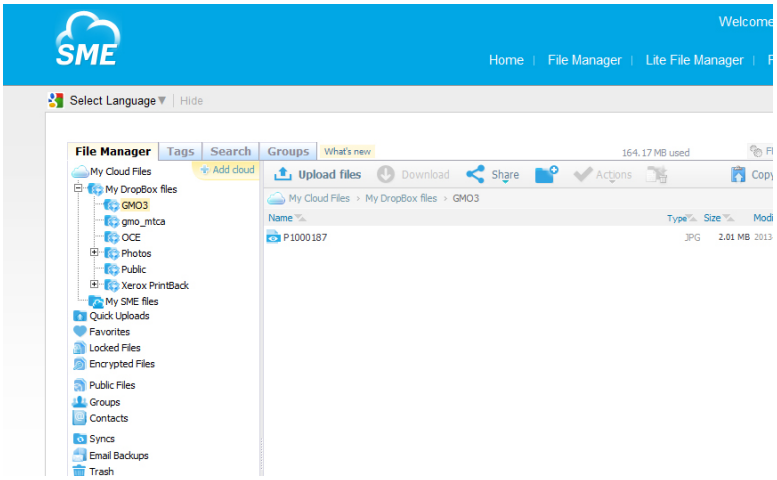


5. Enter your DropBox account information.
6. Allow the DropBox access.



Result

You can now see your DropBox files in SME File Manager.



After you finish

Retrieve the information that is needed to configure the new Cloud as an external location on your printer controller.

The parameters which will be used to create the external location creation on the printer controller are:

- Path: `https://webdaveu.storagemadeeasy.com/My%20DropBox%20files/`

  NOTE
  (The generic URL to use cloudDAV once enabled is `https://webdav.storagemadeeasy.com`, or `https://webdaveu.storagemadeeasy.com` for EU server)

- Username: <your SME account>
- Password: <the SME password>

WebDAV

Configure a WebDAV external location on the printer controller

Before you begin

Open the printer controller application.

If a proxy is required, see: *Configure the Proxy settings for a Cloud external location* on page 182

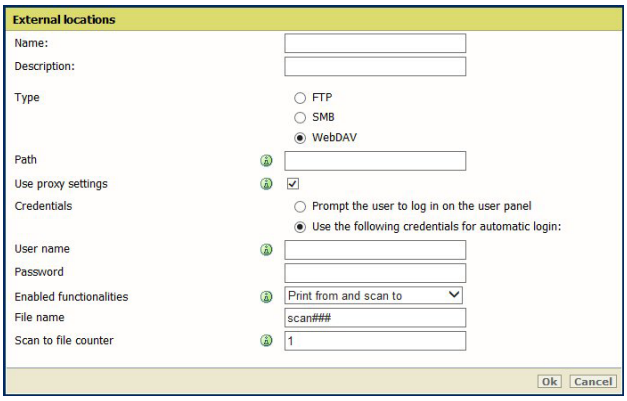
If the Cloud is not WebDAV compliant, refer to the dedicated procedure in the previous section.

NOTE
For more information about the encryption of the user names and passwords, refer to the Océ PlotWave-ColorWave Systems Security - Administration guide.

Configure the WebDAV location from the Océ Express WebTools

Procedure

1. From the Océ Express WebTools, select the 'Configuration' tab.
2. Select 'External locations'.
3. Click 'Create new'.
   A new window opens.



[36] Illustration of the configuration window for the WebDAV external location on an Océ PlotWave 340/360 **v1.1**

4. Fill in the text boxes to define the WebDAV external location.

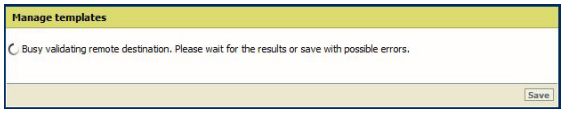
Setting name	Content to define
Name	Enter a logical name for the location. This logical name also appears on the printer operator panel.
Description	Enter a text that provides complementary information about the location. This field cannot be empty.
Type	Choose a location type. Here, select 'WebDAV'.

Setting name	Content to define
Path	Enter the complete folder access on your WebDAV. E.g.: http://sharepoint.domain.net/project/subproject/Shared%20Documents Consult your WebDAV server documentation on how to access to the folder access. NOTE For examples of the Folder access of WebDAV server, see: *Tips for the retrieval of Cloud locations path* on page 190.
Use proxy settings	Check the box if proxy settings are required to access to the Web-DAV server over the Internet.
Credentials (except for Océ PlotWave 340/360 versions prior to v1.1)	Select one of the proposed values. • 'Use the following credentials for automatic login': the credentials defined in the next fields ('User name' and 'Password') are stored permanently into the printer controller. Users can then access directly to the external location. IMPORTANT For the Océ PlotWave 340/360 printers: this value is compatible with the previous version v1.0.x of the printer. After an upgrade of the print system (from v1.0.x to v1.1), the value 'Use the following credentials for automatic login' automatically applies to the existing external locations. • 'Prompt the user to log in on the user panel': the credentials are not stored into the printer controller. Users must enter the credentials ('User name' and 'Password') on the user panel when they want to access the external location. IMPORTANT For the Océ PlotWave 340/360 printers: this value is only available from the version v1.1 of the printer. To know how to log in from the user panel, refer to the dedicated section in the present guide.
Username	Enter the user account name to access to the WebDAV server.
Password	Enter the password of the user account to access to the WebDAV server.
Access permissions Enabled functionalities	Select the Access permissions among the proposed values: None, Print from only, Scan to only, Print from and Scan to.

5. Click 'OK'.

Result

The printer software automatically checks the validity of the external location.



After you finish

If the creation is successful, the destination appears in the list of external locations.

If an error occurred, the creation of the external location fails. An error message displays.

To fix the issue, see: *Troubleshoot the creation of a WebDAV location* on page 213

- Click 'Change' to come back to the configuration screen.
- Click 'Save' to save the location as you defined it.

Tips for the retrieval of Cloud locations path

Tip for path creation with SharePoint

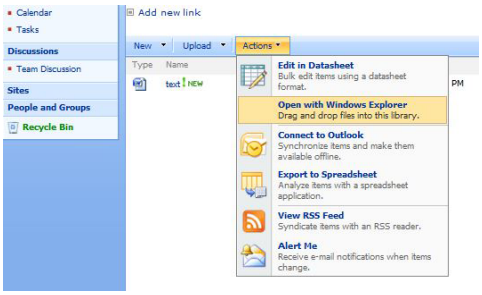
When using SharePoint with your Internet browser, the URL looks like this:

http://sharepoint.ocecreteil.oce.net/mns/RnD-SnS/Shared%20Documents/Forms/AllItems.aspx?RootFolder=%2fmns%2fRnD%2dSnS%2fShared%20Documents%2ftest&FolderCTID=&View=%7b0020140C%2d93CB%2d4DD4%2dA776%2d63A2A4392D94%7d

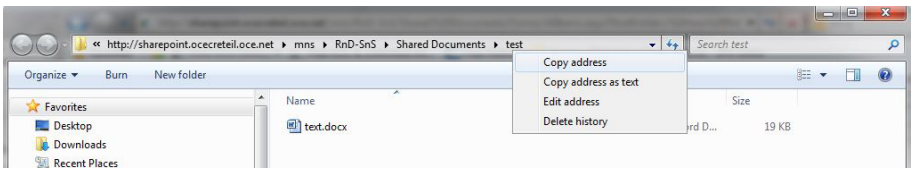
IMPORTANT
Do not use the above folder syntax for the External location 'path' setting.

Follow the next steps to define the path of the external location.

1. With your browser, go to the SharePoint location you want to print from or scan to.
2. Click 'Actions'.
3. Select 'Open with Windows Explorer'.



4. A new window opens.
   Right-click on the address in the address bar, and select 'Copy address as text' in the contextual menu.



5. Report this address as the path to the External location when you create the related location from the printer controller.
   The path now looks like this: http://sharepoint.ocecreteil.oce.net/mns/RnD-SnS/Shared Documents/test

Tip for path creation with a Cloud WebDAV server (e.g. Box.com)

Generally, the Web Access and the folder access are different. The 'path' setting must correspond to the folder access. We recommend that you consult to the documentation of the WebDAV server for the folder syntax.

Example:

IMPORTANT
Do NOT use the next syntax.

- `https://www.box.com/files#/files/0/j/123456/test`

NOTE
USE the syntax of one of the next examples.

- `https://dav.box.com`
  `https://dav.box.com/dav`

Log in and print from an external location

Introduction

The next section is only applicable to the Océ PlotWave 340/360 from version **v1.1**, the Océ PlotWave 345/365, the Océ PlotWave 500, the Océ PlotWave 450/550 and to the Océ ColorWave 500/700 printers.

Depending on the configuration of the external locations, it is possible that a user must enter credentials from the user panel in order to access the external locations.

When to do

When you configured the external location, you defined the 'Credentials' value to 'Prompt the user to log in on the user panel'.

To know how to configure an external location, refer to the dedicated configuration section in the chapter: *Print from External locations* on page 154.

Procedure

1. From the user panel, select the 'Print from...' tile.
2. Select the external location from where you want to retrieve the document to print.
3. Enter the credentials (as previously defined from the Océ Express WebTools).

Setting name	Action
[User name]	Tap the field named 'User name'. A keyboard appears. Enter the 'User name' value defined for this external location. Tap 'OK'.
[Password]	Tap the field name 'Password'. A keyboard appears. Enter the 'Password' value defined for this external location. Tap 'OK'.

NOTE
Make sure the syntax of the 'User name' and 'Password' values is exactly the same as the one defined from Océ Express WebTools.
For an SMB external location, make sure the [User name] syntax is as follows:
- for a local user: `<hostname>\<user name>` or `<IP address>\<user name>`
- for a domain user: `<domain>\<user name>`

4. Tap 'OK' to log in to the external location.
When the credentials are correct, a login icon appears in the top right corner of the user panel.
The external location opens.

NOTE
As long as the login icon appears on the user panel, the user can access the selected external location (without the need to log in again). A time-out forces the logout after 1 minute of inactivity.

5. Select the original document to be printed.
Define the needed print settings (double tap the document name).
6. When ready to print, press the green button.

After you finish

To log out from the external location, a user must tap the login icon. The logout window appears. Tap 'Yes' to log out.

NOTE
The login icon corresponds to the last credentials entered by a user (in case several credentials were entered on the user panel).
However, when you log out, you log out from **all** external locations.

Print from the Home folder (only for PW345/365/450/550)

Introduction

With the 'Print from Home' feature, an authenticated user can print files from his/her Microsoft Active Directory Home folder.

Home folders are private network locations where the Active Directory users can store their files.

Before you begin

To allow a user to print files from his/her Home folder, the following configurations are required:

Item to configure	Minimum requirement
Microsoft Active Directory	• A Home folder exists for each user • Users have at least the Read rights for their private Home folder
Network	• Kerberos (for authentication) • LDAP (for access to Home directory) • SMB protocols (for data transfer)
Printer configuration	The User authentication is enabled and configured.

Procedure

1. For a complete description of the 'Print from Home' feature, refer to the Océ PlotWave-ColorWave Systems Security - Administration guide.
   The Security guide also contains a full description of the 'Print from Home' behaviour. This feature is only available for the Océ PlotWave 345/365/450/550 systems.

Chapter 7

Simple Network Management Protocol (SNMP)

This chapter describes the information you can retrieve via SNMP protocol, and the way to retrieve it.

However, for a complete reference about the SNMP protocol within our products, refer to the dedicated documentation: **Océ Wave Interface SNMP**.

This document is available from your local Océ representative.

NOTE
For the SNMP compatibility with the Océ ColorWave 550/600/650/650PP/810/900/910 and the Océ PlotWave 340/345/360/365/450/500/550 systems, please refer to the above mentioned documentation only.
Refer to the next section to get the list of the Océ printing systems that are compatible with the SNMP settings.

SNMP specifications and compatibility

Introduction

IMPORTANT
The SNMP section only applies to the Océ printers listed below.

It is possible to retrieve information by means of SNMP protocol on:
- Océ TDS 450 v3.1 and higher
- Océ TDS 750 from v1.2.2
- Océ ColorWave 300
- Océ ColorWave 500
- Océ ColorWave 550 R2 and R3
- Océ ColorWave 600
- Océ ColorWave 650 R2 and R3
- Océ ColorWave 650PP
- Océ ColorWave 700
- Océ ColorWave 810
- Océ ColorWave 900
- Océ ColorWave 910
- Océ PlotWave 3x0
- Océ PlotWave 345/365
- Océ PlotWave 450/550
- Océ PlotWave 500
- Océ PlotWave 750
- Océ PlotWave 900

The two following Objects Identifiers (OID) are supported:
- hrDeviceId (OID 1.3.6.1.2.1.25.3.2.1.4)
- SysDescr (OID 1.3.6.1.2.1.1.1)

SNMP parameters

On the Océ TDS450 Power Logic Controller (PLC), you can access the following SNMP parameters:
- Enable/Disable SNMP protocol
- The following community names:
  - Océ Read/Write Community name
  - Océ Read Community name
  - SNMP Community name

These community names can be changed.

NOTE
You can access the same parameters on the Océ Express WebTools (printer controller interface) of:
- Océ PlotWave systems
- Océ ColorWave systems

Compatibility and performance

SNMP v1 and v2c are supported.

SNMP is available in Normal and Medium security levels.

NOTE
The 'Medium/High' security level is only available on the Océ PlotWave 750/900 systems. The 'Medium' and the 'High' security levels are available for all the Océ TDS/TCS, for the PlotWave 300/350, and for the ColorWave 300 systems.

The compatible Océ systems are able to handle 25 OIDs get/set requests per seconds.

Limitations

SNMP over IPv6 is not supported. For more information about IPv6 environment, see: *Printer compatibility with IPv6* on page 90.

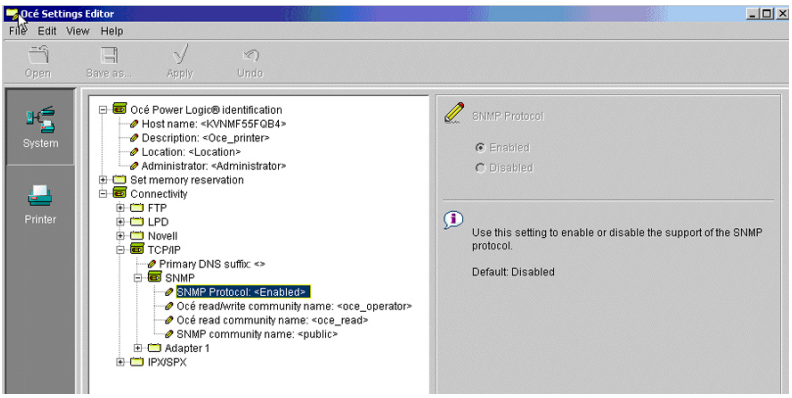
Description of the SNMP settings on the Océ printers controller

Introduction

NOTE
You MUST be logged on as a system administrator to access them.

- On the Océ TDS450 and the Océ TDS750 controller, the SNMP parameters are accessible through the Océ Settings Editor.
  Open ‘System - Connectivity - TCP/IP’ to access the ‘SNMP’ settings.
- On the Océ PlotWave and the Océ ColorWave controller, the SNMP parameters are accessible through the Océ Express WebTools.
  Open the 'Connectivity' tab, and select the 'Configuration' menu to access the SNMP section.

Illustration



SNMP parameters

You can access and change the 4 following SNMP parameters:

SNMP parameter	Description
‘SNMP protocol’	Disabled by default.
‘Océ read/write community name’	Usually used by Océ applications to retrieve/set read/write specific information. NOTE It is impossible to write OIDs on the Océ system, using SNMP: they are read-only OIDs.
‘Océ read community name’	Usually used by the Océ drivers to retrieve Océ specific information (public or private).
‘SNMP community name’	Mainly used by third party SNMP applications to retrieve public information.

IT manager policy can require you to change the default value ‘public’. This is to avoid any standard application to retrieve SNMP information from devices.

Before you use the SNMP parameters:

Common SNMP Applications (MIB browsers, ...) have usually only 2 community name parameters: 'Read community' name and 'Write community' name.

The SNMP application 'Read community' name must match at least one of the three Océ community names. This is a requirement to access the SNMP OIDs of the Océ TDS450, Océ TDS750, Océ PlotWave systems and Océ ColorWave systems.

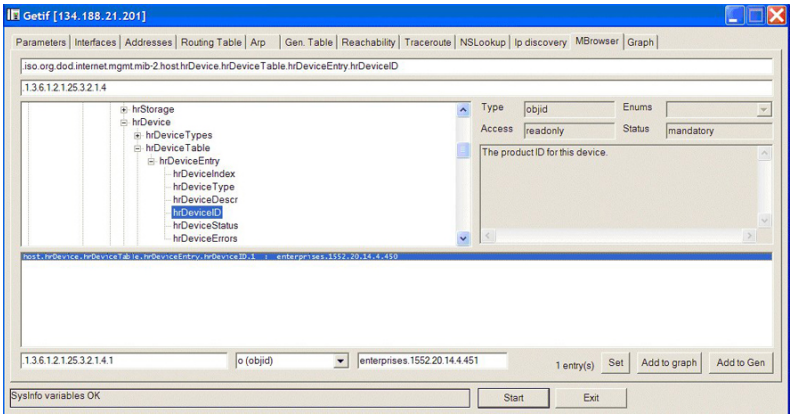
Océ community names are either 'SNMP community name', or 'Océ read community name' or 'Océ read/write community name'.

Information retrieved through SNMP from the Océ compatible systems

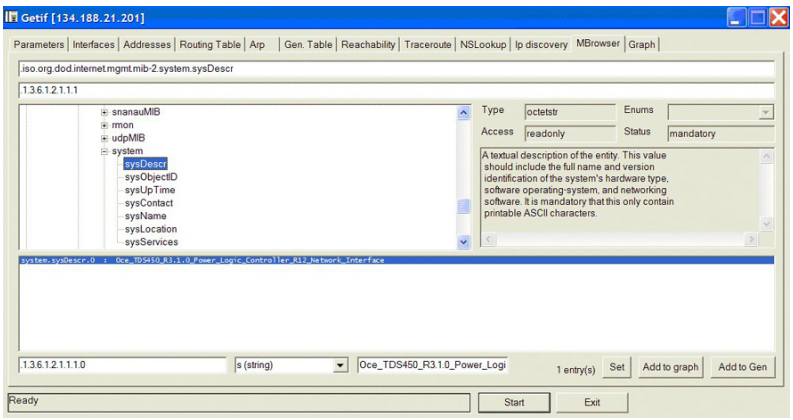
The example below only describes the information retrieved through SNMP from an Océ TDS450 system.

SNMP enables you to retrieve the same information from:
- Océ TDS750
- Océ PlotWave systems
- Océ ColorWave systems

Only two topics from the Océ TDS450 v3.1 (and higher) can be retrieved through SNMP:
- hrDeviceId (OID 1.3.6.1.2.1.25.3.2.1.4)
  TDS450 3.1 response is 1.3.6.4.4.1.1552.20.14.4.450



- SysDescr (OID1.3.6.1.2.1.1.1)
  TDS450 3.1 response is **Oce_TDS450_R3.1.0_Power_Logic_Controller_R12_Network_Interface**



NOTE
From Océ TDS450 3.4, the response to SysDescr only is **Oce TDS450 R3.4.**

Chapter 8
Troubleshooting

General troubleshooting

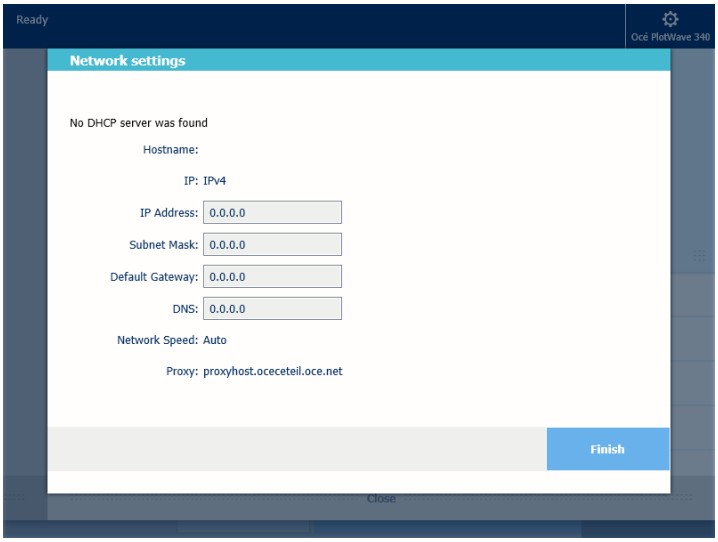
Error on the user panel: "No DHCP server was found" (Océ PlotWave 340/345/360/365/450/500/550 and Océ ColorWave 500/700/810/900/910 systems)

Symptom

The user panel displays the error message: "NO DHCP server was found".

Cause

This error message appears in the Network settings section on the user panel, when the option 'Auto by DHCP' is selected.



Resolution

Restart the printer to solve the error.

No access to Océ Express WebTools (Océ PlotWave 340/345/360/365/450/500/550 and Océ ColorWave 500/700/810/900/910 systems)

Symptom

You cannot access Océ Express WebTools from your workstation.

Cause

When the default gateway is incorrectly configured on the printer, you cannot access Océ Express WebTools.

This happens when the printer you want to reach and your workstation are located in different subnets: they are configured with a different subnet mask.

Resolution

To configure the default gateway correctly on your print system, see: *Configure the TCP/IP settings (Océ PlotWave 340/345/360/365/450/500/550, Océ ColorWave 500/700): manual network configuration with a fixed IP-address* on page 54, or *Configure the TCP/IP settings (Océ ColorWave 810/900/910): manual network configuration with a fixed IP-address* on page 58.

External locations troubleshooting

Troubleshoot the creation of an external location

Introduction

Refer to the next table in order to locate the procedure that applies to your needs.

Reference

If your external location is	Then refer to the procedure
SMB external location	*Troubleshoot the creation of an SMB external location* on page 205
FTP external location	*Troubleshoot creation of FTP external location* on page 209
WebDAV external location	*Troubleshoot the creation of a WebDAV location* on page 213

Troubleshoot the creation of an SMB external location (after an error message): Océ ColorWave and PlotWave printers

Introduction

The next information applies to the Océ ColorWave 500/550/650 R3/700 systems, and to the Océ PlotWave 340/345/360/365/450/500/550/750/900-R2 systems.

An error message displays to indicate that the creation of the SMB external location failed.

According to the error message, perform the verifications proposed in the next table in order to fix the issue.

Troubleshooting table for the creation of an SMB external location

Error message	Action to perform

The user name or password is incorrect.	• Check the remote user name and the password.
	If the user name and password are correct, check the syntax of the external location name:
	  • For a remote host user: `<hostname>\<username>` or `<IP_address>\<username>`
	  • For a domain user: `<domainname>\<username>`
	• If your printer is an Océ ColorWave 550/650 R2.3.2 or lower version, or an Océ PlotWave 750/900-R1, make sure that the destination workstation accepts the NTLMv1 authentication.
	(Windows environment: Local Security Policy - Security Settings - Local Policies - Security Options - Network Security - LAN Manager authentication level: the setting should be set to any value except 'refuse LM' or 'refuse LM & NTLM')

The remote hostname cannot be resolved.	• Make sure the hostname is correct and valid. • Make sure the printer is connected to customer's network. • Check the network settings of the printer in Océ Express WebTools: Primary DNS suffix, Preferred DNS server, Subnet mask, Default Gateway • Check with the System Administrator if the DNS server can resolve the hostname to an IPv4 address • If any of the previously mentioned checks does not solve the problem, enter the remote host IPv4 address instead of the hostname.
Missing or incorrect path.	Make sure the path syntax conforms to: • `\\hostname\share[\folder\...]` or, • `\\<IP_address>\share[\folder\...]`
The remote host could not be found.	• Make sure the hostname or IP address is correctly typed. • Make sure the remote host is up and running, and that it is connected to the network.

Error message	Action to perform
The remote host is not accessible.	• Make sure the SMB protocol is enabled on the remote host. • Make sure the SMB ports are allowed by the firewall. (TCP 445 for the Océ ColorWave 500/550/650 R3/700 and Océ PlotWave 340/345/360/365/450/500/550/750/900-R2; or either TCP 445 or TCP 139 for the other printers) • If your printer is an Océ ColorWave 500/550/650 R3/700, or an Océ PlotWave 340/345/360/365/450/500/550/750/900-R2 make sure that NetBIOS over TCP/IP is enabled on the destination workstation. (Windows environment: Network and Sharing Center - Change adapter settings; Right-click on Network connection - Properties - IP V4- Properties - General - Advanced - WINS)
The remote destination cannot be tested: the remote server has reached the maximum number of connections.	The external location server has reached the maximum number of connections. Check with the System administrator or try again later.
The specified path or URL does not exist on the remote host, or the folder name is misspelled.	• Make sure the share is correctly typed, and the share exists on the remote host. • Make sure the path to the destination folder is correctly typed. • Make sure the destination folder exists on the remote host.
The specified user account has no 'write' permission on this location.	For Scan-to-file check that the remote user has 'Write' permissions on the remote share.
The external location is full.	Make some space available on the external location for the 'Scan to' operations.
The test of the external location cannot be performed: an internal error has occurred.	• Make sure the syntax entered in the fields is correct: the \ sign is used (and not the / sign). • Restart the system and try again.

NOTE
Information about the possible error messages and their solution is also available from the online help of Océ Express WebTools.

Impossible to print from an SMB external location

Case

It is impossible to access an SMB external location in order to print from it.

An error massage appears: 'Contact your administrator to check the configuration of <your external location> in Océ Express WebTools'.

Solution

Check if the SMB1 protocol is disabled on the SMB server (on the Windows computer).

- If the SMB1 protocol is disabled, then enable it.
- If the SMB1 protocol must remain disabled (due to the corporate policy for instance), then use the 'automatic login' feature.

NOTE

Action	Value to define
To enable SMB1 protocol	HKLM\SYSTEM\CurrentControlSet\services\LanmanServer\Parameters\SMB1 : DWORD = 1
To disable SMB1 protocol	HKLM\SYSTEM\CurrentControlSet\services\LanmanServer\Parameters\SMB1 : DWORD = 0

Issue with SMB external location creation in an IPv6 environment

Introduction

Impossible to create an SMB external location in an IPv6 environment.

This issue can occur with an Océ ColorWave 500/550/650 R2,R3/700, or an Océ PlotWave 340/345/360/365/450/500/550/750/900-R2.

When you configure the printing system and the possible external locations, you cannot use the IPv6 address without a prior edition.

Indeed, the traditional IPv6 address must be edited.

1. Replace the ':' sign by a '-' sign.
2. Add '`.ipv6.literal.net`' at the end of the address.

Example

The IP address of the remote destination is `2001:db8:ffff:2:224:e8ff:fe46:6cba`

A shared remote folder, named 'scans', is available on this external location.

To access to the shared remote folder, the user must type in the following address in the Windows Explorer: `\\2001-db8-ffff-2-224-e8ff-fe46-6cba.ipv6.literal.net\scans`

Troubleshoot the creation of an FTP external location (after an error message): Océ ColorWave and PlotWave printers

An error message is displayed to indicate that the creation of the FTP external location failed.

According to the error message, perform the verifications proposed in the next table in order to fix the issue. This information is valid for the Océ ColorWave 500/550/650 R3/700, and to the Océ PlotWave 340/345/360/365/450/500/550/750/900 R2.

Troubleshooting table for the creation of an FTP external location

Error message	Action to perform
The user name or password is incorrect.	Check the remote user name and the password. If the user name and password are correct, check the syntax of the external location name: • For a remote host user: `<hostname>\<username>` or `<IP_address>\<username>` • For a domain user: `<domainname>\<username>`
The remote hostname cannot be resolved.	• Make sure the hostname is correct and valid. • Make sure the printer is connected to customer's network. • Check the network settings of the printer in Océ Express WebTools: Primary DNS suffix, Preferred DNS server, Subnet mask, Default Gateway • Check with the System Administrator if the DNS server can resolve the hostname to an IPv4 address • If any of the previously mentioned checks does not solve the problem, enter the remote host IPv4 address instead of the hostname.
Missing or incorrect path.	Make sure the path syntax conforms to: • `hostname/share[/folder/...]` or, • `<IP_address>/share[/folder/...]`
The remote host could not be found.	• Make sure the hostname or IP address is correctly typed. • Make sure the remote host is up and running, and that it is connected to the network.
The remote host is not accessible.	• Check that the FTP protocol is enabled on the remote host. • Check that the customer network security policy (firewall/switch) allows the FTP ports. • For FTP destination: check that the FTP server uses the port 21.
The external location cannot be tested: the remote server has reached the maximum number of connections.	The external locations server has reached the maximum number of connections. Check with the System administrator or try again later.

Error message	Action to perform
The remote destination test is aborted, because the time-out period has expired.	Check that the Firewall on the FTP server workstation does not prevent the 'FTP passive mode' connection. NOTE To know more about the FTP passive mode connection, refer to the Océ ColorWave-PlotWave Systems Security manual. **Example with FileZilla Server** The error message may appear after the installation of FileZilla Server. In order to allow the FileZilla Server application through the Windows Firewall, follow the next steps: 1. Open the Windows Firewall window. 2. Click 'Allow a program or feature through Windows Firewall'. 3. Click the 'Allow another app...' (or 'Allow another program...') button. A window named 'Add an app' (or 'Add a program') appears. NOTE Do NOT select 'FileZilla Server Interface' from the list. 4. Click the 'Browse...' button. 5. Locate the directory in which you installed FileZilla Server (normally `C:\Program Files (x86)\FileZilla Server\`). 6. Double click or select 'FileZilla server.exe'. IMPORTANT Make sure you do NOT select 'FileZilla Server **Interface**.exe'. 7. Click 'Open'. The 'Add an app' or 'Add a program' window displays again. 8. Scroll down the displayed list and select 'FileZilla server.exe'. 9. Click 'Add'. The Windows Firewall Allowed apps window displays again. Make sure that 'FileZilla server.exe' is added to the 'Allowed apps (or programs) and features' list. Make sure that it has a check mark in either the 'Private', or the 'Public', or the 'Domain' checkbox (depending on the type of network you want to access). 10. Click 'OK' to close the Windows Firewall window.
The specified path or URL does not exist on the remote host, or the folder name is misspelled.	• Check that the path to the destination folder is correctly typed. • Check that the destination folder exists on the remote host.
The specified user account has no 'write' permission on this location.	For Scan-to-file check that the remote user has 'Write' permissions on the remote share.

Error message	Action to perform
The external location is full.	Make some space available on the external location for the 'Scan to' operations.
The test of the external location cannot be performed: an internal error has occurred.	Restart the system and try again.

NOTE
Information about the possible error messages and their solution is also available from the online help of Océ Express WebTools.

Troubleshoot the behaviour of the Cloud external location

When to do

This table describes the different problems you may encounter when using the 'Print from' a Cloud external location feature, while the related external location creation is successful.

WebDAV behaviour

Symptom	Action to perform
On the printer operator panel, I cannot see my files to print in 'Print' menu.	The folder access to the WebDAV server is incorrect, consult your WebDAV Server documentation. See also: *Tips for path retrieval of cloud external locations* on page 190
On the printer operator panel, I have the error message: 'Unable to access this location'. However, the external location creation was successful.	The path entered in External location contains spaces " ". Replace each space " " by '`%20`'

Troubleshoot the creation of a WebDAV external location (after an error message)

An error message displays to indicate that the creation of the WebDAV external location failed.

According to the error message, perform the verifications proposed in the next table in order to fix the issue.

Troubleshooting table for the creation of a WebDAV external location

Error message	Action to perform
Proxy authentication required. Please check the proxy configuration.	• Check whether a proxy is required. • Check the proxy settings.
The remote hostname cannot be resolved.	Check whether a proxy is required.
The specified path or URL does not exist on the remote host, or the folder name is misspelled.	• Make sure the path exists. • Make sure that 'Proxy settings' feature is not checked if the WebDAV server does not require an internet access (local network). • Check the syntax of the WebDAV external location external location. Make sure it complies with the WebDAV syntax of your Cloud. IMPORTANT With the 'Box.com' Cloud, the WebDAV syntax has changed. From the edition 2014-02 of the present guide, the syntax is as follows `https://dav.box.com`. This new syntax must be used. It replaces the previous one `https://apps.box.com/dav`.
Missing or incorrect path.	Check the path and the URL syntax. There may be some strange characters in the path, or an incorrect URL.
The user name or password is incorrect.	• Check the remote user name and the password. • If the user name and password are correct, check also the “path” syntax.
The external location cannot be tested: the remote server has reached the maximum number of connections.	The external locations server has reached the maximum number of connections. Check with the System administrator or try again later.
The specified user account has no 'write' permission on this location.	• For Scan to file check that the remote user has 'Write' permission on the remote host. • Check the syntax of the WebDAV external location. NOTE Replace `http://` by `https://`.
The external location is full.	Make some space available on the external location.
The test of the external location cannot be performed: an internal error has occurred.	• Check the URL syntax entered in the Path setting. • Check proxy settings is not checked if the WebDAV server does not require an internet access (local network). • Restart the system and try again.

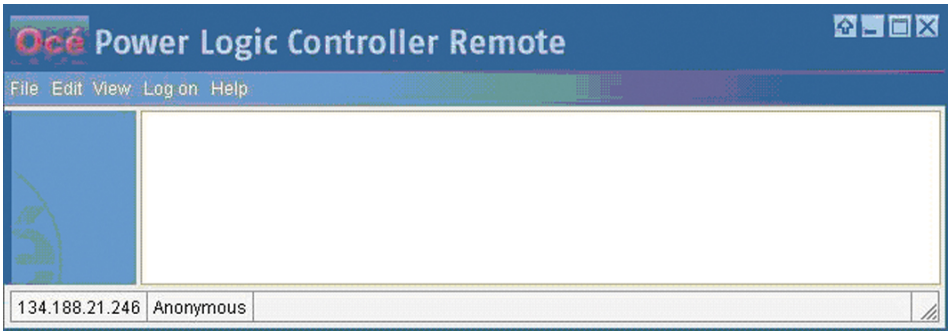
Océ printer controller remote applications troubleshooting

No connection: the message field is empty

Symptom

It is impossible to connect to Océ Remote Logic or Océ Power Logic Remote. The message field is empty.

The Océ Remote Logic or Océ Power Logic Remote you see is as follows.



[37] Empty message field

Cause

Make sure that the hostname of the Remote Logic server matches with the hostname of the Océ TDS/TCS system.

Resolution

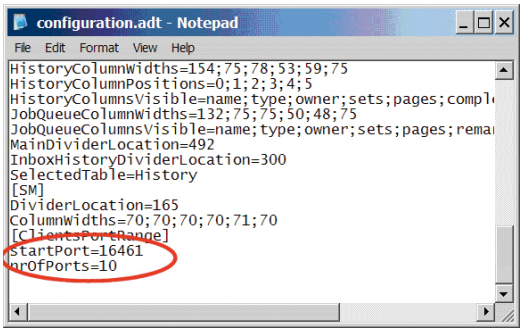
See: *Configure the Océ TDS/TCS systems for use with the printer controller remote applications* on page 73

Cause

If the configuration is correct, then it is possible that the IP-ports of the workstation are in use by another application. In this case, follow the next procedure.

Resolution

Step	Action
1	Close Océ Remote Logic or Océ Power Logic Remote on the workstation.
2	On the workstation, search for: • the '**configuration.adt**' file (for the Océ TDS7x0 or TC4 systems) • the '**ADT.cfg**' file (for the other Océ TDS/TCS systems) Open the file with a text editor (for example: Notepad).

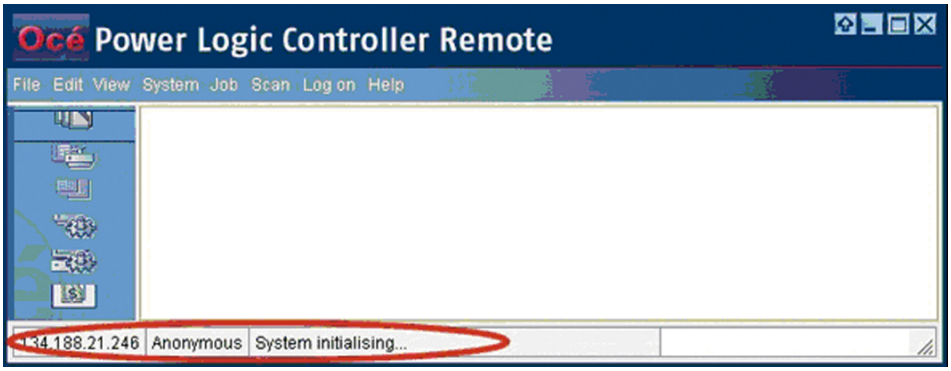
Step	Action
3	Change the 'startport' value to 16661. You can also increase the 'nrofports' value. NOTE A high value for 'nrofports' can influence the performance Océ Remote Logic or Océ Power Logic Remote.
4	 [38] Example of a modified 'configuration.adt' file Save and close the 'configuration.adt' or 'ADT.cfg' file.
5	Restart Océ Remote Logic or Power Logic Remote on the workstation.

No connection: the message field displays 'System initialising...'

Symptom

It is impossible to connect. There is a message showing 'System initialising...' and nothing happens.

The Océ Remote Logic or Océ Power Logic Remote you see is as follows.



[39] 'System initialising...' message

Cause

Several causes are possible. Follow the next instructions to solve the issue.

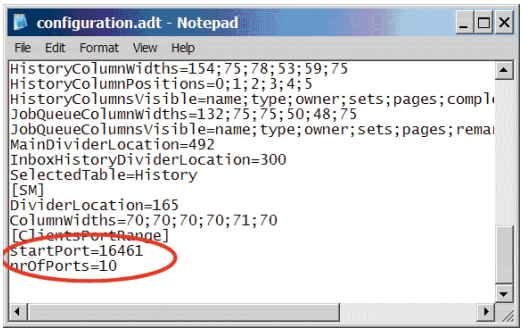
Resolution

1. Make sure that the 'Hostname' field in Océ Remote Logic or Océ Power Logic Remote is configured correctly.
   See: *Configure Océ printer controller remote applications on a workstation* on page 78
2. If the configuration is correct, then it is possible that the firewall on the client PC blocks the Remote Logic or Océ Power Logic Remote connection to the Océ Power Logic controller. Follow the next procedure.

Step	Action
1	Configure the firewall to allow the Remote Logic or Océ Power Logic Remote connection to the Océ Power Logic controller.
2	Restart Océ Remote Logic or Océ Power Logic Remote on the workstation.

3. If the above procedure does not solve the issue, then it is possible that the IP ports of the workstation are in use by another application. Follow the next procedure.

Step	Action
1	Close Océ Remote Logic or Océ Power Logic Remote on the workstation.
2	On the workstation, search for: • the '**configuration.adt**' file (for the Océ TDS7x0 or TC4 systems) • the '**ADT.cfg**' file (for the other Océ TDS/TCS systems) Open the file with a text editor (for example: Notepad).

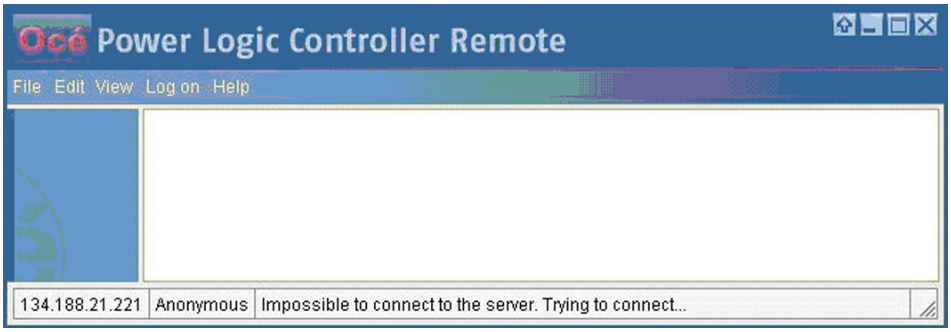
Step	Action
3	Change the 'startport' value to 16661. You can also increase the 'nrofports' value. NOTE A high value for 'nrofports' can influence the performance Océ Remote Logic or Océ Power Logic Remote.
4	 [40] Example of a modified 'configuration.adt' file Save and close the 'configuration.adt' or 'ADT.cfg' file.
5	Restart Océ Remote Logic or Power Logic Remote on the workstation.

No connection: the message field shows 'Trying to connect...'

Symptom

It is impossible to connect. The message is 'Impossible to connect to the server. Trying to connect...'. But nothing happens.

The Océ Remote Logic or Océ Power Logic Remote you see is as follows.

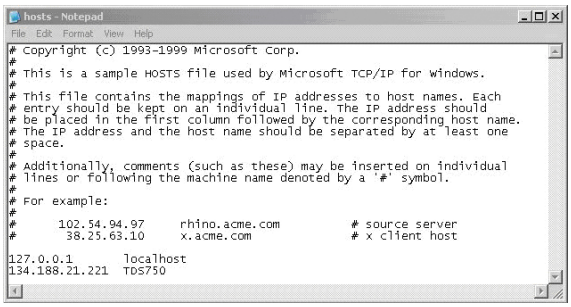


Diagnose

Use the below table to make some checks.

Resolution

Check	Action
1	Make sure the Océ TDS/TCS system is correctly configured. See: *Configure the Océ TDS/TCS systems for use with the printer controller remote applications* on page 73
2	Make sure the Océ Remote Logic or Océ Power Logic Remote is correctly configured. See: *Configure Océ printer controller remote applications on a workstation* on page 78

Check	Action
3	Try to "ping" Océ TDS/TCS system from the workstation: • Open a command prompt. • Type the command line: `ping <IP address of the printing system>`. • If it is impossible to reach the printing system, then there is a problem in the network environment. • If it is possible to reach the printing system, then type this new command line: `ping <hostname of the printing system>`. If it is impossible to reach the printing system with the hostname, then the DNS server is unable to resolve the hostname. You must add the hostname of the printing system to the 'hosts' file of your workstation: 1- Search for the 'hosts' file on your workstation (It is located usually in the `C:\Windows\system32\drivers\etc` folder). 2- Open the file in a text editor. 3- Add the IP address and the corresponding hostname at the end of the file. 4- Save and close the file. 5- Restart the workstation.  [41] Example of a modified 'hosts' file
4	The ‘configuration.adt’ or the 'ADT.cfg' file can be corrupted. Re-install Océ Remote Logic or Océ Power Logic Remote on the workstation. See: *Installation procedure* on page 76

Issue with IP address/hostname and Océ Remote Logic

Symptom

The IP addresses or hostnames of the Océ TDS/TCS system disappear every time Océ Remote Logic 12.11 is restarted.

Cause

In case of a new installation of Océ Remote Logic 12.11, the file 'Adt.cfg' has 'Read-only' attribute. But this file contains the IP addresses and/or hostname of the Océ TDS/TCS printers.

Every time the Océ Remote Logic 12.11 is restarted, the file 'Adt.cfg' restores the default content.

This problem is solved in Océ Remote Logic 12.12.

NOTE
There are 2 possible resolutions. Both are detailed here after.

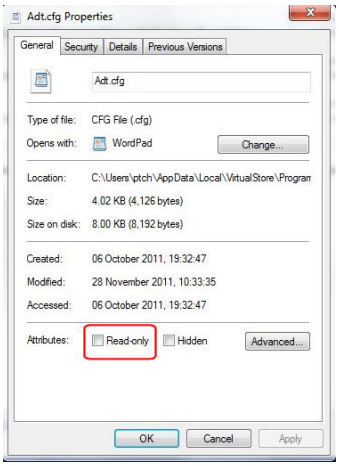
Resolution

1. Un-install Océ Remote Logic 12.11.
   See: *Un-install Océ printer controller remote applications* on page 81
2. Download Océ Remote Logic 12.12 (or higher).
   See: *Configure Océ printer controller remote applications* on page 72
3. Install Océ Remote Logic 12.12 (or higher).
   See: *Installation procedure* on page 76
4. Configure the IP address or hostname of the Océ TDS/TCS system.
   See: *Configure Océ printer controller remote applications on a workstation* on page 78

Resolution

NOTE
Log on your workstation with an account that has Administrator rights.

1. Find the file 'ADT.cfg' on your Windows workstation (several copies can exist under Windows 7).
2. Right-click on the file 'ADT.cfg'.
3. Select 'Properties'.
4. On the 'Adt.cfg Properties' window, uncheck 'Read-only' attribute.



5. Click 'OK'.

6. Repeat step 2 to 5 for all copies of the file ‘ADT.cfg’.

Océ Power Logic Remote locks up when switching to another TDS7x0 or TC4 system

Symptom

Océ Power Logic Remote 1.9 or earlier version running under Windows 7 (64-bit) locks up when switching to another TDS7x0 or TC4 system.

Diagnose

There are 2 possible resolutions for this issue.

Resolution

When available, upgrade to an Océ Power Logic Remote version that is higher than 1.9, as explained in *Upgrade procedure for Océ Power Logic Remote* on page 77

Resolution

Step	Action
1	Configure 'localhost' as the system to connect automatically when you start Océ Power Logic Remote, as explained in *Configure Océ printer controller remote applications on a workstation* on page 78.
2	Start the first instance of Océ Power Logic Remote.
3	From your application select 'File' - 'Connect to...'. A 'Connect' window opens.
4	In the drop-down list '[Oce TDS and TCS] systems' select the hostname or IP address of the first Océ TDS7x0 or TC4 system you want to connect to. Click 'OK'. The first instance of Power Logic Remote connects to the first Océ TDS7x0 or TC4 system.
5	Start another instance of Océ Power Logic Remote.
6	From your application select 'File' - 'Connect to...'. A 'Connect' window opens.
7	In the drop-down list '[Oce TDS and TCS] systems' select the hostname or IP address of another Océ TDS7x0 or TC4 system you want to connect to. Click 'OK'.
8	The second instance of Océ Power Logic Remote connects to another Océ TDS7x0 or TC4 system.

Chapter 9

Appendix A - Océ TDS/TCS systems: basic procedures

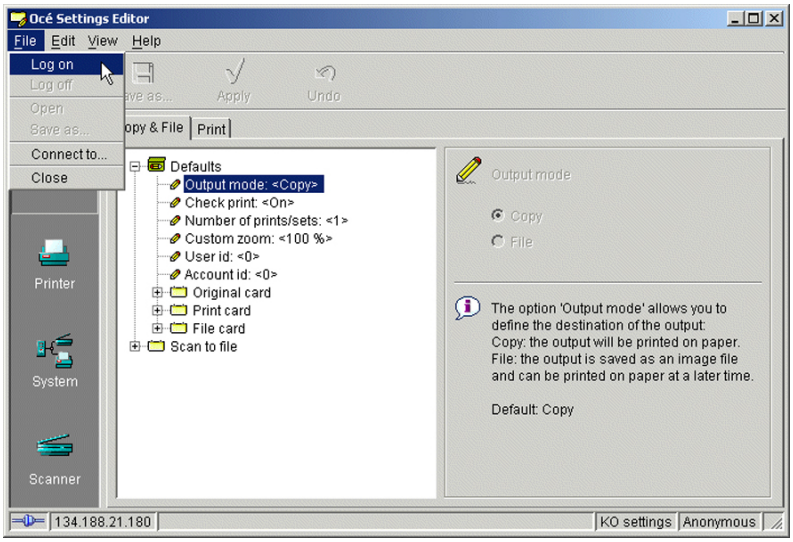
Switch the Océ Settings Editor in SA Mode

Introduction

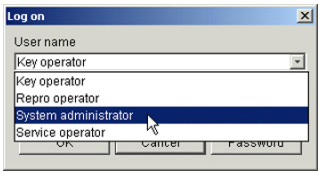
This section describes how to switch the 'Océ Settings Editor' application in System Administrator mode.

Procedure

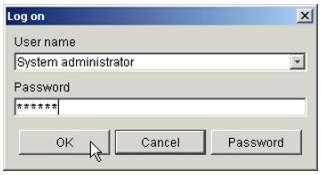
1. Once the controller is started, select the 'Océ Settings Editor' window.
2. From the 'File' menu, select 'Log on':



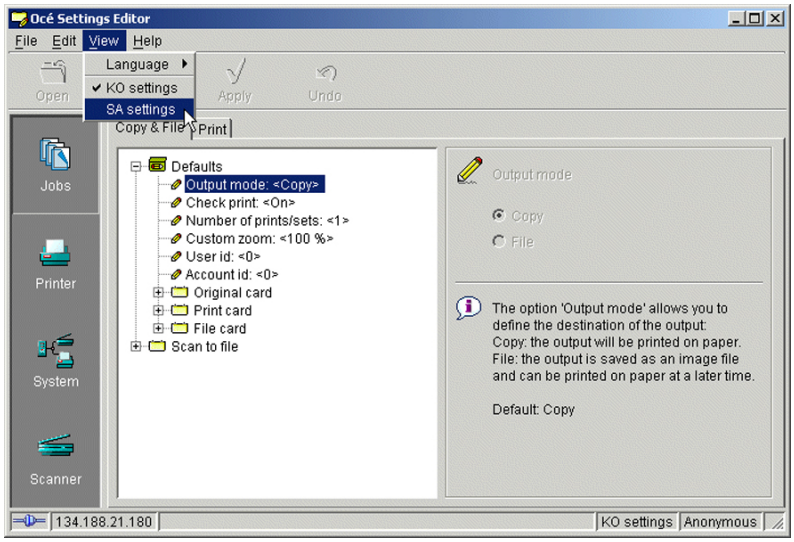
3. Select 'System Administrator':



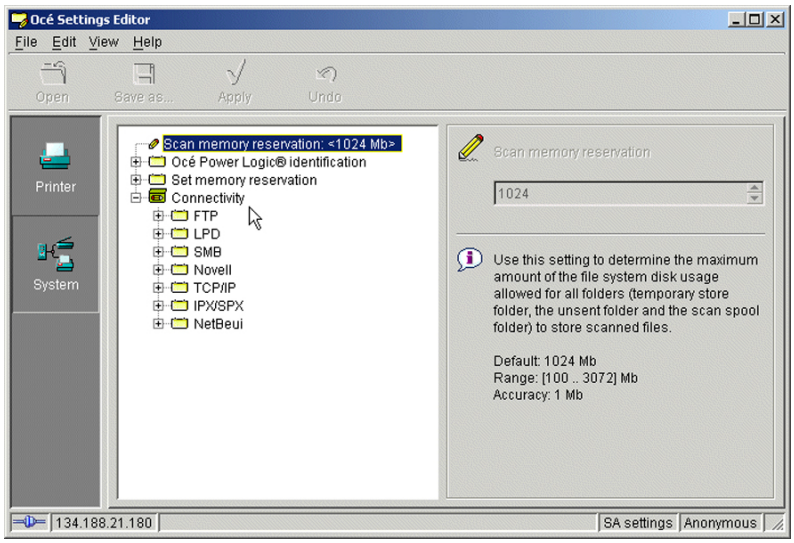
4. Enter the System Administrator Password and click 'OK'.



5. Back to the 'Océ Settings Editor' window, you must work in 'SA' mode to modify the Connectivity parameters.
   To perform this operation, select 'View' on the Menu bar and click 'SA settings'.



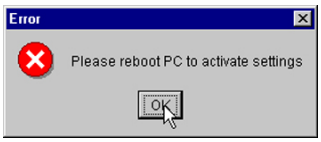
6. Click ‘System’ (left hand side of the window).
You are now able to modify the ‘Connectivity ’ parameters by selecting the ‘Connectivity’ folder in the tree.



Reboot the controller

Introduction

You modify ‘Connectivity’ parameters. Each time you click ‘Apply’ in the ‘Océ Settings Editor’, a warning message appears. It informs you that you must reboot the controller to activate the changes.

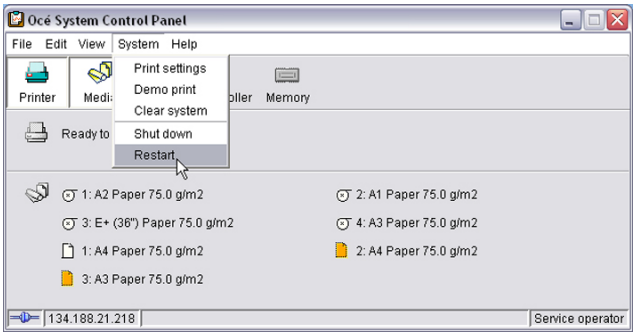


Click ‘OK’ and continue to modify the settings, or reboot the controller once all setup is done.

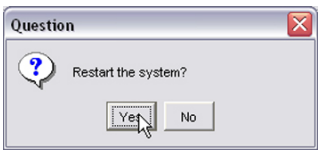
Reboot the controller

Procedure

1. Switch to the ‘Océ System Control Panel’.
2. Select ‘System’ within the ‘Menu’ bar.
3. Click 'Restart' (or ‘Shutdown’ if you do not need to restart immediately).



4. A confirmation window is displayed.
   Click ‘Yes’ to reboot the Controller.



Chapter 10

Appendix B - You and Océ

Online support for your product

Downloads

User guides, printer drivers and other resources can change without prior notice. To stay up-to-date, you are advised to download the latest resources from:

"http://downloads.oce.com"

Before you use your product, you must always download the latest safety information for your product: make sure that you read and understand all safety information in the manual entitled '**Safety Guide**' .

Support

For support information please contact your Canon local representative.

Find your local contact for support from:

"http://www.canon.com/support/"

Reader's comment sheet

Questions

Have you found this manual to be accurate?

O Yes

O No

Were you able to operate the product, after reading this manual?

O Yes

O No

Does this manual provide sufficient background information?

O Yes

O No

Is the format of this manual convenient in size, readability and arrangement (page layout, chapter order, etc.)?

O Yes

O No

Could you find the information you were looking for?

O Always

O Most of the times

O Sometimes

O Not at all

What did you use to find the required information?

O Table of contents

O Index

Are you satisfied with this manual?

O Yes

O No

Thank you for evaluating this manual.

If you have other comments or concerns, please explain or suggest improvements overleaf or on a separate sheet.

Comments:

Date:

This reader's comment sheet is completed by:

(If you prefer to remain anonymous, please do fill in your occupation)

Name:

Occupation:

Company:

Phone:

Address:

City:

Country:

Please return this sheet to:

Océ-Technologies B.V.

For the attention of ITC User Documentation.

P.O. Box 101,

5900 MA Venlo

The Netherlands

Send your comments by E-mail to: itc-userdoc@oce.com

For the addresses of local Océ organisations see: http://www.oce.com

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