

Administration guide



Large Format Systems

Connectivity information for Macintosh[®] 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 Macintosh environment from its version 2012-10.

Version	Topic	What's new?
2015-07	Printers	Support of new printers: <ul style="list-style-type: none"> • Océ ColorWave 810/910
2015-02	Printers	Support of new printers: <ul style="list-style-type: none"> • Océ ColorWave 500 • Océ ColorWave 700 • Océ PlotWave 500 Support of new printer versions: <ul style="list-style-type: none"> • Océ ColorWave 550 R3 • Océ PlotWave 340/360 R1.1
	Compatibility	Applies to Mac OS X up to the version 10.10
	General	New website URLs for downloads and for support information.
2013-08	Printers	Support of new printers: <ul style="list-style-type: none"> • Océ PlotWave 340/360 • Océ PlotWave 750 Support of new printer versions: <ul style="list-style-type: none"> • Océ ColorWave 650 R3 • Océ PlotWave 900 R2
	Compatibility	Applies to Mac OS X up to the version 10.8
2012-10	Document structure	New organization of the Connectivity Manual. This manual is now dedicated to Macintosh OS only.

Introduction for the reader

Introduction

The Océ Macintosh Connectivity Manual describes how to setup the Océ controller in order to make it work in a Macintosh environment.

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.

Scope of this document

Topic	Description
Operating system	Only the Macintosh OS X environment is covered in this document. If you need the procedures for the previous versions of the Macintosh operating systems, refer to the generic Océ WFPS Connectivity Manual, edition 2008-06.
Printers	The procedures of the present document apply to the Océ TDS, TCS, ColorWave and PlotWave printing systems.
Printer driver	To print from the Océ wide format technical documents systems, you must use the Océ Adobe® PostScript® 3™ Driver. You can download the latest version from this web page: http://downloads.oce.com

Scan-to-File to a Mac OS X computer

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

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

List of abbreviations

Abbreviation	Full expression
CW	ColorWave
CW6x0	Océ ColorWave 600 and Océ ColorWave 650
LAN	Local Area Network
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
TDS7x0	Océ TDS700 and Océ TDS750

Supported transport and printing protocols

Before you begin

To connect a Macintosh computer to an Océ wide format printing system, you must use the TCP/IP protocol in a peer to peer configuration.



NOTE

The TCP/IP protocol is active by default on the Mac OS X.

Refer to your Macintosh User Guide to check the TCP/IP protocol.

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

Océ system	Transport protocols	Printing protocols
Océ TDS (all)	• TCP/IP	• LPD • FTP
Océ TCS (all)		
Océ ColorWave (all)	• TCP/IP	• LPR • FTP
Océ PlotWave (all)		

Physical connections

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

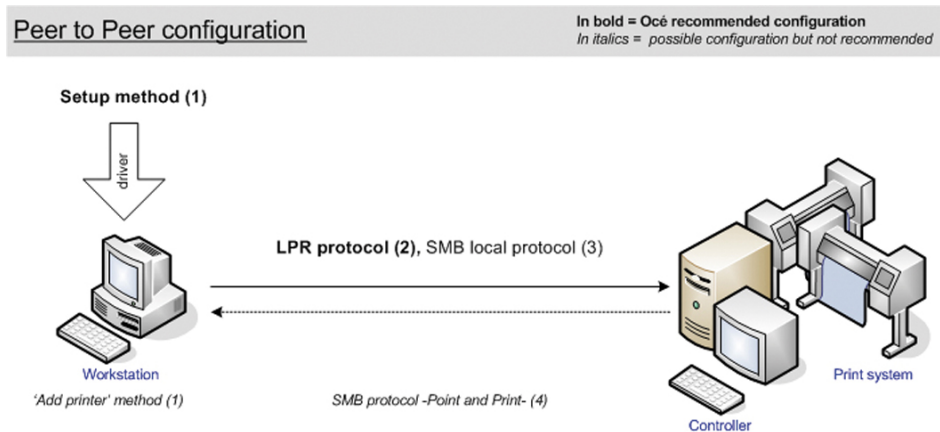
- Standard: Ethernet (UTP) 10Mb/s, 100Mb/s and 1Gb/s with RJ45 connector

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/PW/CW systems, except for the Océ ColorWave 5x0/6x0/650PP/700/810/900/910 and the Océ PlotWave 340/360/500 printers.

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.

If your printer is an	Then refer to this procedure
Océ TDS/TCS - except Océ TCS300	<ul style="list-style-type: none"> • Configure the TCP/IP settings in a network configuration by DHCP on page 29 or • Configure the TCP/IP settings in a network configuration with a fixed IP-address on page 44
Océ PlotWave 750/900 R2	<ul style="list-style-type: none"> • Configure TCP/IP settings in a network configuration by DHCP on page 25 or • Configure TCP/IP settings in a network configuration with a fixed IP-address on page 40
Océ TCS300 or another Océ Color-Wave/PlotWave	Configure the TCP/IP settings: prepare the configuration for a first installation on page 15



NOTE

To know the your network configuration type, see: [Get to know the type of TCP/IP network on page 17](#).



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.

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,
- contact your Océ technician or representative,
- for Océ PlotWave 340/360/500 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).

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 31
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 19
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 17

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 340/360/500 and Océ ColorWave 500/700)

Step	Océ PlotWave 340/360/500 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: <ul style="list-style-type: none"> • The Internet protocol: 'IPv4' • The IP address: 'Auto by DHCP' • The Network speed: 'Auto' Wait until the network settings are acquired.
	Optionally, type in: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • '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: <ul style="list-style-type: none"> • '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 19
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 31

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	<i>Configure the TCP/IP settings on an Océ ColorWave 550/650 R3 on page 22</i>
Océ PlotWave 340/360/500 Océ ColorWave 500/700	<i>Configure the TCP/IP settings on an Océ PlotWave 340/360/500, Océ ColorWave 500/700 on page 23</i>
Océ PlotWave 750/900 R2	<i>Configure the TCP/IP settings on an Océ PlotWave 750/900 R2 on page 25</i>
Océ ColorWave 810/900/910	<i>Configure the TCP/IP settings on an Océ ColorWave 810/900/910 on page 27</i>
Océ TCS300 or another Océ Plot-Wave/ColorWave system	<i>Configure the TCP/IP settings on Océ TCS300 / Océ ColorWave and PlotWave systems on page 19</i>
Océ TDS/TCS (except TCS300)	<i>Configure the TCP/IP settings on an Océ TDS/TCS system on page 29</i>

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 17](#)

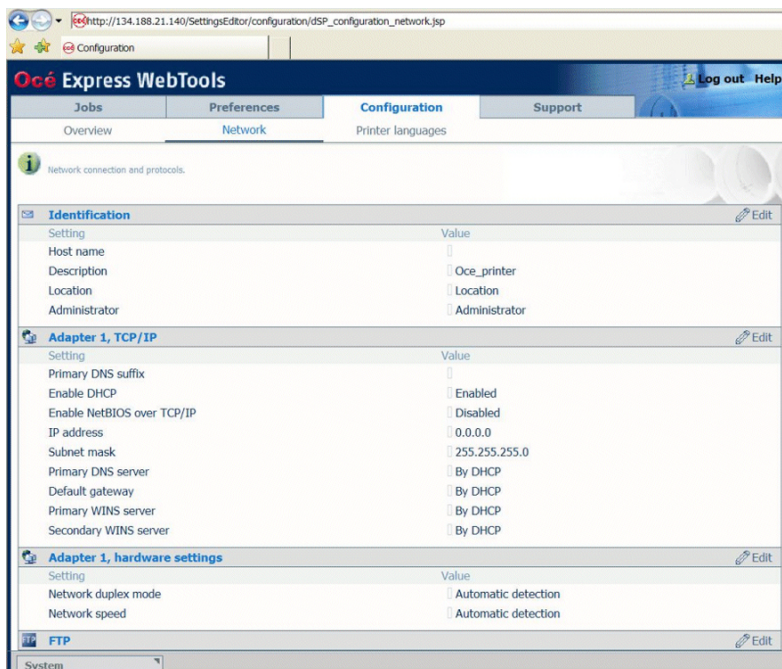


NOTE

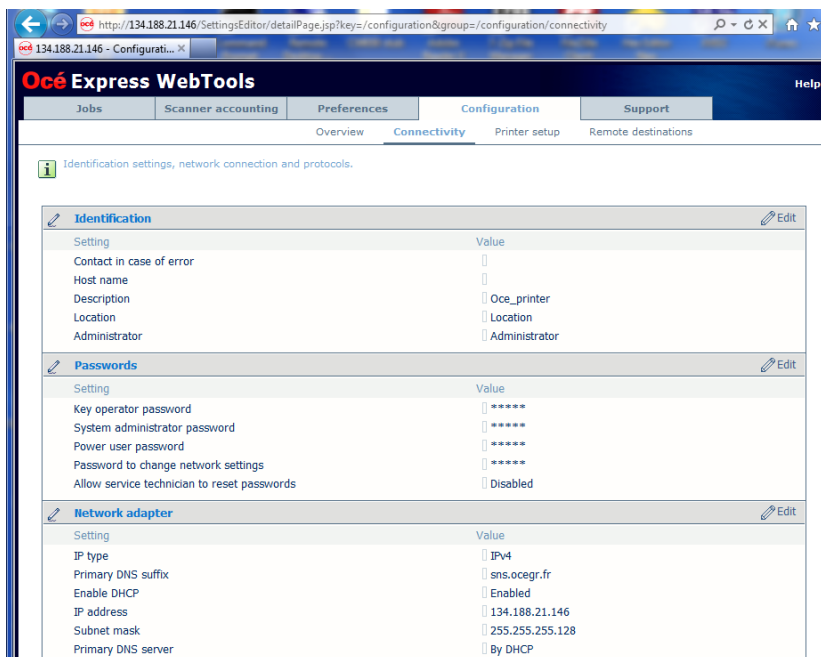
If no DHCP reservation is done, the IP address can change in the future. In this case, it is possible that the Océ printing system cannot be reached anymore.

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

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.

Step	Action
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: <ul style="list-style-type: none"> • 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 17](#)



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: <ul style="list-style-type: none"> • 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 340/360/500, 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

The screenshot shows the Océ Express WebTools interface for a printer model PW340. The 'Configuration' menu is selected, and the 'Connectivity' tab is active. The 'Identification' section is expanded, showing settings for Contact in case of error, Hostname (PW340), Description (Oce_printer), Location, and Administrator. The 'Network adapter' section is also expanded, showing settings for IP type (IPv4), Primary DNS suffix (occreateil.oce.net), DNS configuration by DHCP (Enabled (134.188.140.180)), WINS configuration by DHCP (Enabled (134.188.140.180) (0.0.0.0)), NETBIOS configuration by DHCP (Enabled), Enable or disable NETBIOS (Enabled), IP address configuration by DHCP (Enabled (134.188.139.23) (255.255.255.0)), Gateway configuration by DHCP (Enabled (134.188.139.1)), and Link speed and duplex mode (Automatic detection).

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.

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

Step	Action
8	Configure the TCP/IP (IPv4) settings as follows: <ul style="list-style-type: none">• 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	<p>Open the Océ Express WebTools page:</p> <ul style="list-style-type: none"> • 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	<p>Select the 'Configuration' menu. Open the 'Connectivity' tab.</p>
3	<p>Go to the 'System identification' section. Click 'Edit' and log in as a System Administrator.</p>
4	<p>Define the hostname.</p> <p> NOTE Make sure the hostname is unique within the network.</p>

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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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 17](#).



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

The screenshot shows the Océ Express WebTools interface for a CW910 printer. The 'Connectivity' tab is selected, and the 'TCP/IP: IPv4' section is expanded. The settings are as follows:

Setting	Value
IPV4 address and subnet mask supplied by DHCP	Enabled (134.188.21.226) (255.255.255.128)
Default gateway IPv4 address supplied by DHCP	Enabled (134.188.21.254)
DNS server IPv4 address supplied by DHCP	Enabled (134.188.21.134)
NetBIOS supplied by DHCP	Enabled
NetBIOS name resolution	Enabled
WINS server IPv4 addresses supplied by DHCP	Enabled (134.188.21.134) (0.0.0.0)

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. <div style="display: flex; align-items: center;"> <div> <p>NOTE</p> <p>Make sure the hostname is unique within the network.</p> </div> </div>
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: <ul style="list-style-type: none">• 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: <ul style="list-style-type: none">• 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:

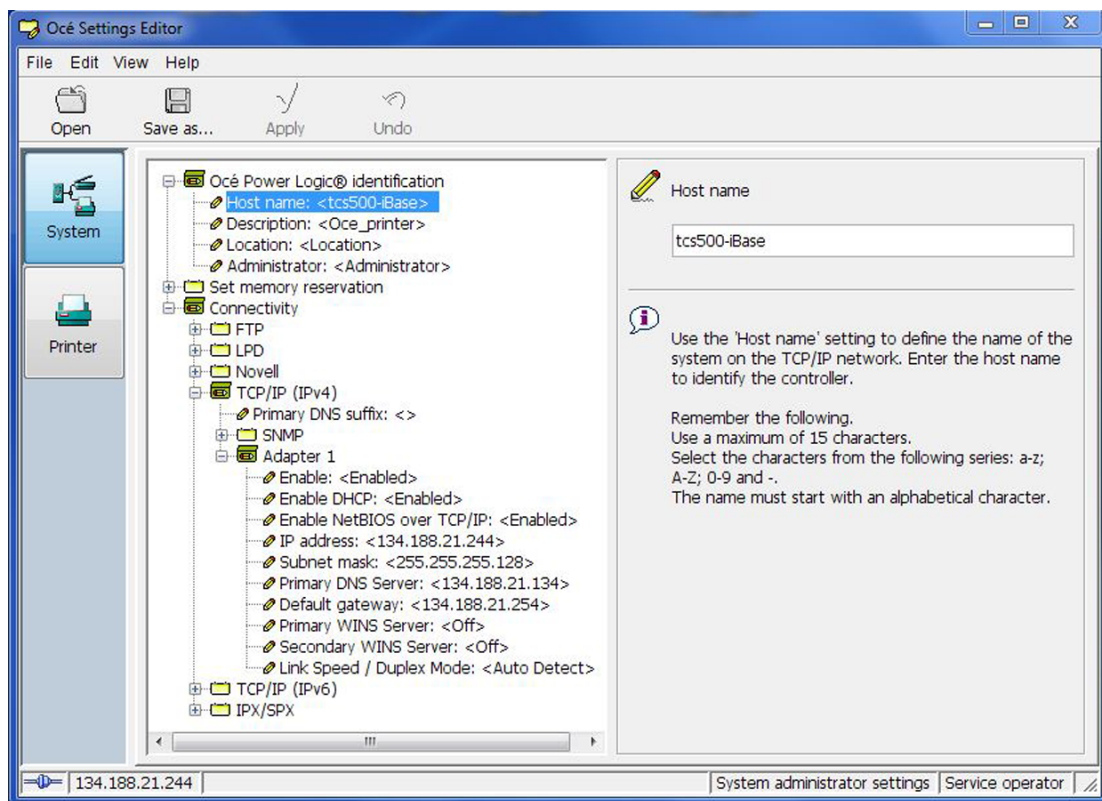
- Océ TDS/TCS Settings Editor or Océ Remote Logic
- Océ TDS700, TDS750 and Océ TC4 Power Logic Controller or Océ Power Logic Controller Remote

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 74](#)

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: <ul style="list-style-type: none"> • 'Connectivity' • 'TCP/IP (IPv4)' • 'Adapter 1' 	Click 'Edit' on 'TCP/IP (IPv4)' section.
3	Configure the TCP/IP (IPv4) settings as follows: <ul style="list-style-type: none"> • 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 76).	



NOTE

If the IP address has been changed, Océ Remote Logic or Océ Power Logic Controller Remote must be reconfigured. For the complete procedures to configure the printer controller remote applications, refer to Océ LF Systems Connectivity information for Windows® environment.

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	<i>Configure the TCP/IP settings on an Océ ColorWave 550/650 R3 on page 35</i>
Océ PlotWave 340/360/500 Océ ColorWave 500/700	<i>Configure the TCP/IP settings on an Océ PlotWave 340/360/500, Océ ColorWave 500/700 on page 38</i>
Océ PlotWave750/900 R2	<i>Configure the TCP/IP settings on an Océ PlotWave 750/900R2 on page 40</i>
Océ ColorWave 810/900/910	<i>Configure the TCP/IP settings on an Océ ColorWave 810/900/910 on page 42</i>
Océ TCS300 or another Océ Color-Wave/Plotwave system	<i>Configure the TCP/IP settings on an Océ TCS300 / Color-Wave and PlotWave system on page 31</i>
Océ TDS/TCS (except TCS300)	<i>Configure the TCP/IP settings on an Océ TDS/TCS system on page 44</i>

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.

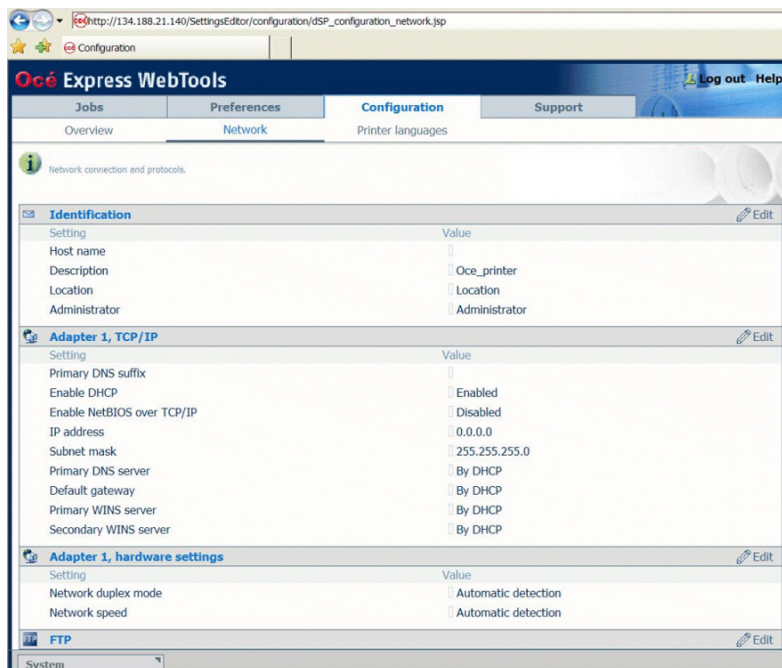
Configure basic TCP/IP settings from the user panel of the printer

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. ▶

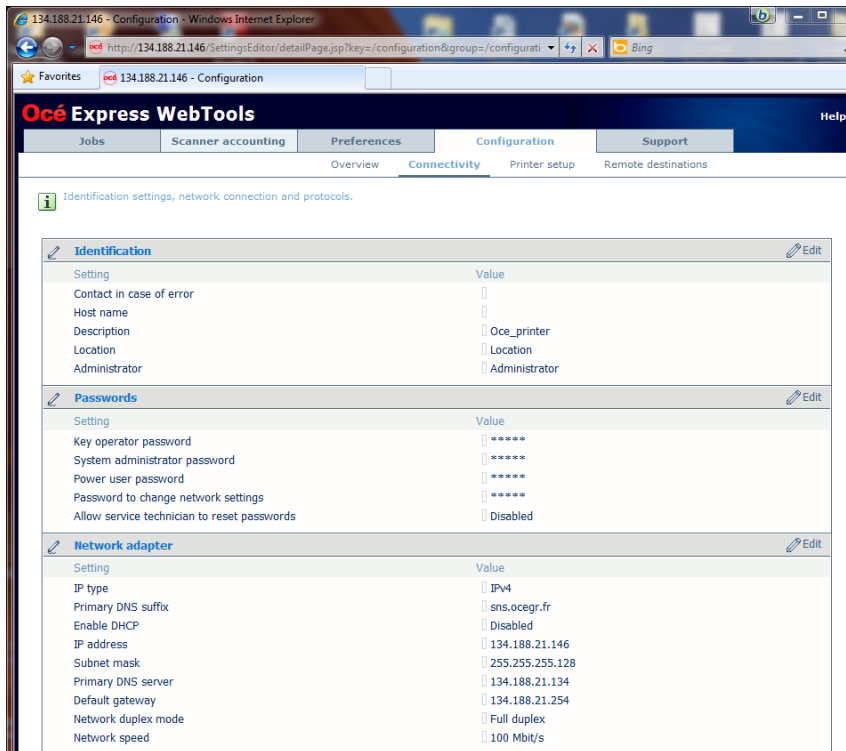
Configure the TCP/IP settings (Océ TCS300 / ColorWave and PlotWave systems): manual network configuration with a fixed IP-address

Step	Océ TCS300	Océ ColorWave 300/600, ColorWave 550/650 R2/650PP or Océ PlotWave 300/350
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: <ul style="list-style-type: none"> • IP address of the printer • Subnet mask • Default gateway If needed, configure <ul style="list-style-type: none"> • 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



[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.

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

Step	Action
7	<p>Configure the TCP/IP (IPv4) settings as follows:</p> <ul style="list-style-type: none">• 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.

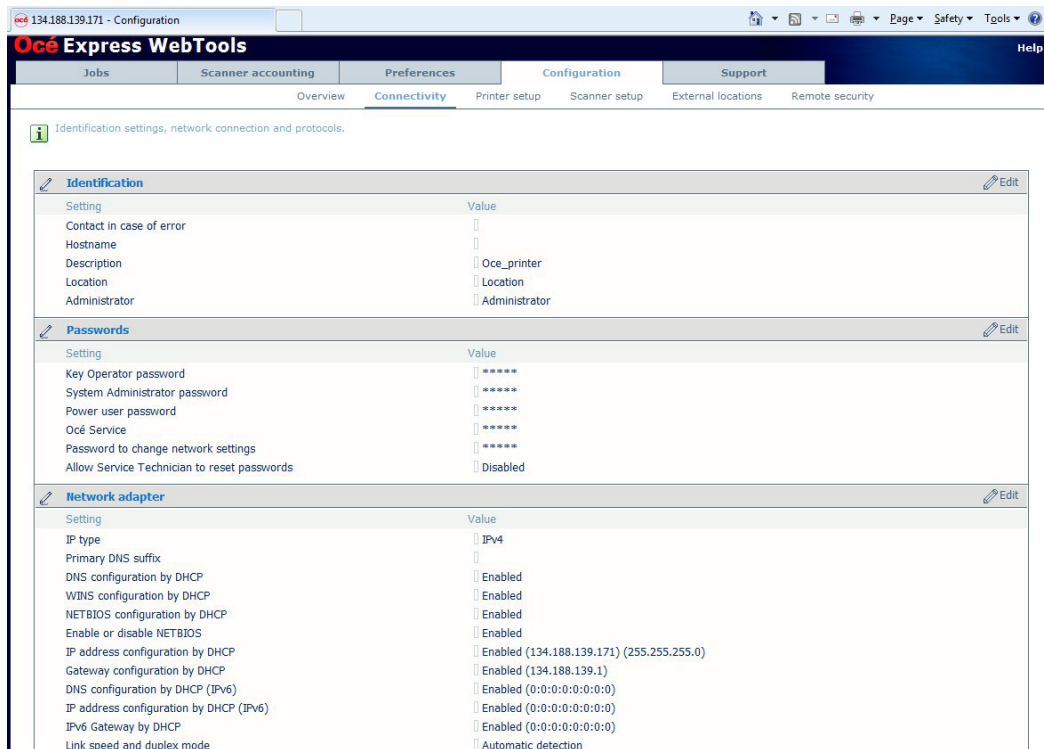
Configure basic TCP/IP settings from the user panel of an Océ ColorWave 550/650 R3 system

Step	Action
1	From the user panel, select 'System' - 'Setup' - 'Network settings'
2	Click 'Next' twice to start the Wizard
4	Select: <ul style="list-style-type: none"> • 'Speed', then 'Auto negotiation' • 'Advanced setup' • the IP protocol 'IPv4', then 'Next'
	Define the following TCP/IP (IPv4) settings: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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 340/360/500, 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.

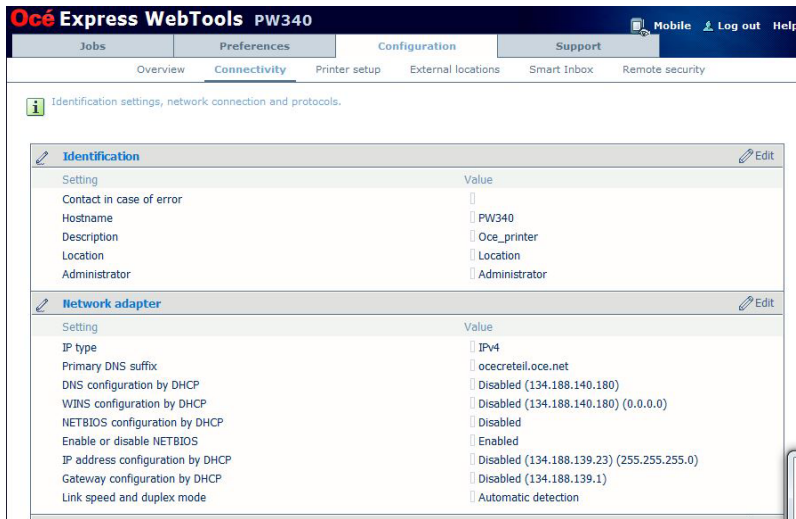
Configure basic TCP/IP settings on the user panel of an Océ PlotWave 340/360/500 or Océ ColorWave 500/700 system


Step	Océ PlotWave 340/360/500	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: <ul style="list-style-type: none"> The IP protocol: 'IPv4' The IP address: 'Manual' 	Select: <ul style="list-style-type: none"> The Internet protocol: 'IPv4' The IP address: 'Manual'
6	Configure the following TCP/IP (IPv4) settings: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> • 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

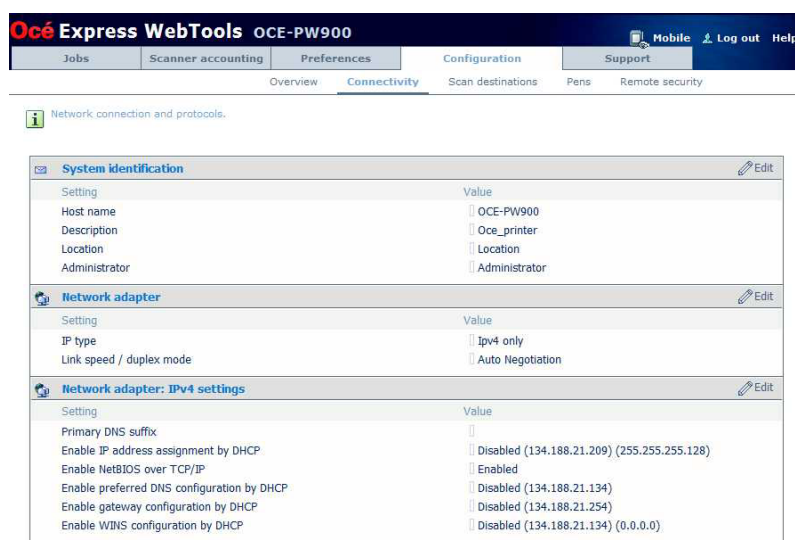
The next procedure only applies for an integration of the printer in a full IPv4 environment.

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)

Step	Action
1	Open the Océ Express WebTools page: <ul style="list-style-type: none"> 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.
5	Click 'OK' to save the settings. You are proposed to restart the system. Do NOT restart the system now.

Step	Action
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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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

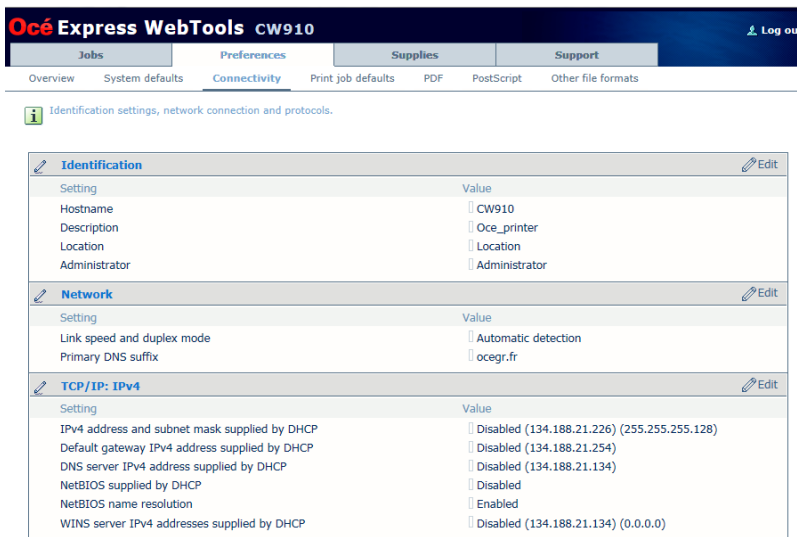
Make sure you know the IP address assigned to the Océ printer.

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: <ul style="list-style-type: none"> • '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: <ul style="list-style-type: none"> • 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



Setting	Value
Hostname	CW910
Description	Oce_printer
Location	Location
Administrator	Administrator

Setting	Value
Link speed and duplex mode	Automatic detection
Primary DNS suffix	ocegr.fr

Setting	Value
IPv4 address and subnet mask supplied by DHCP	Disabled (134.188.21.226) (255.255.255.128)
Default gateway IPv4 address supplied by DHCP	Disabled (134.188.21.254)
DNS server IPv4 address supplied by DHCP	Disabled (134.188.21.134)
NetBIOS supplied by DHCP	Disabled
NetBIOS name resolution	Enabled
WINS server IPv4 addresses supplied by DHCP	Disabled (134.188.21.134) (0.0.0.0)

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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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

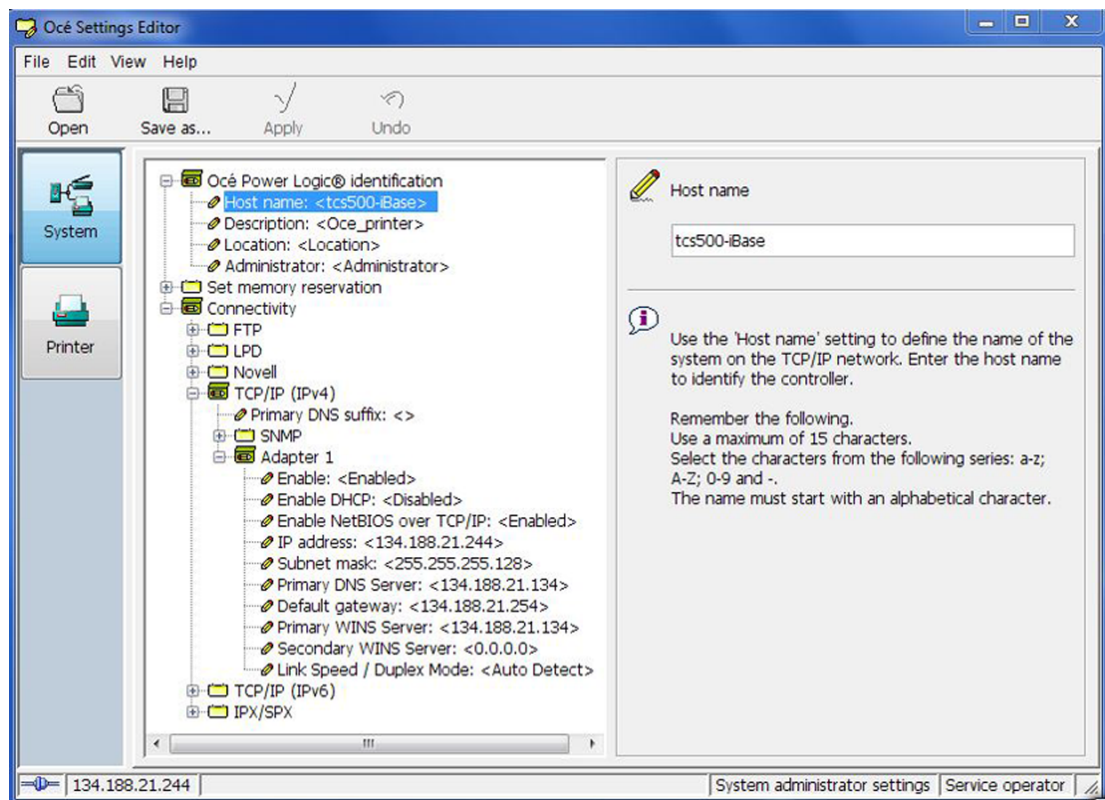
The procedures given below apply to the following user interfaces:

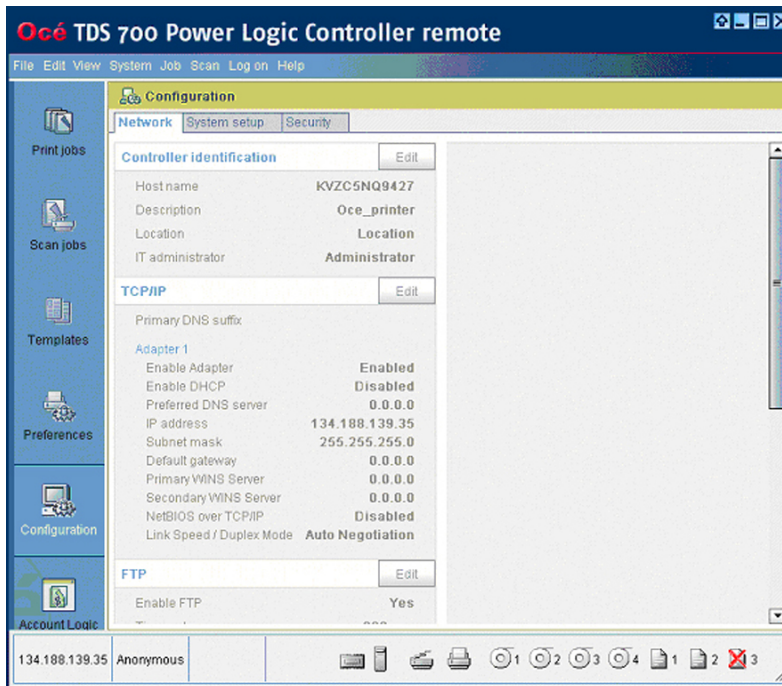
- Océ TDS/TCS Settings Editor or Océ Remote Logic
- Océ TDS700, TDS750 and Océ TC4 Power Logic Controller or Océ Power Logic Controller Remote

Before you begin


- Log on as a System Administrator.
- Switch the Océ Settings Editor in SA mode.
See: [Switch the Océ Settings Editor in SA Mode on page 74](#)

Illustration





Step	Océ TDS/TCS systems	Océ TDS7x0 system
1	Click the 'System' icon.	Click the 'Configuration' link.
2	Expand the following folders: <ul style="list-style-type: none"> • 'Connectivity' • 'TCP/IP (IPv4)' • 'Adapter 1' 	Click 'Edit' on 'TCP/IP (IPv4)' section.
3	Configure the TCP/IP (IPv4) settings as follows: <ul style="list-style-type: none"> • make sure that 'Adapter 1' is enabled • disable 'DHCP' • enable 'NetBIOS over TCP/IP', if it exists • define the TCP/IP parameters: <ul style="list-style-type: none"> - 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. Do so (see Reboot the controller on page 76).	

Enable print protocols

Enable LPD/LPR protocol

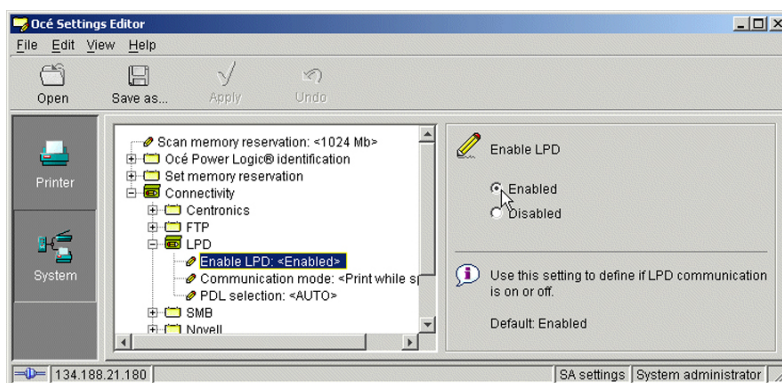
Before you begin

- 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 on page 74.](#)
2. Select 'Connectivity' - 'LPD' - 'Enable LPD'.
3. Select 'Enabled' on the right panel ('Enable LPD').

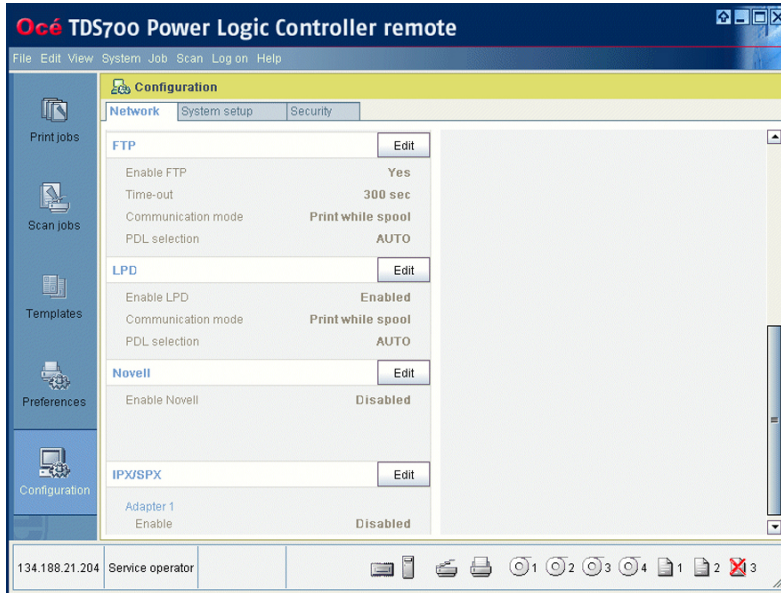


4. Click 'Apply'.
You are then proposed to reboot the controller.
Either, click 'OK' and go on with the other parameters setup, or, once all the setups are done, reboot the controller (see [Reboot the controller on page 76](#)).

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'.

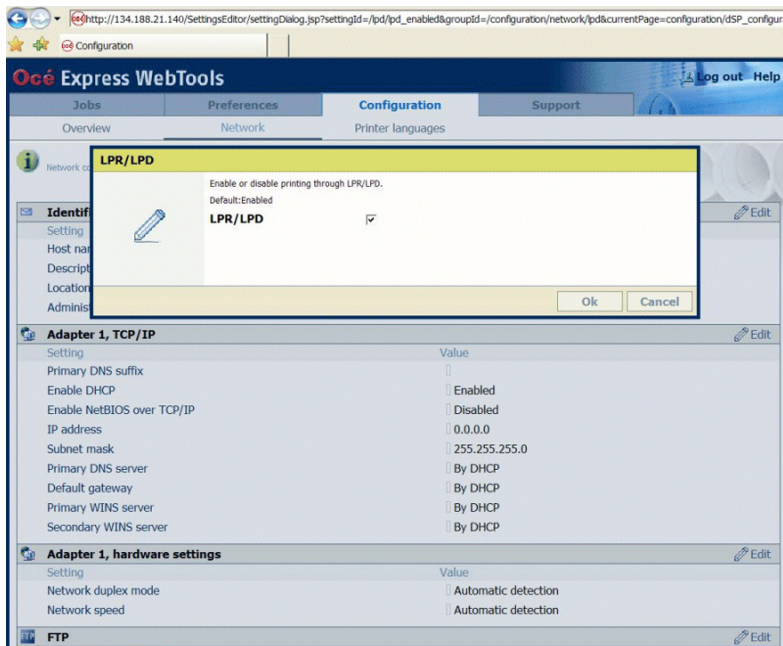


3. Select 'Enabled' (in 'Enable LPD').
4. Click 'OK'.
You are proposed to restart the controller.
Either click 'OK' and go on with the other parameters setup, or, once all the setups are done, restart the controller.

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

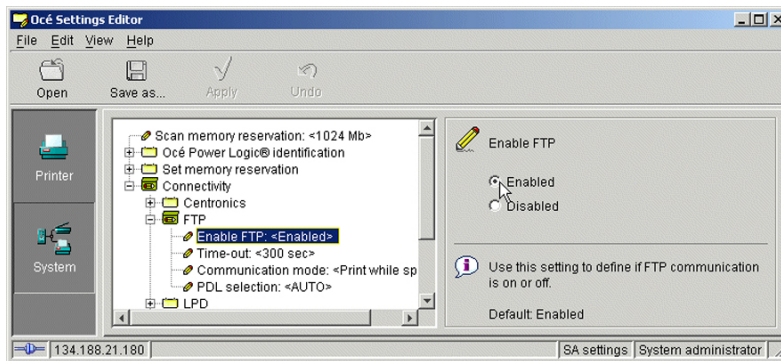
Before you begin

- 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 on page 74.](#)
2. Select 'Connectivity' - 'FTP' - 'Enable FTP'.
3. Select 'Enabled' on the right panel ('Enable FTP').

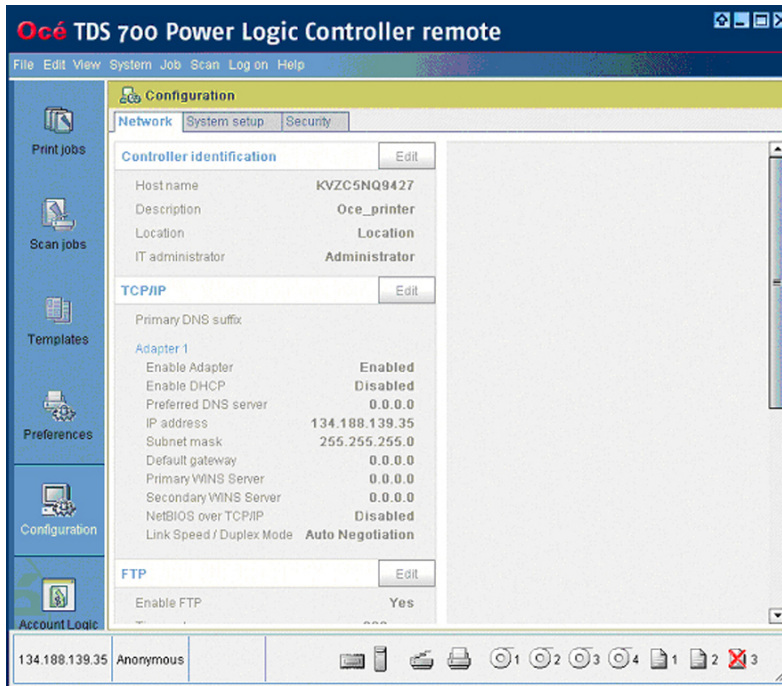


4. Click 'Apply'.
You are proposed to reboot the controller.
Either, click 'OK' and go on with the other parameters setup, or, once all the setups are done, reboot the controller (see [Reboot the controller on page 76](#)).

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 FTP protocol for Océ PlotWave 340/360/500 and Océ ColorWave 500/550/600/650/650PP/700

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 'Connectivity'.
3. In the 'FTP' section, click '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.

FTP	
Setting	Value
FTP	<input checked="" type="checkbox"/> Enabled
Time-out	<input type="text" value="300 s"/>
PDL selection	<input type="text" value="Automatic"/>

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

Océ Mobile WebTools

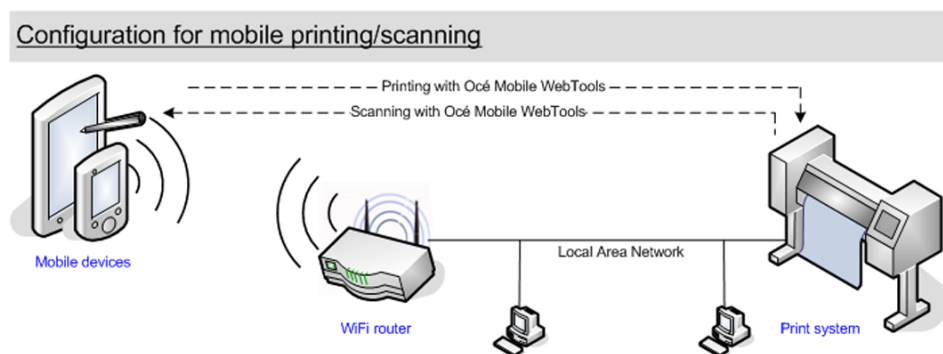
Introduction

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

- Submit a print-ready file to the Océ PlotWave 340/350/360/750/900 and Océ ColorWave 500/700 from a mobile device (smart phone or tablet)
- Save a scanned file from the Océ PlotWave 340/350/360/750/900 and Océ ColorWave 500/700 onto a mobile device
- Delete a scanned file on the Océ PlotWave 340/350/360/750/900 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 350
- Océ PlotWave 360
- Océ PlotWave 500
- 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 56](#)) in order to generate and print the [Quick Response Card] (connection sheet - see: [Generate the 'Quick Response Card' on page 58](#)). 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 59](#)).
- 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 340/350/360/750/900 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

Mobile		Edit
Setting	Value	
Wi-Fi name on QRC sheet	WIFI_1	
Wi-Fi key on QRC sheet	WIFIKEY	

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]

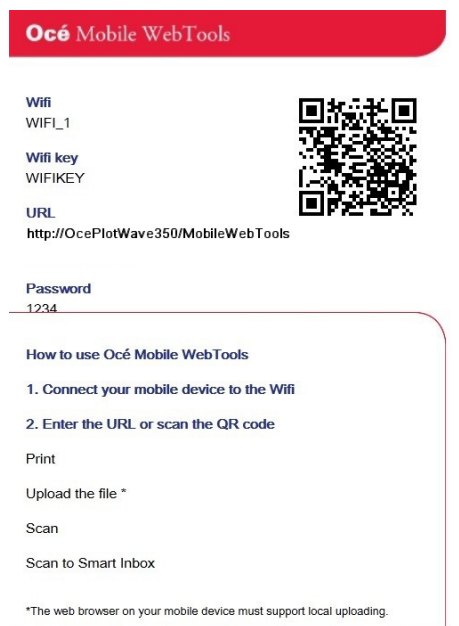
Purpose

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 administrator or Power user enters the connectivity information for a mobile connection (see [Configure Océ Express WebTools for a mobile connection on page 56](#)).

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 55](#))
- Make sure the system is configured (see: [Configure Océ Express WebTools for a mobile connection on page 56](#))
- Make sure the [Quick Response Card] of the printer is available to you (see: [Generate the 'Quick Response Card' on page 58](#)).
- 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.

Chapter 3

Print on the workstation

Print using an Adobe PostScript 3 driver

Install Adobe PostScript 3 driver

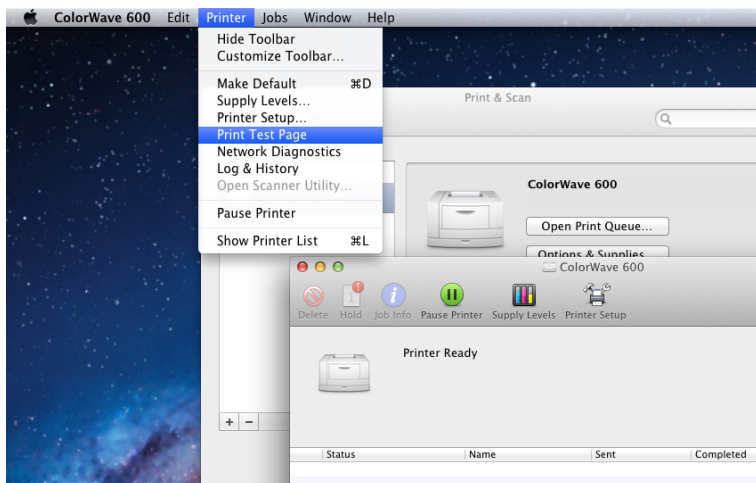
Refer to the Océ PS3 Installation Guide.

You can retrieve this manual from the corporate website, <http://downloads.oce.com>. Select 'Océ WFPS PostScript Driver' as product, select manuals and your specific language to download the manual.

Print a test page

Procedure

1. Open the 'Print & Fax' (Mac OS X 10.6), 'Print & Scan' (from Mac OS X 10.7 and 10.8), or 'Printers & Scanners' (from Mac OS X 10.9) and select the new printer in the left frame.
2. Click 'Open Print Queue'.
The printer queue opens. The Desktop top menus change accordingly.
3. From the Desktop top bar, open the 'Printer' menu and click 'Print Test Page'.



[8] Print a test page

Now, check the print-out from the printer.

Print via FTP

Introduction

You can use FTP to transfer job prints from Mac OS X.

Print via FTP on Mac OS X

Procedure

1. From the 'Finder', select 'Applications' - 'Utilities' - 'Terminal' to access the UNIX terminal window.
2. Enter the `ftp` command.
You get the `ftp>` prompt.
3. Enter the `open` command followed by either:
 - the registered name of the remote host (`open hostname`).
 - the IP address (e.g. `134.188.21.165`).
4. Press 'Enter' to connect to the remote FTP server.
The connection with the FTP server is now established and a prompt appears asking for a user name.



NOTE

Instead of performing steps 2 and 3 you can also enter `ftp hostname` in the FTP client.

5. Enter a user name (e.g. `anonymous`), and press 'Enter' when prompted for the password.
A connection is now set up for the user `anonymous`.
6. For Océ TDS/TCS systems, enter `binary` to set the transmission mode to binary.
7. Enter the command `cd jobs` to open the jobs directory.
8. Go to the local directory in which the data you want to print are stored (for example a MISC folder) by using the following command:
`lcd [here you drag and drop the icon of your MISC folder]`
9. Send the data file (for example: `test.pdf`) via either:
 - the `put` command and the file name (e.g. `put test.pdf`).
 - the `put` command and you drag and drop the icon of your 'test.pdf' file (e.g. `put [icon of your 'test.pdf' file]`).

The data is now sent to the input spool directory of the controller, processed and printed.

10. Exit FTP by entering the `bye` command.

```

Jean-Louiss-Mac-mini:~$ ftp
Last login: Tue Sep 11 15:37:56 on console
Jean-Louiss-Mac-mini:~$ ftp
ftp> open 134.188.21.232
Connected to 134.188.21.232.
220 PW300 FTP Service (Version 4.5.8).
Name (134.188.21.232:genius): anonymous
331 anonymous access allowed, send identity (e-mail name) as password.
Password:
230 anonymous user logged in.
Remote system type is UNIX.
Using binary mode to transfer files.
ftp> cd jobs
250 CWD command successful.
ftp> lcd /Users/genius/Desktop/Misc
Local directory now: /Users/genius/Desktop/Misc
ftp> put /Users/genius/Desktop/Misc/Test.pdf
local: /Users/genius/Desktop/Misc/Test.pdf remote: /Users/genius/Desktop/Misc/Te
st.pdf
229 Entering Passive Mode (|||4242|).
150 Opening BINARY mode data connection for /.
100% |*****| 3484 KiB  11.32 MiB/s   00:00 ETA
226 Transfer complete.
3568007 bytes sent in 00:00 (10.89 MiB/s)
ftp> bye
221 Good bye.
Jean-Louiss-Mac-mini:~$ ftp

```

Print via SMB

Introduction

You can transfer print jobs via SMB from Mac OS X, for the Océ PlotWave 340/360/500 and Océ ColorWave 500/700 .

Prepare a shared folder on the Mac

Procedure

1. Create a shared folder, for example 'Mac_share'.
2. Select and right-click the folder.
Select 'Get info' from the list (or use keyboard combination 'CMD' + 'I').
3. Check the 'Shared folder' checkbox, to enable folder sharing.
4. Open 'System Preferences' - 'Sharing'.
5. Enable 'File sharing'.
6. Select your shared folder and set the user rights, 'Read&Write' or 'Read only'.

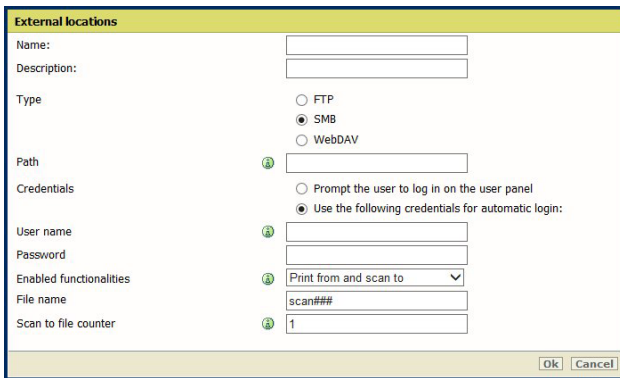
Configure the SMB external location on the printer controller

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.



[9] 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: <ul style="list-style-type: none"> • \\<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 72

Text box	Content to define
<p>Credentials (except for Océ PlotWave 340/360 versions prior to v1.1)</p>	<p>Select one of the proposed values.</p> <ul style="list-style-type: none"> '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. <p> 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.</p> <ul style="list-style-type: none"> '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. <p> IMPORTANT For the Océ PlotWave 340/360 printers: this value is only available from the version v1.1 of the printer.</p> <p>To know how to log in from the user panel, refer to the dedicated section in the present guide.</p>
<p>User name</p>	<p>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:</p> <ul style="list-style-type: none"> Local user name: <ul style="list-style-type: none"> <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>.
<p>Password</p>	<p>Enter the password of the user account with the 'Full Control' permissions.</p>
<p>Access permissions Enabled functionalities</p>	<p>None, Print from only, Scan to only, Print from and Scan to</p>

- Click 'OK'.

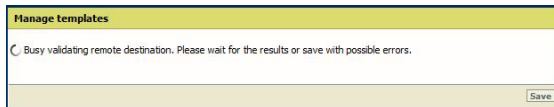


NOTE

It is possible to create 421 external locations, for the Océ PlotWave 340/360 R1.2 and up, the Océ PlotWave 500 R1.1 and up, and the Océ ColorWave 500/700. 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 69](#).

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

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 340/360/500/750/900-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.	<ul style="list-style-type: none"> Check the remote user name and the password. If the user name and password are correct, check the syntax of the external location name: <ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> 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.	<p>Make sure the path syntax conforms to:</p> <ul style="list-style-type: none"> \\hostname\share[\folder\...] or, \\<IP_address>\share[\folder\...]
The remote host could not be found.	<ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> • 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 340/360/500/750/900-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 340/360/500/750/900-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.	<ul style="list-style-type: none"> • 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.	<ul style="list-style-type: none"> • 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 message 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 340/360/500/750/900-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`

Chapter 4

Appendix A - Océ TDS/TCS systems: basic procedures

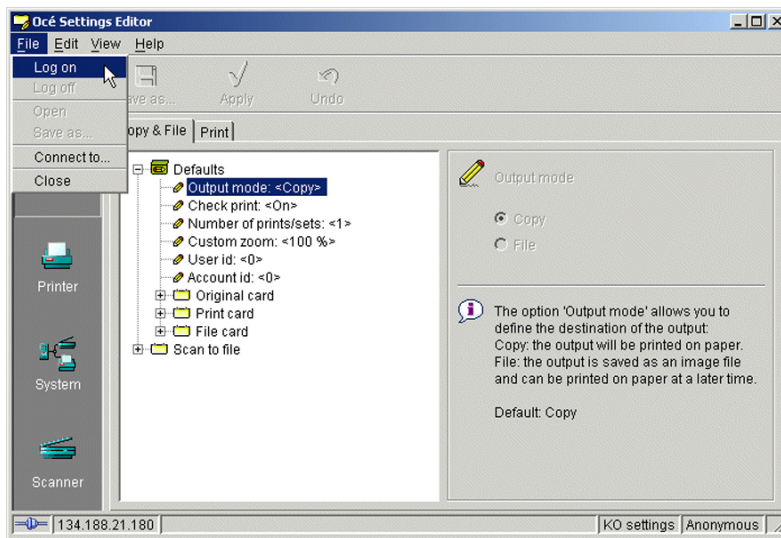
Switch the Océ Settings Editor in SA Mode

Introduction

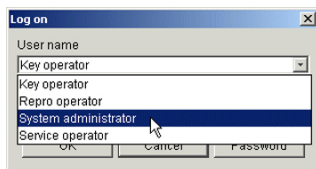
This section describes how to switch the 'Océ Settings Editor' application in System Administrator mode.

Procedure

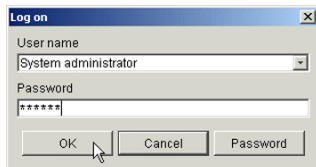
1. Once the controller is started, select the 'Océ Settings Editor' window.
2. From the 'File' menu, select 'Log on':



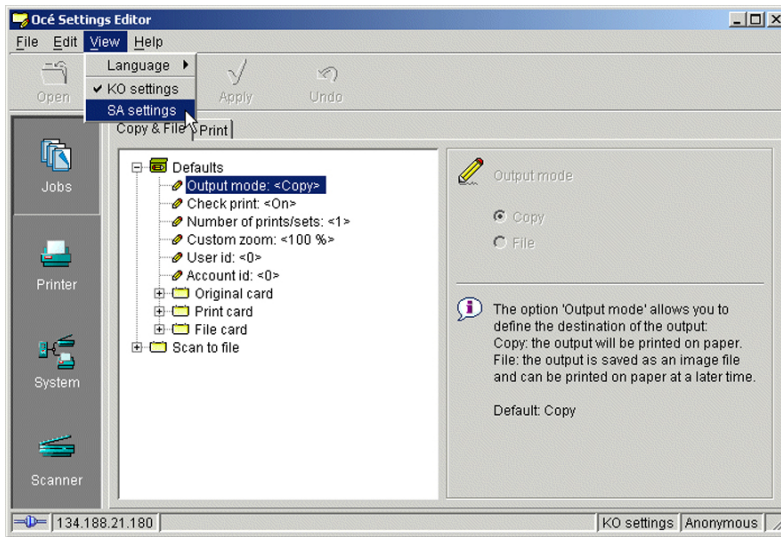
3. Select 'System Administrator':



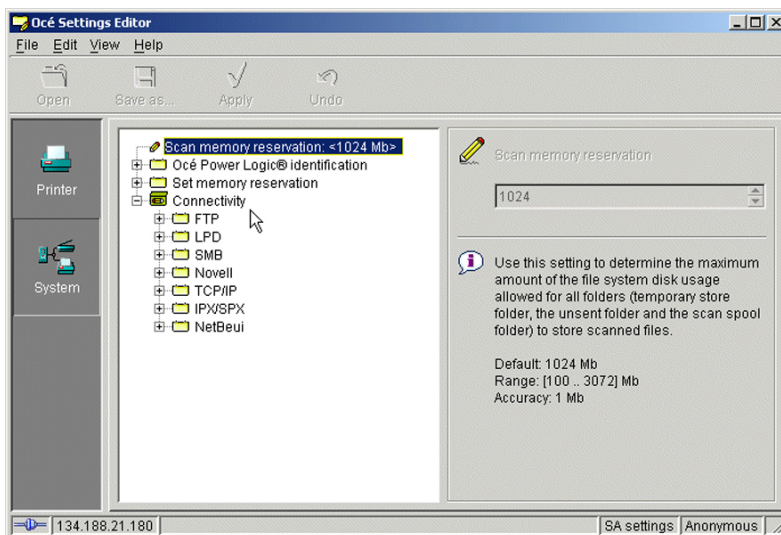
4. Enter the System Administrator Password and click 'OK'.



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'.



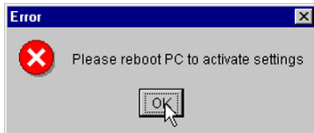
6. Click 'System' (left hand side of the window).
 You are now able to modify the 'Connectivity' parameters by selecting the 'Connectivity' folder in the tree.



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.

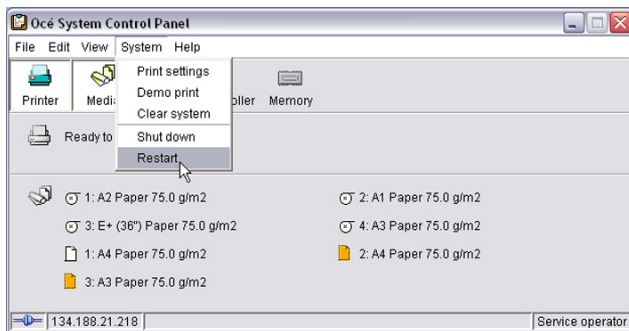


Click 'OK' and continue to modify the settings, or reboot the controller once all setup is done.

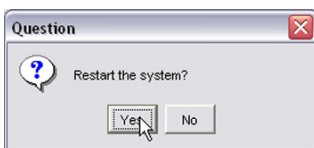
Reboot the controller

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 5

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"](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/"](http://www.canon.com/support/)

Reader's comment sheet

Questions

Have you found this manual to be accurate?

Yes

No

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

Yes

No

Does this manual provide sufficient background information?

Yes

No

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

Yes

No

Could you find the information you were looking for?

Always

Most of the times

Sometimes

Not at all

What did you use to find the required information?

Table of contents

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Are you satisfied with this manual?

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