EPSON PRINTER CERTIFICATION FOR CITRIX METAFRAME

The aim of this document presents the tests performed at EEE to certificate the good functioning of the Epson printers on Citrix environment. For that, the tests are performed on 7 different environments including 15 printers and 6 types of drivers.

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THE TESTS PERFORMED

Citrix Compatibility Table

	ESC/Page or ESC/Page Color		Universal monochrome driver		Universal Color driver		PCL5c and PCL6		Epson PostScript 3		Adobe Generic PostScript Driver		Citrix Universal print Driver	
	Network	USB	Network	USB	Network	USB	Network	USB	Network	USB	Network	USB	2000	XP
AcuLaser CX11N														
AcuLaser C1100														
AcuLaser 2600/C2600							PCL5c	PCL5c						
AcuLaser C3000														
AcuLaser C3800							PCL5c	PCL5c						
AcuLaser C4000														
AcuLaser C4100														
AcuLaser C4200							PCL5c	PCL5c						
AcuLaser C8600														
AcuLaser C9100							PCL5c	PCL5c						
AcuLaser Color Station 8600/8600+														
EPL 6200							PCL6	PCL6						
EPL 6200L														
EPL N2550							PCL6	PCL6						
EPL N3000							PCL6	PCL6						
EPL N7000							PCL6	PCL6						

test carried out and successful

under test

functionality not available yet, or non-existent

DRIVER VERSIONS

	ESC/Page	*PCL5c*	*PCL6*	*PostScript 3*
AcuLaser C1100	**1.0 A / 3.00**			
AcuLaser C2600	**1.0 A / 3.00**			**1.0 A / 5.02 PostScript**

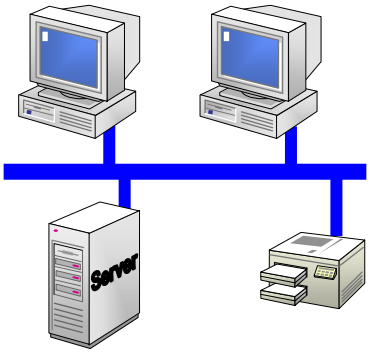
CONFIGURATIONS

For all the tests, there is **one server** (Windows 2000 or 2003) and **two workstations** (one Windows 2000 and one Windows XP).

All the computers used for the tests are Dell Optiplex GX280 (Pentium 4 3,2GHz, 512 Mo) linked on an independent network.

No modifications on the driver settings after installation, except the paper size always set on A4.

NETWORK TESTS



Connect the printer to the network and install the driver on the server.
See the procedure “Network Printer Installation”, or the chapter “Particular drivers”.

For all kind of driver, we have to create an IP port on the host machine. For that, see the eight first steps of the Network procedure.

<u>Once the driver installed, we can begin the tests on the two workstations:</u>

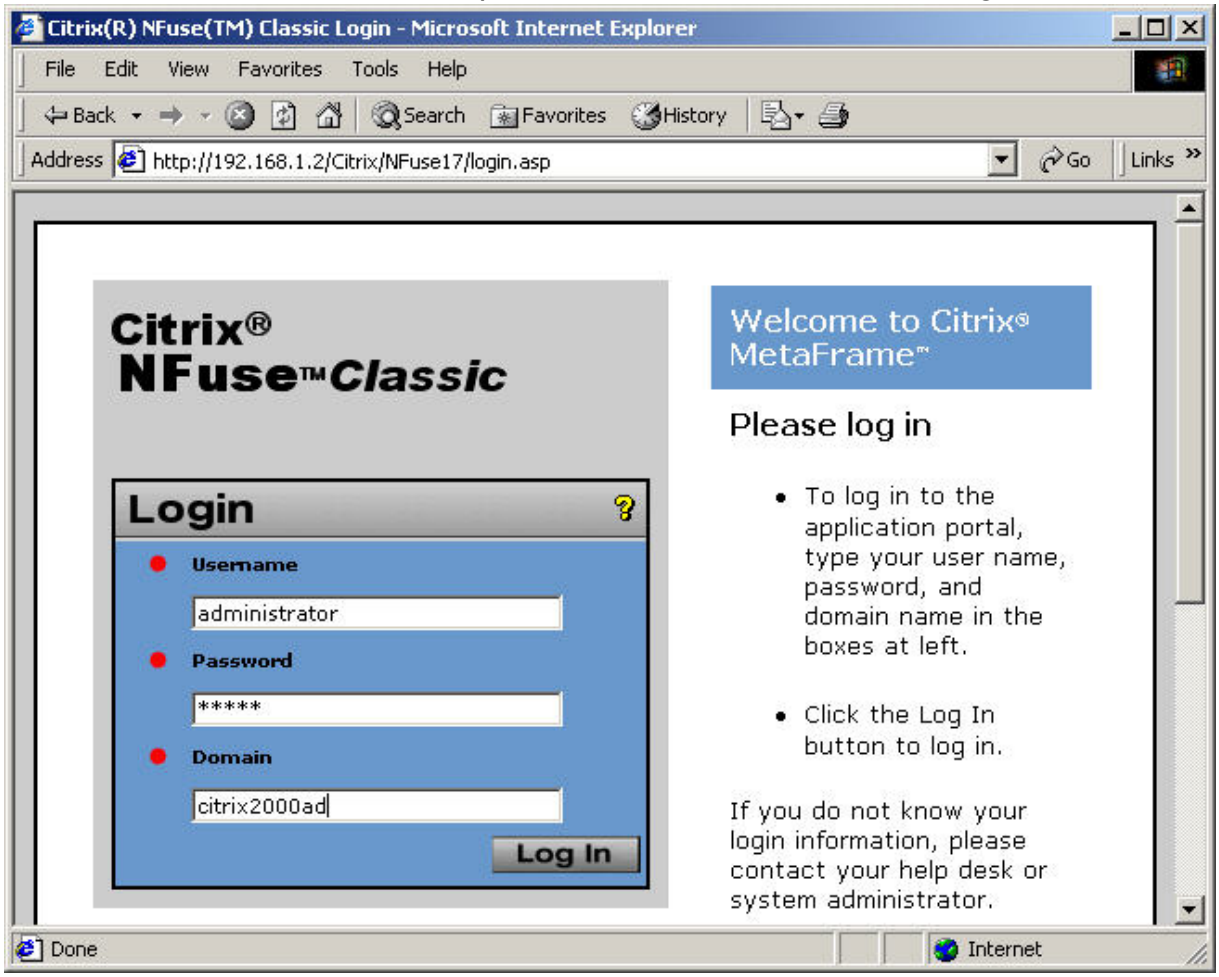
Tests are performed by accessing to the applications with:

- the Citrix Client: Citrix Metaframe Program Neighborhood

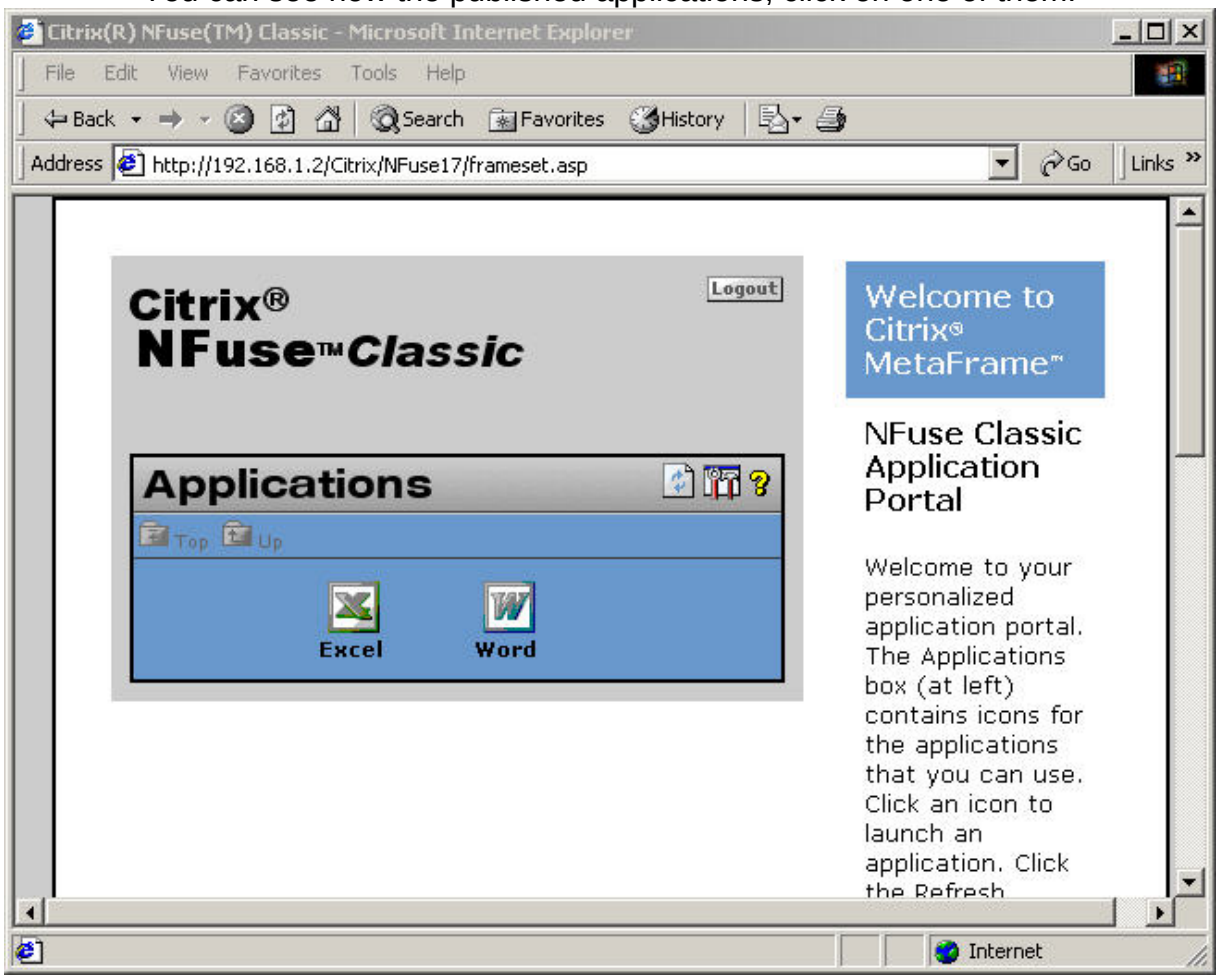
- the Internet Explorer interface (with the IP address of the server http://192.168.0.1 for example)

<u>Following, the example with Internet Explorer:</u>

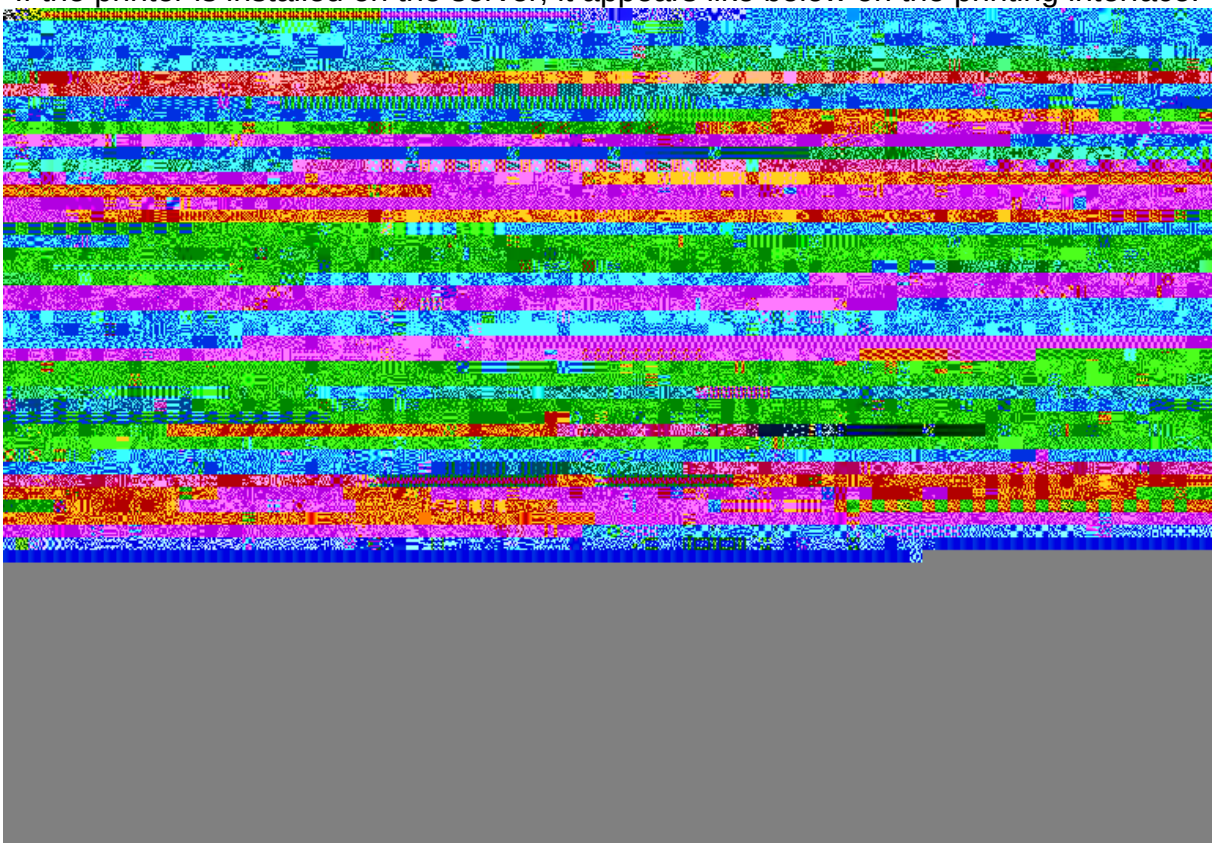
Enter the username, password and domain name and log in.



You can see now the published applications, click on one of them.



If the printer is installed on the server, it appears like below on the printing interface.

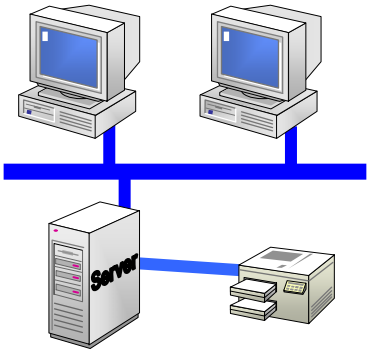


Conditions of success of the tests:

- No problem to launch the applications by Explorer or by the client.
- The good printer is selected and is displayed like a local printer on the print window of Office
- The printing is successful.

USB TESTS

Printer linked to the server



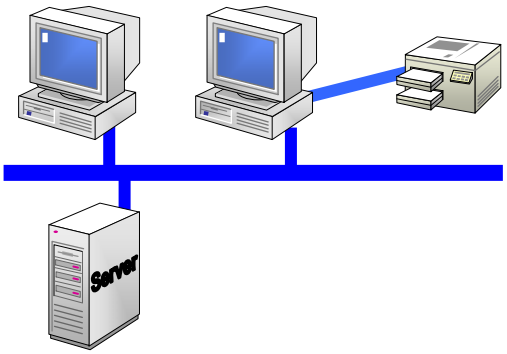
Connect the printer to the network and install the driver on the server.
See the procedure “USB Local Printer” or “Printer Installation by Setup”.

This test is exactly the same than the network one.

Conditions of success of the tests:

- No problem to launch the applications by Explorer or by the client.
- The printer is selected by default when a print is launched.
- The printing is successful.

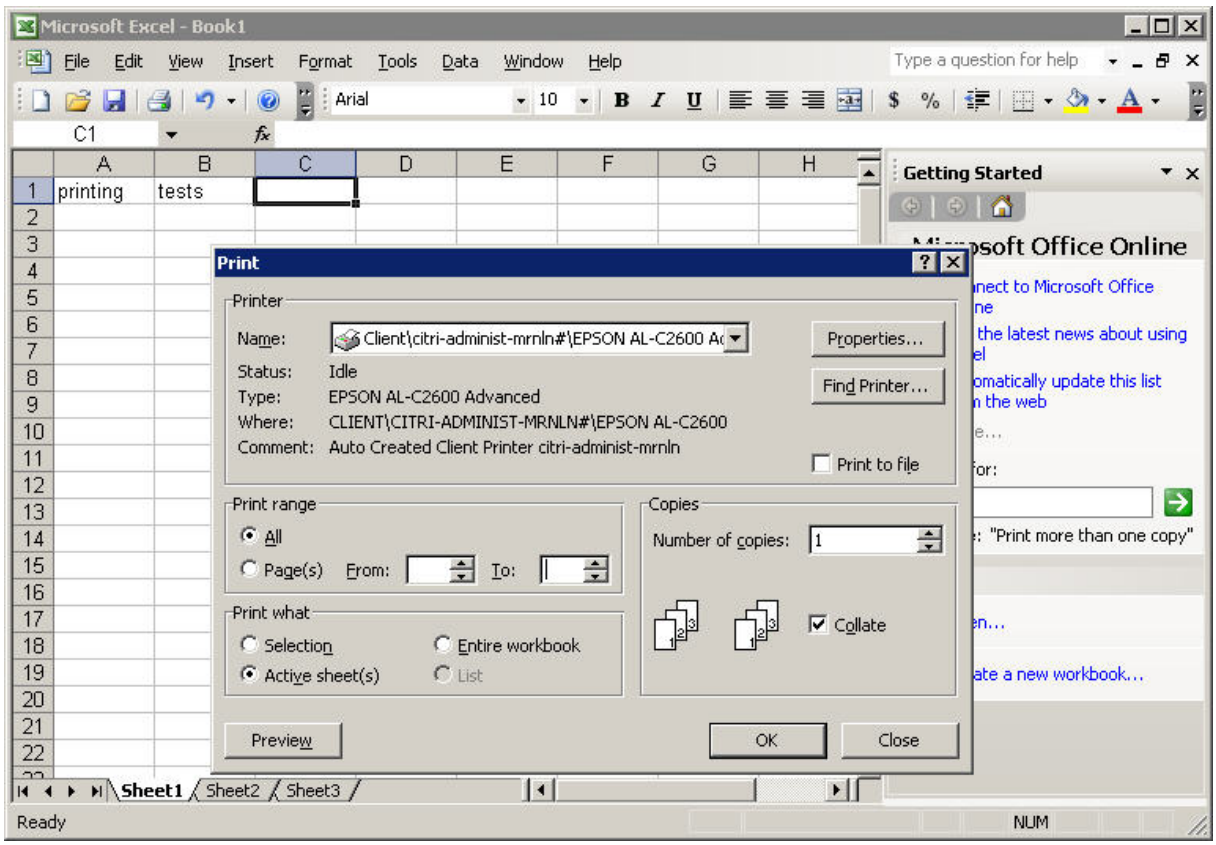
Printer linked to the workstation



Connect the printer to a workstation and install it. And share the printer on the network, because in this case the printer driver has to be installed on the server too. Moreover, a client printer has to be created on the management console. For that, refer to the procedure “Create a client printer in the management console”.

See the procedure “USB Local Printer” or “Printer Installation by Setup”.

The testing process is the same as the other tests.



Printer installed on a workstation, you may see the client printer selected by default.

Conditions of success of the tests:

- A client printer is automatically created on the server.
- No problem to launch the applications by Explorer or by the client.
- The client printer is selected by default when a print is launched.
- The printing is successful.

PARTICULAR DRIVERS

Adobe Generic Postscript driver:

This driver has a specific installation program.
In this test we keep the .pdd file of Acrobat.

Epson Postscript with only the .ppd file available:

In this case we use the installation program of the Acrobat Generic Postscript Driver and change the .pdd file by the Epson file. The process is described in the

Citrix Universal Print Driver PCL5

This driver is the UPD III included in Presentation Server 4.0. It is only useful to print on a printer installed on a workstation with, at least, Windows 2000. The advantage of this universal driver is we don't have to install on the Citrix server the driver of a printer connected on a client computer on USB for example. To use this driver, some rules must be configured on the server to force it to use the UPD for each auto-created printer:

In "Printing/Client printers/Auto-creation": Auto-create all client printers.
In "Drivers/Universal driver": Use universal driver only.
And in "Drivers/Native printer driver auto-install": disabled

So, we performed the USB test with the printer linked to the workstation. We used two kind of server:

- Windows 2000 Server with Presentation Server 4.0
- Windows 2003 Server with Presentation Server 4.0

With, each time, two workstations: 2000 and XP.

The tests performed with this driver showed the compatibility of the Epson printers with this technology. We had no problem with any printer, each time an auto-created printer appears on the server and the printing was fine.