

# Notes for Administrators

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## *Installing Microsoft® Internet Explorer 4.0*

If you don't have Microsoft Internet Explorer version 4.0, or later, or Netscape® Navigator version 3.02, or later, already installed, a compatible version of Internet Explorer is included on the CD packed with the printer. To install it, double-click the "exe" file designated below. To open the file, either use Explorer or right click on the CD icon and select "open." Double-clicking the icon causes the EPSON software installation program to open automatically.

### ***Note for Windows NT 4.0 users:***

*If you have not yet upgraded with Windows NT Service Pack 3, install the Windows NT Service Pack included on the CD packed with the printer before installing Microsoft Internet Explorer. Follow the instructions in Msie\W95\_nt40\Nt4sp3\Readme.txt on the CD. Also read License.txt in the same directory.*

### **Windows 95 and NT 4.0 users**

Msie\W95\_nt40\le40\le4setup.exe

### **NT 3.51 users**

Msie\Winnt351\Setup.exe

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## *Configuring the Network Device for NetWare 5*

Novell® NetWare 5™ supports following print services;

- Legacy queue-based print services (current print services)
- Novell Distributed Print Services™ (NDPS™, NetWare 5 new generation print services)

You can choose either queue-based print services or Novell Distributed Print Services to configure printers with NetWare 5.

***Note for Windows NT 4.0 users:***

*You can not use the Status Monitor 2 utility with NetWare 5.0.*

### ***Using the network device with Legacy Queue-Based Print Services***

You can use the same methods and tools that you use with NetWare 4.1x to configure printers. See the section “Configuring the Network Device for NetWare 4.1x” in the Administrator’s Guide for information on making a printer environment with queue-based print services.

In addition to the instructions in “Configuring the Network Device for NetWare 4.1x”, make sure of the following points;

- When you install NetWare 5, install “IPX” (“IP” is installed by default).
- When you use the network device with Bindery (either in Print Server mode or Remote Printer mode), you need PCONSOLE.EXE to create bindery objects such as the Print Server and Print Queue objects. Since PCONSOLE.EXE does not come with NetWare 5, you need to get PCONSOLE.EXE from Novell.

## *Using the network device with Novell Distributed Print Services (NDPS)*

### **Note:**

*For detailed information about NDPS, see NetWare 5's online documentation.*

### *Instructions for using NDPS on the client machine*

- Make sure to install the necessary printer driver(s) on each client before you make the settings below. Do not install the printer drivers via the NetWare server.
- Do not add printers and do not install printer drivers using Novell Print Manager (NWPMW32.EXE).
- Make sure to install the appropriate Client Software that shipped with NetWare 5, or download it from a Novell's Web site. Make sure to install NDPS.
- Banner pages cannot be printed with NDPS.
- Where to print from clients (see the NetWare 5 online documentation for details);

#### **For Public Access Printers:**

Print to the Printer Agent you create in "NDPS Public Access Printers" under Network Group.

#### **For Controlled Access Printers:**

Print to the Printer Agent you create in the NDS tree.

### *Outline of settings*

The following are basic steps to follow in order to use the network device with the NDPS printing system. Detailed procedures are described in the next section.

1. Select the Printer Type, either Public Access Printers or Controlled Access Printers.

2. Select the Connection Type from the following.
  - Remote (rprinter on IPX)
  - Remote (LPR on IP)
  - Forward jobs to Queue (via the current legacy queue-based print services)
3. Set up the printer environment on the Server and Clients. The settings you make here depend on the Connection Type you chose in step 2.
4. Configure the network device using EPSON Net!2 for Intranet.
5. Create an NDPS Manager object.
6. Create a Printer Object called Printer Agent in NetWare 5.

The environment, the settings you make, and tools you use will differ depending on the printer type and connection type you choose. You can create an NDPS Manager and Printer Agent in NetWare Administrator or partially via the server console. See NetWare 5's online documentation for more details.

### ***Setting procedures***

Follow the steps below to use the network device with a new NDPS printing system.

1. You must install (bind) the following protocols on the server depending on the connection type you use.
  - For a Remote (rprinter on IPX) connection, install IPX.
  - For a Remote (LPR on IP) connection, install IP.
  - For a Forward jobs to Queue connection, install IPX.

2. Instruct the users to install the appropriate Client Software on their machines. Make sure to install NDPS (NDPS is installed by default).
3. Configure the network device depending on the connection type you use.

Remote (rprinter on IPX)

**Mode:** Remote Printer (either in NDS or Bindery)

**Primary Print Server Name:** Type the print server name. It must be a unique name in the NetWare environment

**Printer Port Number:** Type the printer port number of the network device.

Remote (LPR on IP)

**IP Address:** Type the IP address of the network device.

Forward jobs to Queue

Configure the network device to work with legacy queue-based print services. Either Print Server mode or Remote Printer will work with this connection type. See “Using the network device with Queue-Based Print Services” for more information.

4. Type LOAD NDPSM in the server console.
5. Run NetWare Administrator (NWADMN32.EXE) on the client machine. The main browser window appears.
6. Click the Directory context icon, then select Create from the Object menu.

7. Select NDPS Manager from the list.
8. Type the NDPS Manager name in the NDPS Manager Name field.
9. Browse the Resident Server and select where you want the NDPS Manager assigned.
10. Browse the Database Volume and select where you want the NDPS Manager database assigned.
11. Click Create. The NDPS Manager appears in the main browser window.
12. Create a Printer Agent.  
The way to create a Printer Agent differs depending on the printer type you choose.

**For Public Access Printers:**

In NetWare Administrator, double-click the NDPS Manager you have just created, and click Printer Agent List button, then click New. Type the Printer Agent name.

**For Controlled Access Printers:**

In NetWare Administrator, select the Directory context icon. Select Create from the Object menu, then select NDPS Printer. Type the Printer Agent name, select "Create a new Printer Agent", then click Create. Confirm the Printer Agent name and browse to select the NDPS Manager you have just created in steps above.

13. Configure the printer as follows.

- Common settings for all connection types

**Gateway Type:** Select Novell Printer Gateway.

**Printer Type:** Select None.

**Port Handler Type:** Select Novell Port Handler.

**Printer Driver:** Select None.

- For Remote (rprinter on IPX) connection  
Print a status sheet of the network device and configure the corresponding items.

**Port Type:** Select LPT1.

**SAP Name:** Type the Primary Print Server Name.

**Printer Number:** Type the Printer Port Number.

**Network:** Type the Network Address.

**Node:** Type the MAC Address.

**Interrupt:** Select None.

- For Remote (LPR on IP) connection

**Host Address:** Type the IP address of the network device. You can confirm the IP address on a status sheet.

- ❑ For Forward jobs to Queue connection

**Queue Name:** Type the queue name of the network device on the legacy queue-based print services (either in Print Server mode or Remote Printer mode.)

**Queue User Name:** Type a user name with the rights described above.

**Password:** Type the password that the Queue User uses to login to the server.

14. Confirm the Printer Agent that you have just created. In NetWare Administrator, double-click the NDPS Manager object and click the Printer Agent List button. Check that the status of the Printer Agent you have just created is "Idle".