

ISS 45



Windows NT Install Guide
Version 7.7

ISS45 7.7 NT Install Guide

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ICL Retail Systems has prepared this manual for use by users, authorized third parties and personnel of ICL Retail Systems as a guide to the proper installation, operation, customization and/or maintenance of ICL Retail Systems equipment and software. The drawings and specifications contained herein are the property of ICL Retail Systems.

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Installation and Setup

We recommend you read this guide and familiarize yourself with the installation requirements and procedures before beginning.

Before you Start

Make sure you log on to NT with an account that has administrator privileges. Obtain the administrator's password, as you will be required to use it during the installation.

System Requirements

Check that your system meets or exceeds the listed requirements.

Hardware

- Processor: 586-133MHz minimum Processor, Pentium 200MHz recommended
- Disk space: 4 Gigabytes (GB) minimum
- RAM: 64 megabytes (MB) minimum
RAM: 128 megabytes (MB) recommended
- CD-ROM reader OR Lan connection to a CD-ROM
- Uninterruptible Power Supply (UPS)

Operating System

- Microsoft Windows NT 4.0 (Server or Workstation) plus Service Pack 4 or 5

TCP/IP

- Ensure that TCP/IP is installed and set up correctly.
- Make sure you know the IP address.
You can check the address setup in the Control Panel (Network options, TCP/IP properties).

Remote Operator/PCR

ISS45 NT does not support modem communications via PCR between a remote office and a store's NT MFS.

We suggest you use a commercially available package like PC Anywhere 32, SMS or a similar product. Once you take over the NT MFS via the chosen tool, you can open the ISS45 application window and take control of POS tills, PIPs or LFS (all in DOS), using PCR-CL (cashier monitoring).

You can not take over another NT MFS.

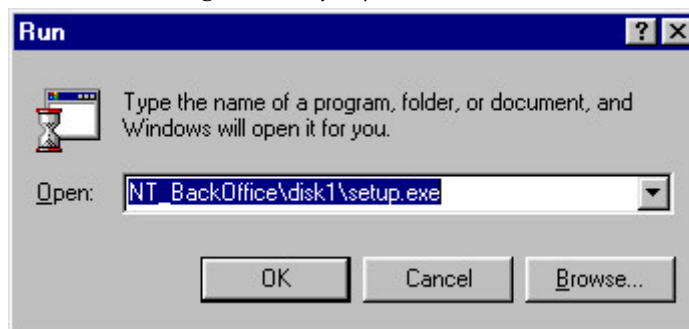
File transfer (without take-over) can be achieved by using the Windows NT built-in Remote Access Service (RAS).

Installing ISS45 NT

Installation may be done either by CD-ROM or Diskettes. Use the procedures described below to install ISS45 NT.

➤ **To Install ISS45 NT (CD ROM)**

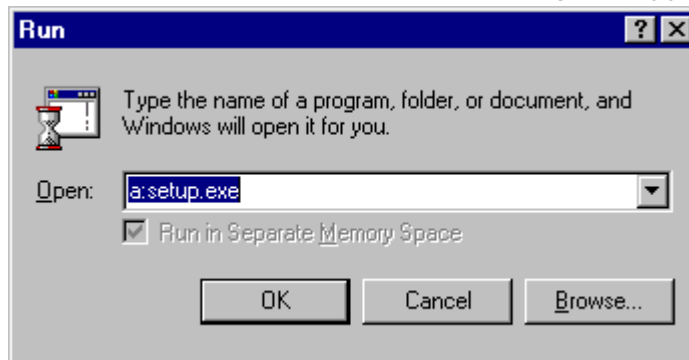
- 1 Insert the CD-ROM into the reader. Click Start and select Run. The Run dialog box displays.



- 2 Type d:disk1\setup.exe and click OK.
Note that the drive letter for your CD-ROM may be different to that used here.
- 3 Follow the on-screen instructions.
Once the installation is complete, the Setup procedure automatically begins.

➤ **To Install ISS45 NT (Diskettes)**

- 1 Insert the first diskette into the drive.
- 2 Click *Start* and select Run. The Run dialog box appears.



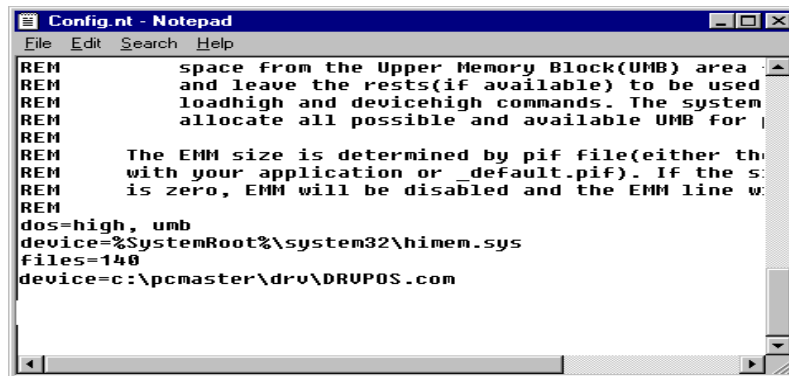
- 3 Type **a:setup** and click *OK*.
- 4 Follow the on-screen instructions.
Once the installation is complete, the Setup procedure automatically begins.

Setup Procedure

The Setup procedure opens the Config.nt file in Notepad.

- 1 Edit Config.nt as necessary.
CONFIG.NT must contain the following lines:

```
files=140
device=c:\pcmaster\drv\DRVPOS.com
```

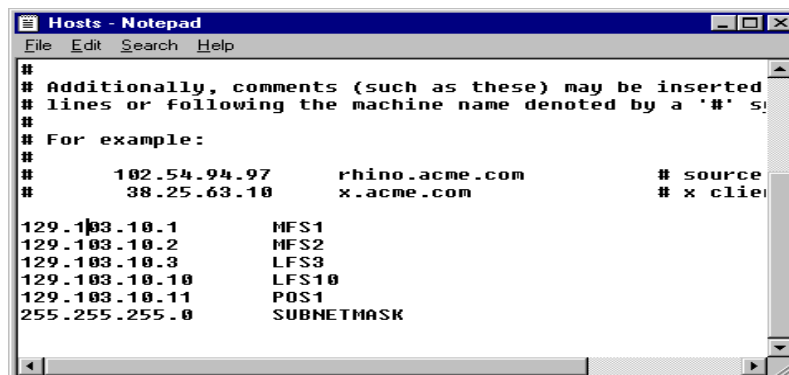


The screenshot shows a Notepad window titled "Config.nt - Notepad". The text inside the window is as follows:

```
REM      space from the Upper Memory Block(UMB) area
REM      and leave the rests(if available) to be used
REM      loadhigh and devicehigh commands. The system
REM      allocate all possible and available UMB for
REM
REM      The EMM size is determined by pif file(either th
REM      with your application or _default.pif). If the s
REM      is zero, EMM will be disabled and the EMM line w
REM
dos=high, umb
device=%SystemRoot%\system32\himem.sys
files=140
device=c:\pcmaster\drv\DRVPOS.com
```

Notes: Usually, the default for "files" is 20. You must change this value to equal 140. If the "device" line does not exist, type it in as it appears above.

- 2 Save the file and close Notepad.
Setup now opens the HOSTS file in Notepad.



The screenshot shows a Notepad window titled "Hosts - Notepad". The text inside the window is as follows:

```
#
# Additionally, comments (such as these) may be inserted
# lines or following the machine name denoted by a '#' s
#
# For example:
#
#      102.54.94.97      rhino.acme.com      # source
#      38.25.63.10      x.acme.com          # x clie
129.103.10.1      MFS1
129.103.10.2      MFS2
129.103.10.3      LFS3
129.103.10.10     LFS10
129.103.10.11     POS1
255.255.255.0     SUBNETMASK
```

- 3 Make sure that the `HOSTS` file includes the following lines:

```
129.103.10.1 MFS1
129.103.10.2 MFS2
129.103.10.3 LFS3
129.103.10.10 LFS10
129.103.10.11 POS1
255.255.255.0 SUBNETMASK
```

The string **129.103.10** must be replaced by the relevant address of the current machine.

Example:

The last number in the TCP/IP address represents the MFS number:

```
129.103.2.1 = address for MFS1
129.103.2.2 = address for MFS2
```

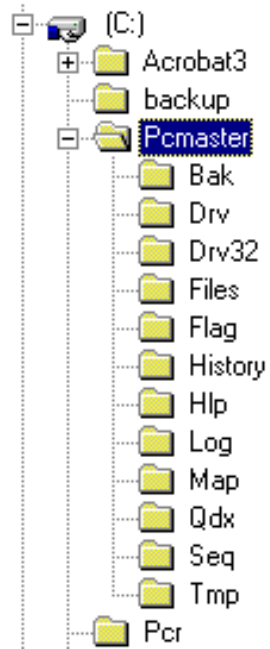
- 4 Save the file and close Notepad.
- 5 Confirm the System Date and Time.
- 6 Set the Back Office type (MFS1 or MFS2).
The Setup program closes.
- 7 Now complete the Final Installation procedures, described below.

Note

The Novell TCP/IP stack maintains a cache of IP addresses mapped to specific LAN cards. When a card is replaced, or a new PC replaces another PC, or the MFS machine is switched with the BFS, then ALL computers on the LAN, including POS terminals, must be rebooted. Until all machines have been rebooted, they will try to communicate with addresses in their 'old' locations.

Directory Structure

The installation process creates the following directory structure under the root directory:





Service Monitoring

Various processes within ISS45 are transparent to you, and you may not realize that something is actually happening. To help you monitor these processes, we've included a utility called Service Monitoring. Service Monitoring lets you monitor what's going on in the system background. For example, you can view progress of drivers while the system is loading, as well as monitor the End of Day process.

You can use the Service Monitoring utility to check for warning and error messages.

The following tabs appear in the Service Monitoring window:

- GENERAL
- RSMSRV
- TRANS
- QDX32
- SRVBAT
- APP

Note

Service Monitoring is set up to start automatically. You may create a shortcut for this service on your desktop for easy access.

The Service Monitoring icon for the desktop may be copied from the following directory:

C:\winnt\profiles\all users\start menu\programs\startup

The PCM icon for the desktop may be copied from the following directory:

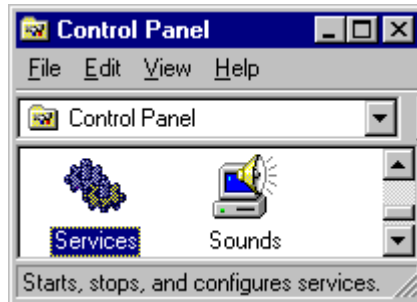
C:\winnt\profiles\all users\start menu\programs\pcmaster

POS Services Manager Setup

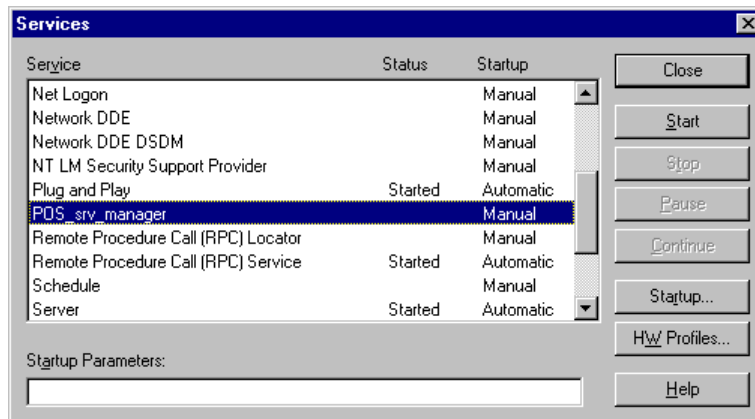
Having completed the installation, you must start up the POS_SRV_MANAGER service.

➤ **To set up the POS_SRV_MANAGER**

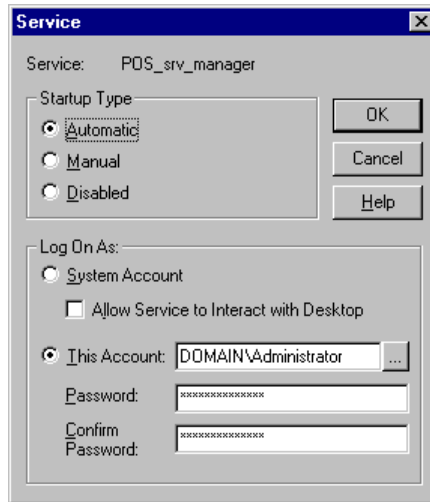
- 1 Select Start | Settings | Control Panel




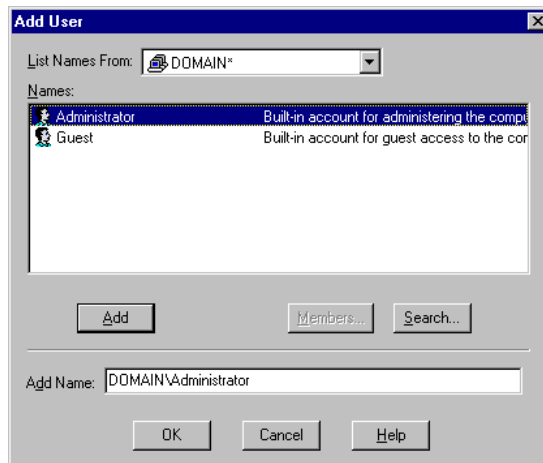
- 2 Double-click the Services icon.
The Services dialog box appears.



- 3 Select POS_SRV_MANAGER and click Startup.
The Service dialog box appears.



- 4 Set the Startup Type to Automatic.
- 5 At the This Account option, click the  button. The Add User dialog box appears.



- 6 Select Administrator, click Add, then click OK.
- 7 Enter and then confirm the administrators' password.
- 8 Click OK, then close the Services dialog box.
- 9 Reboot the system.

Note

When the system reboots and loads, the ISS45 internal tables are built. This process (only after a first-time installation), takes a few minutes.

QDX Database

After a new Back Office installation, you may want to import your existing store database (QDX files). This may be done by copying all the old QDX files, except for the following:

- PCMMENU.QDX
- EPMMENU.QDX
- ALERTYPE.QDX
- KEY_FUNC.QDX
- POSMENU.QDX
- TEMPLATE.QDX

Warning:

The above six files are included in the new install and must not be replaced.

Printer Setup

DOS or Windows applications print to a print spooler. The applications always get an OK result and do not wait, even if the printer is offline or encounters some error status.

Print jobs are buffered and accumulate at the NT printer module. To view print job status, or delete prints, click the printer icon.

➤ To set up the printer

- 1 Connect a printer locally to MFS1.
- 2 On the MFS1 use the Add Printer option to add the printer and install the appropriate driver.
- 3 Define the printer as a shared local printer, give it a name and a share name.
- 4 Define the required printer properties (paper size, paper source, and so on).
- 5 Install the printer driver on MFS2 or any other NT workstation. Repeat steps 3 and 4 above. Define the printer as a printer on a network server. Use the MFS1 machine name and the shared printer name given in step 3.

➤ **To enable printing from ISS45**

- Start a DOS box in MFS2 or any other NT workstation and type:

```
Net use lpt1: \\machine_name\share_name <Enter>
```

You can now use the printer from the local machine (MFS1), or MFS2.

Starting ISS45

Once your system has been restarted, the Service Monitoring utility will always run as a minimized window in your taskbar.

- 1 Click **Start**, point to **Programs**, select **Pcmaster** and click **PCM**. The logon screen appears after selecting PCM.
- 2 Enter your User Name and Password. The ISS45 main menu opens.
Alternatively, you may start ISS45 from the PCM shortcut on the desktop.

Uninstalling ISS45 NT

To completely remove ISS45 NT from your computer, follow the procedures below:

➤ To Uninstall ISS45 NT

- 1 Close all ISS45 windows.
- 2 Stop the POS_SRV_MANAGER service.

Click **Start**, point to **Settings**, select **Control Panel** and click **Services**. Select POS_SRV_MANAGER from the Service list and click **Stop**.

Close the Service Monitoring window.

- 3 Remove POS_SRV_MANAGER service.

Click **Start**, point to **Programs** and click **MS-DOS Prompt**.

In the directory C:\PCMASTER\DRV32 type the following:

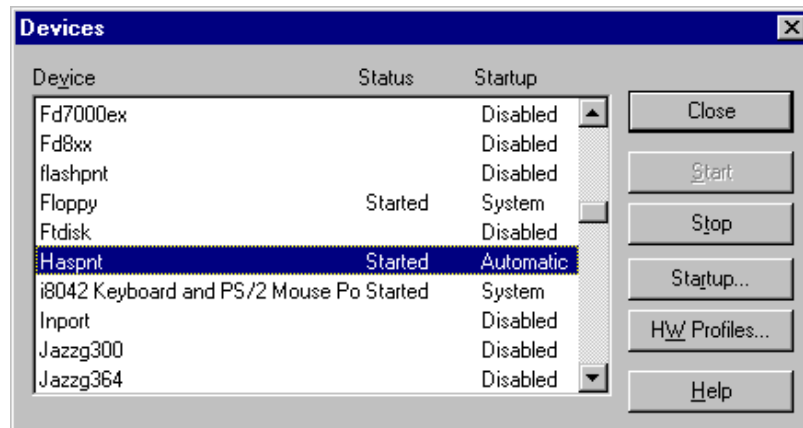
```
instsrv POS_SRV_MANAGER remove
```

Press Enter, the following message will appear on your screen:

```
DeleteService SUCCESS
```

- 4 Close Service HASPNT

Click **Start**, point to **Settings**, select **Control Panel** and click **Devices**. Select HASPNT from the device list and click **Stop**, then **Close**.



5 Remove HASPNT service.

Click **Start**, point to **Programs** and click **MS-DOS Prompt**.

In the directory C:\PCMASTER directory type the following:

```
instsrv haspnt remove
```

The following message will appear on your screen:

```
DeleteService SUCCESS
```

6 Editing CONFIG.NT

Click **Start**, point to **Programs** and click **MS-DOS Prompt**.

Change directory to: c:\winnt\system32\config.NT

```
type: edit config.nt
```

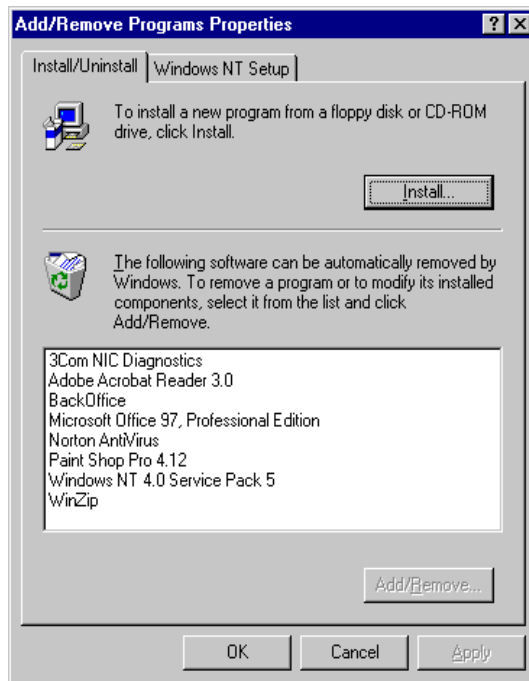
In the edit config.nt screen remark the following lines:

```
device=c:\pcmaster\drv\DRVPOS.com
```

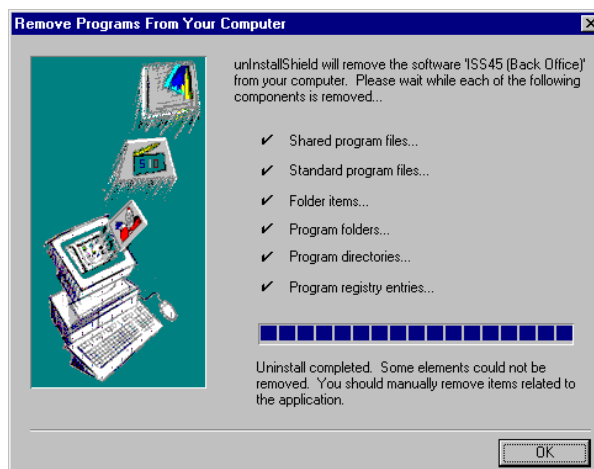
```
device=%SystemRoot%\System32\haspdos.sys
```

7 Remove V7 installation.

Click **Start**, point to **Settings**, select **Control Panel** and click **Add/Remove Programs**



- 8 Select ISS45 (Back Office) and click **Add/Remove**
- 9 Confirm all the prompts that you really do want to delete the application and all its components.



The final screen confirms that ISS45(Back Office) has been removed.

- 10 From Windows NT Explorer, delete the folder \PCMASTER.
- 11 Delete the shortcuts 'PCM' and 'Service Monitoring' from your desktop.
- 12 Delete the shortcuts 'PCM' and 'Service Monitoring' from your startup programs.
Click **Start**, point to **Settings**, select **Control Panel** and click **System Environment**.
Delete drv and drv32 statements from the path.
- 13 Restart your computer.

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