

A decorative graphic on the left side of the page, consisting of a dense cluster of small, blue, stylized icons representing various retail items and services, such as shopping bags, carts, and product containers, arranged in a roughly circular pattern that tapers to the right.

ISS45 Version 8 Installation Guide
NCR 7702 POS Terminal
(RealPOS XR7)

ISS45 V8 Installation Guide – NCR POS Terminals

Date of Issue	Product Identification Number	Part Number	Brief Description
April 2013	45001/032	89000760	RealPOS 60/80
December 2013	45001/032	89000795	RP60/80 Revision 2
February 2014	45001/032	89000800	RP60/80 Revision 3
February 2014	45001/032	89000802	RealPOS 40 Release
January 2015	45001/032	89000820	2 RealPOS XR7

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Configure BIOS and POSReady 7 on NCR XR7 (7702) POS for ISS45 V8

Check the BIOS settings to ensure that the Network : IBA GE Slot 00C8 v1550 is Disabled and under Boot Device Priority that the 1st device is set to the HDD. If the Network boot is enabled, the boot time of the POS will be considerably longer.

The NCR XR7 (7702) comes preloaded with POSReady 7 SP1. For the out-of-box setup, only attach the keyboard, mouse and monitor. After initial power on a Set Up Windows screen will appear. Verify or select the correct Country or region, Time and Currency and Keyboard layout. Click Next.

Note: Minimum BIOS version should be 9.0.8.1 which can be upgraded by obtaining a bootable USB Key. A bootable USB key is also available for the POSReady 7 SP1 32 bit OS Image D370-1003-0100 / 497-0503731 Rel. 01.00.00.01.

Enter a computer name, i.e., NCR_Lane1. Click Next.

Accept the license terms. Click Next.

Review your time and date settings screen. Select your time zone. Set the date and time.

Windows will now finalize your settings and reboot.
The POS will auto login as user NCR and password NCR.

Windows Settings:

Click Start, and type "**secpol.msc**" in the search area and hit Enter. In the left list, select "**Local Policies**", then open "**Security Options**".

In the right pane:

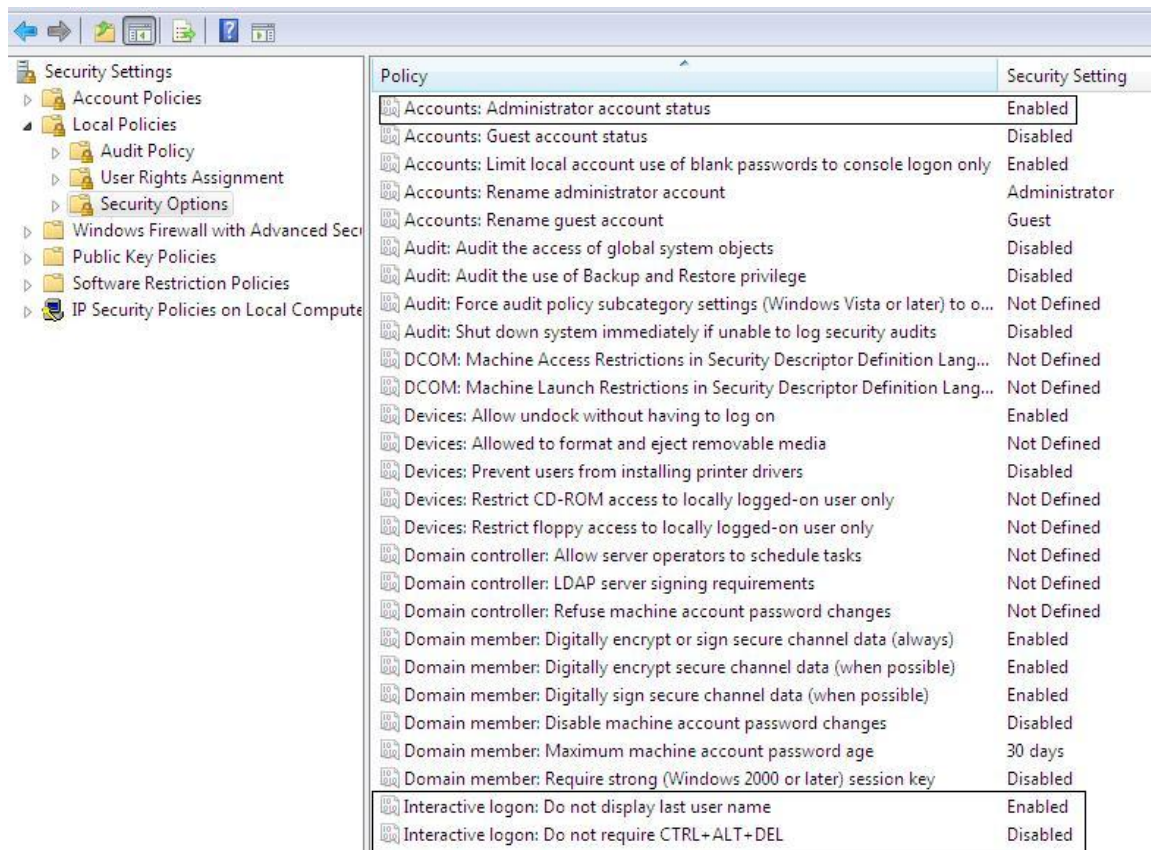
Set "**Accounts: Administrator account status**" to **Enabled**.

Set "**Interactive logon: Do not display last user name**" to **Enabled**.

Set "**Interactive logon: Do not require CTRL + ALT + DEL**" to **Disabled**.

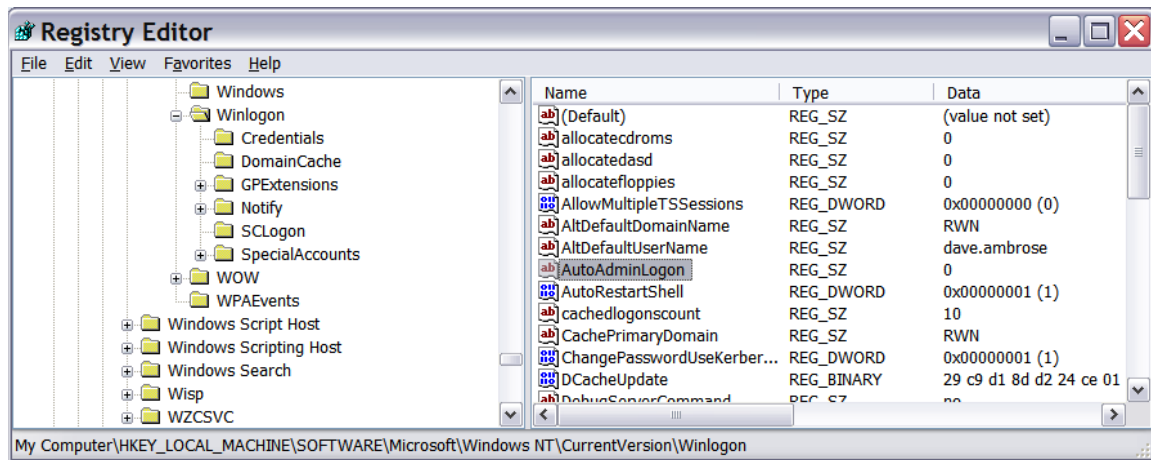
Set "**User Account Control: Admin Approval Mode for the Built-in Administrator account**" to **Disabled**.

Set "**User Account Control: Behavior of the elevation prompt for administrators in Admin Approval Mode to Elevate without Prompting**.



Next double click the User Rights Assignment under Security Settings and double click **“Log on as a service”**, click Add User or Group, type in **“Administrator”** and click the Check Names button. Click Ok, click Apply (click Ok if an error occurs), click Ok and close secpol.msc.

Disable auto login. Run Regedit and go to HKEY_LOCAL_MACHINE\Software\Microsoft\Windows NT\CurrentVersion\Winlogon and set the AutoAdminLogon value to 0.



Log off and log back in as the Administrator (No password required yet).

Setting the Administrator's password.

Click Start and open Control Panel. Change View by: to small icons

Select "User Accounts".

Click "Create a password for your account".

Make the password the same as the administrator password on the Server.

Enter hint if so desired. Click Create password. **Do not forget this password or you may have to reinstall Windows 7!**

You should be back at the "Make changes to your user account" screen.

Close the Control Panel.

Reboot and log back in as the Administrator with the new password.

Click Start and open Control Panel. Change View by: to small icons if not already set.

Under Windows Update.

Click Change Settings.

Click the drop down arrow and select Never check for updates.

Click OK.

Return to the main Control Panel.

Click Power Options.

Click the down arrow by the Show additional plans.

Click High Performance.

Optional – Default settings will cause the monitor to turn off after 15 minutes of inactivity. You can change this by going to Change Plan Setting and adjust display options.

Return to the main Control Panel.

Click Network and Sharing Center.

Click Change adaptor settings.

Right click the Local Area connection and click Properties.

Click the Configure button, verify/set that all options under Power Management are unchecked.

Click OK.

Right click the Local Area connection and click Properties.

Highlight Internet Protocol Version 4 and click Properties. Fill in the IP address information. Click OK. Click Close.

Return to the Network and Sharing Center.

Click Change advanced sharing settings. Ensure that the option Turn on network discovery and Turn on file and printer sharing are turned on. Scroll down and turn off Password protected sharing. Do this for both the Home or Work and Public sections.

Click Save changes.

Return to the Control Panel.

Click Date and Time.

Uncheck Notify me when the clock changes

Return to the Control Panel.

Click Action Center.

Change Action Center settings.

Uncheck any items, i.e. Windows Update, Firewall, etc. that you don't want Windows to pop notification messages. (Recommended to uncheck all)

Click OK.

Return to Control Panel.

Click Windows Firewall.

Click Turn Windows Firewall on or off.

Turn off both private and public firewall options.

Click Ok.

Return to Control Panel.

Click Display.

Select Adjust Resolution and set to 800 X 600 on all monitors.

Click Apply.

Click to keep changes.

Click through warnings.

Click OK

Close the Control Panel.

If the computer name or workgroup name needs changed, click System.

Click Advanced system settings.

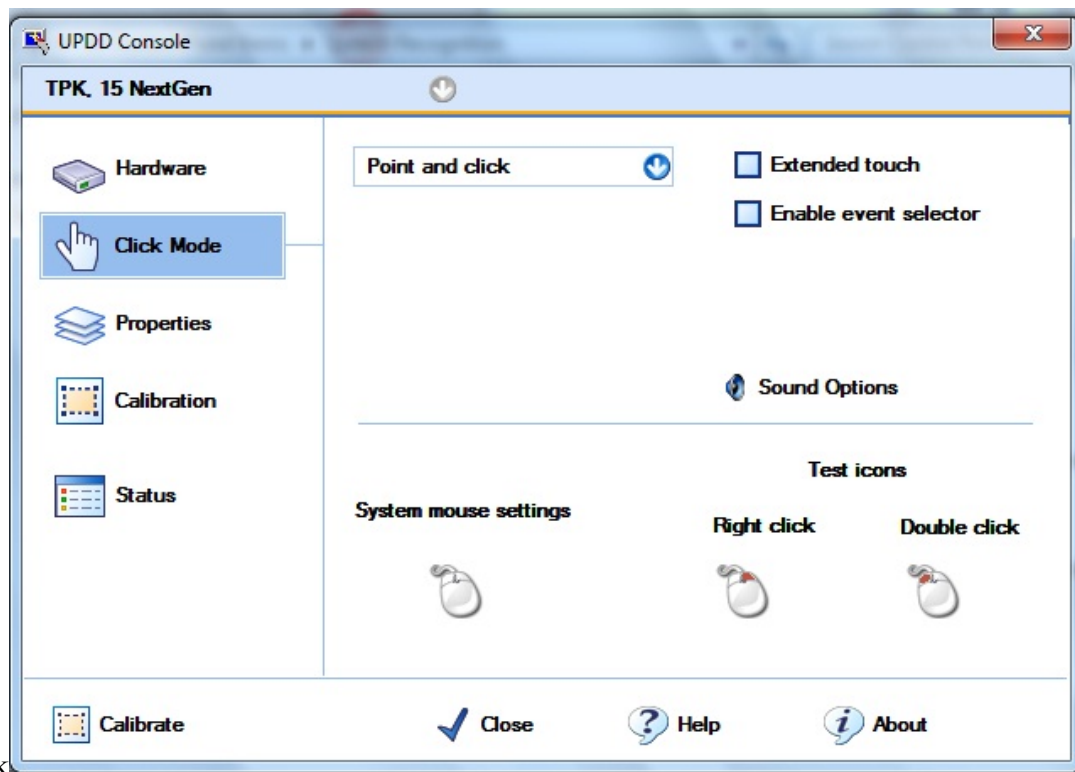
Under the Computer name tab, domain and workgroup settings, click Change setting. If prompted for a reboot, accept and let the system reboot to update its settings.

Note: For security reasons, you may want to delete the NCR users.

POSReady 7 should now be ready for software installation.

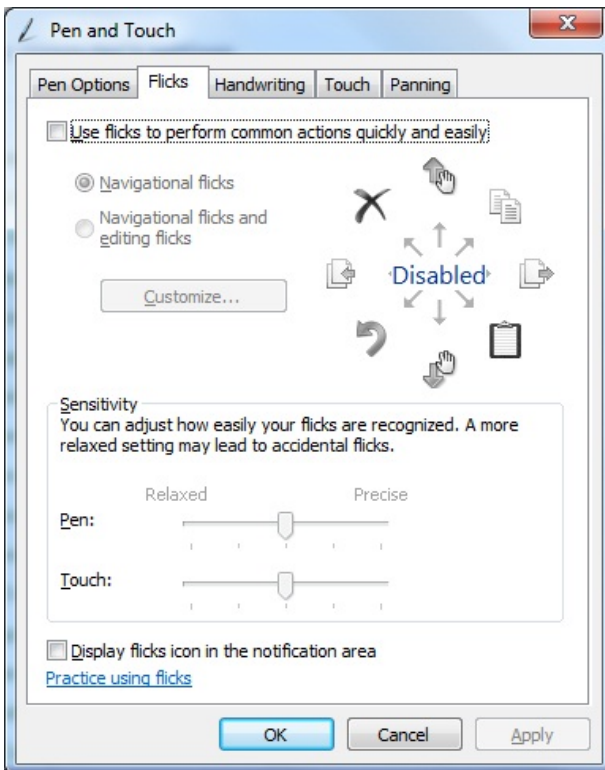
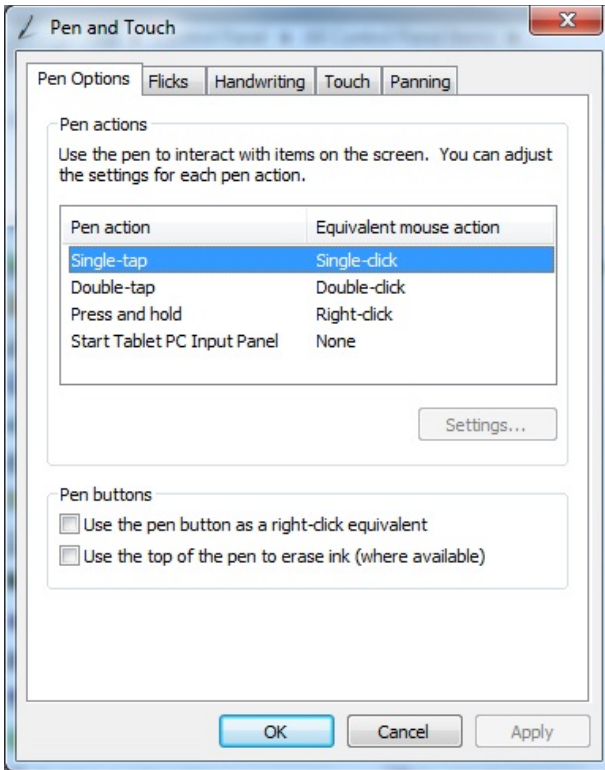
The XR7's all-in-one touch screen design already has the Touch Driver installed however you need to download and install Touch Base Drivers_05_01_1134 from the Retalix Channel Partners website. Copy the new driver to c:\Install\Drivers\Touch and double click to install/update touch driver. Calibrate both Screens (if using the 5968) by clicking on Calibrate as shown below and follow directions on the screen and also set as indicated on screens below.

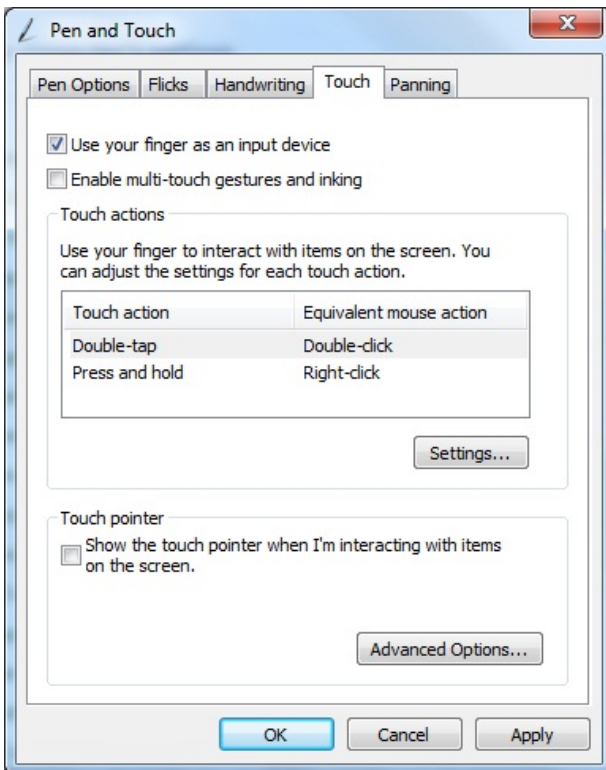
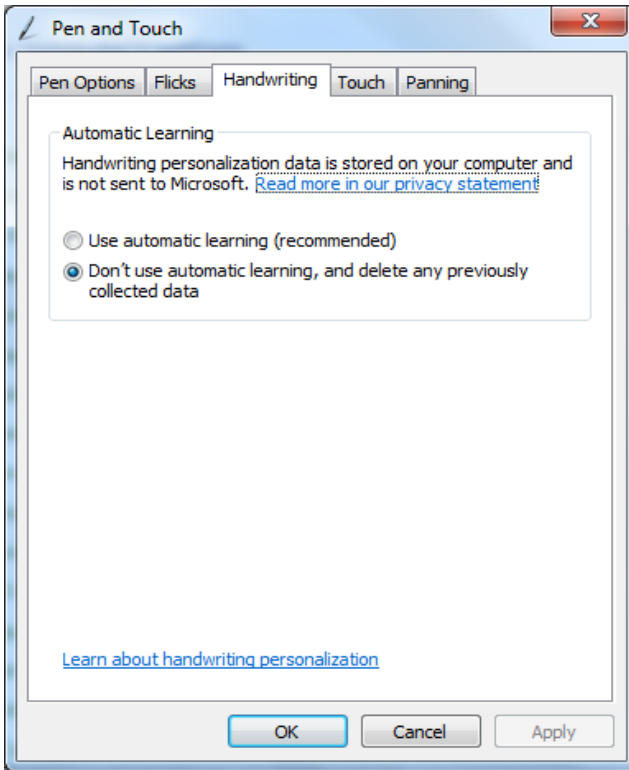
Under Control Panel-> Pointer Devices\

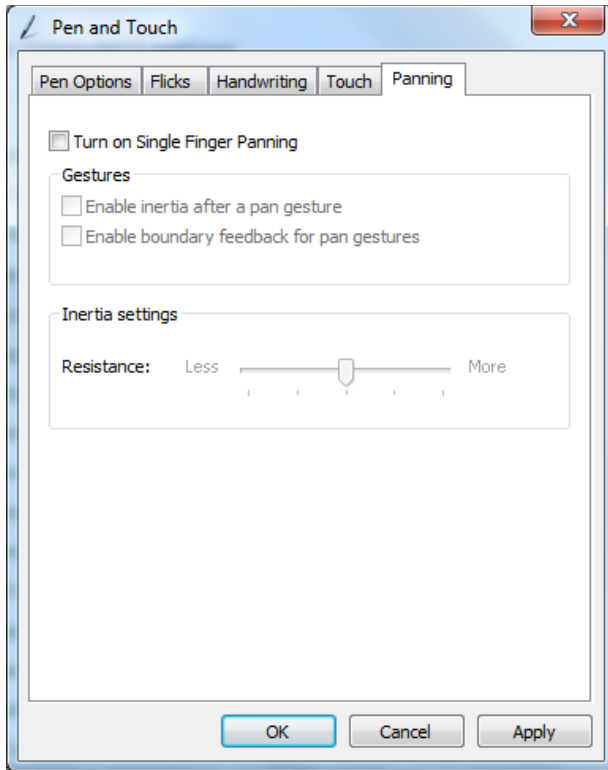


Under Control Panel-> Pen & Touch.

Turn off options as indicated below.





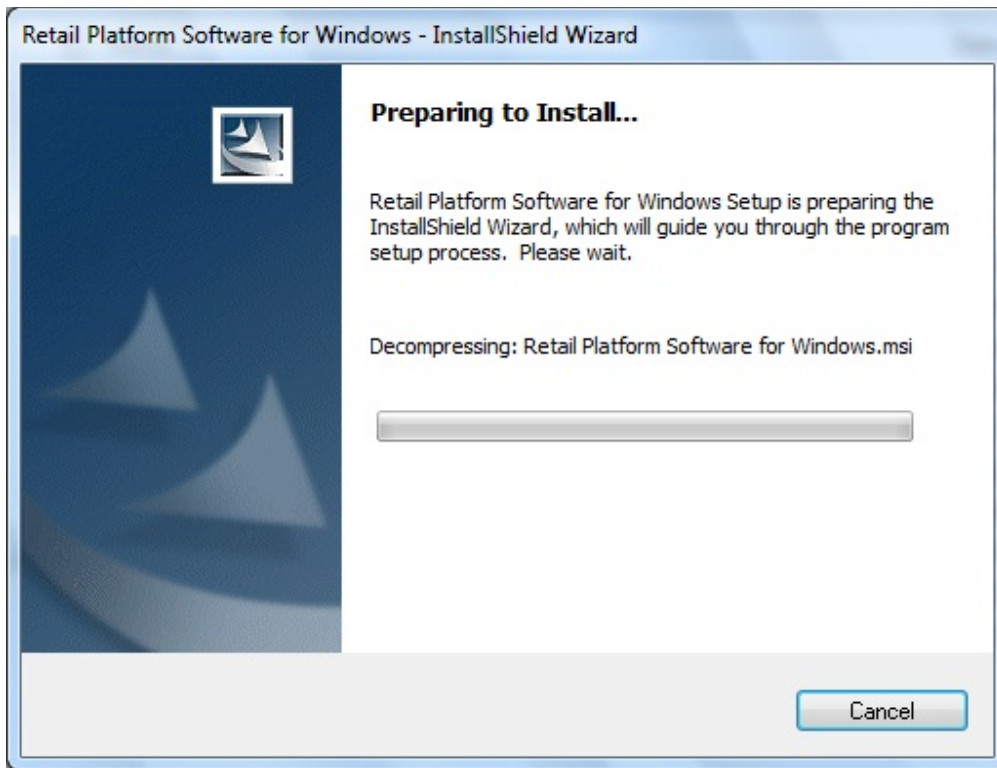


Install NCR Retail Platform Software for Windows (OPOS).

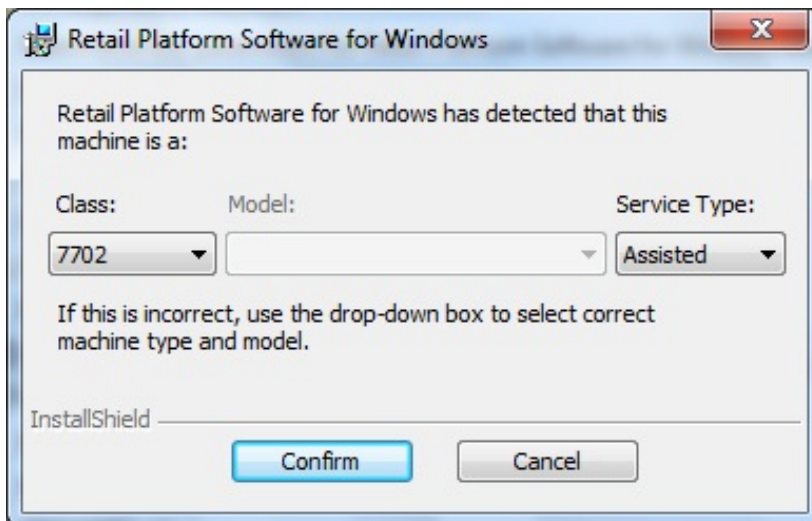
Obtain the Retail Platform Software for Windows version 4051.zip from the Retalix Channel Partners website. Create the folder RPSW under C:\Install\Drivers and copy the install files to that folder. Also download the V8NCROPOS.REG and place in the RPSW folder as well.

Right Click the Retail Platform Software for Windows.exe and Click Run as administrator.

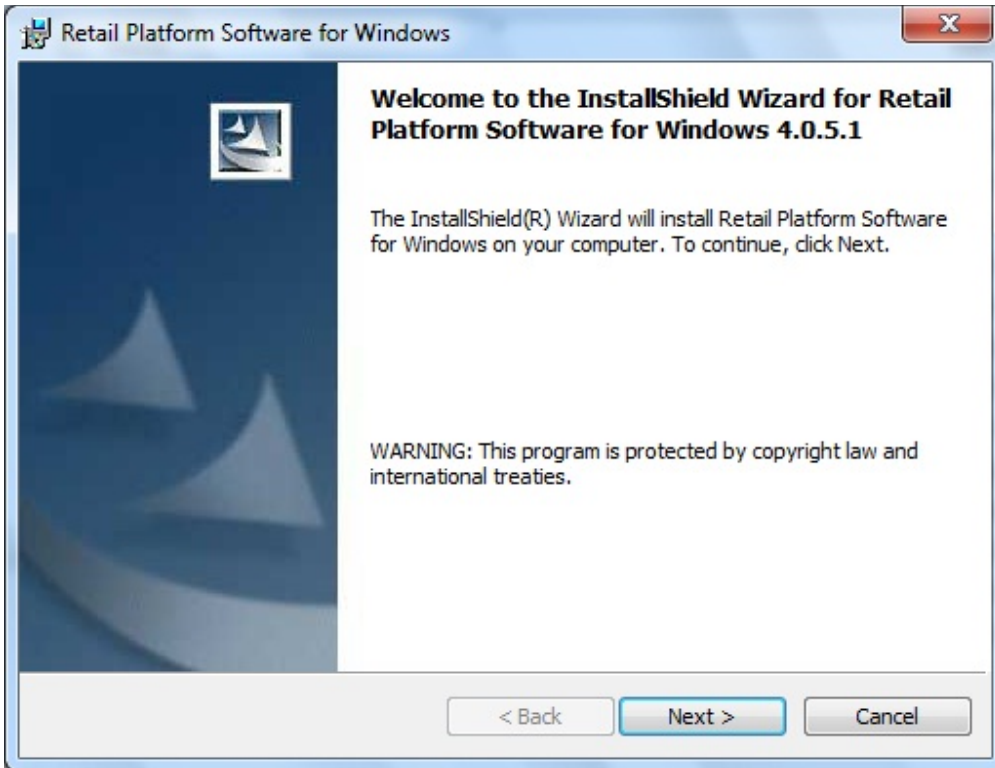
The installation starts.



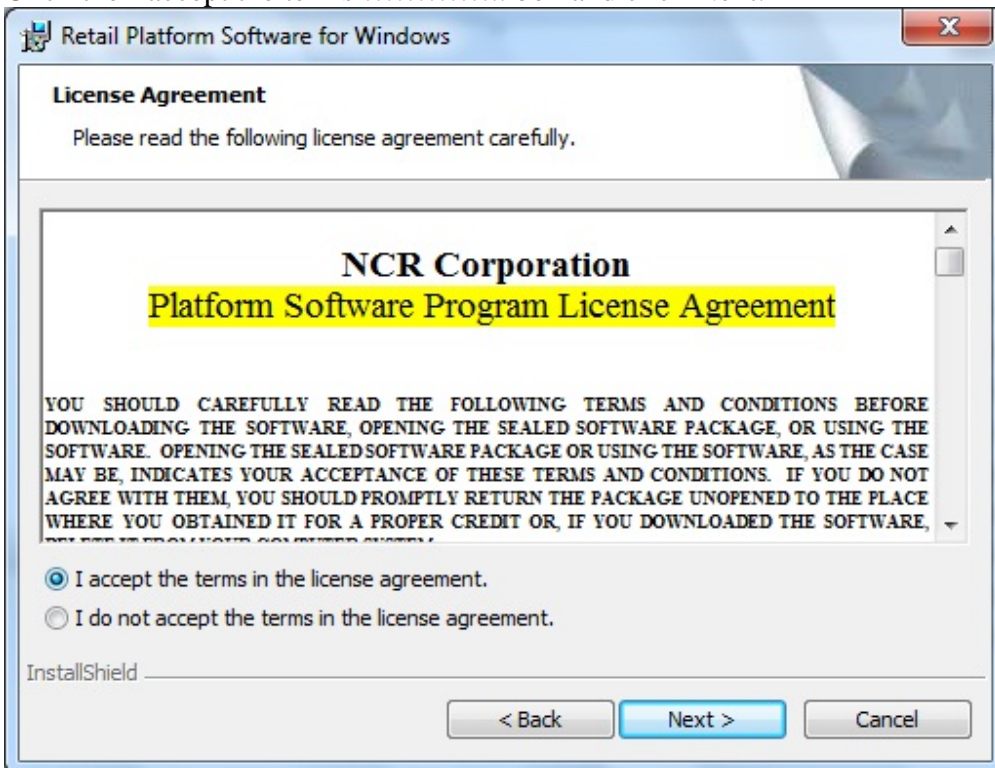
The machine type is detected. Click Confirm (don't change the other drop downs).



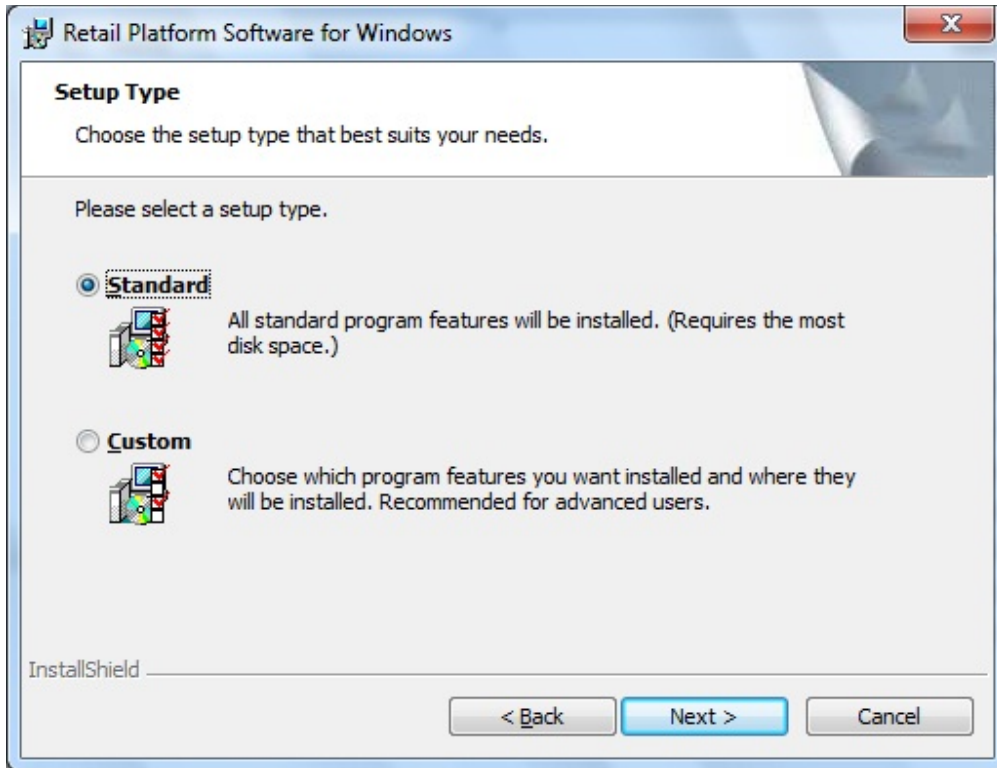
Click Next at the Welcome screen.



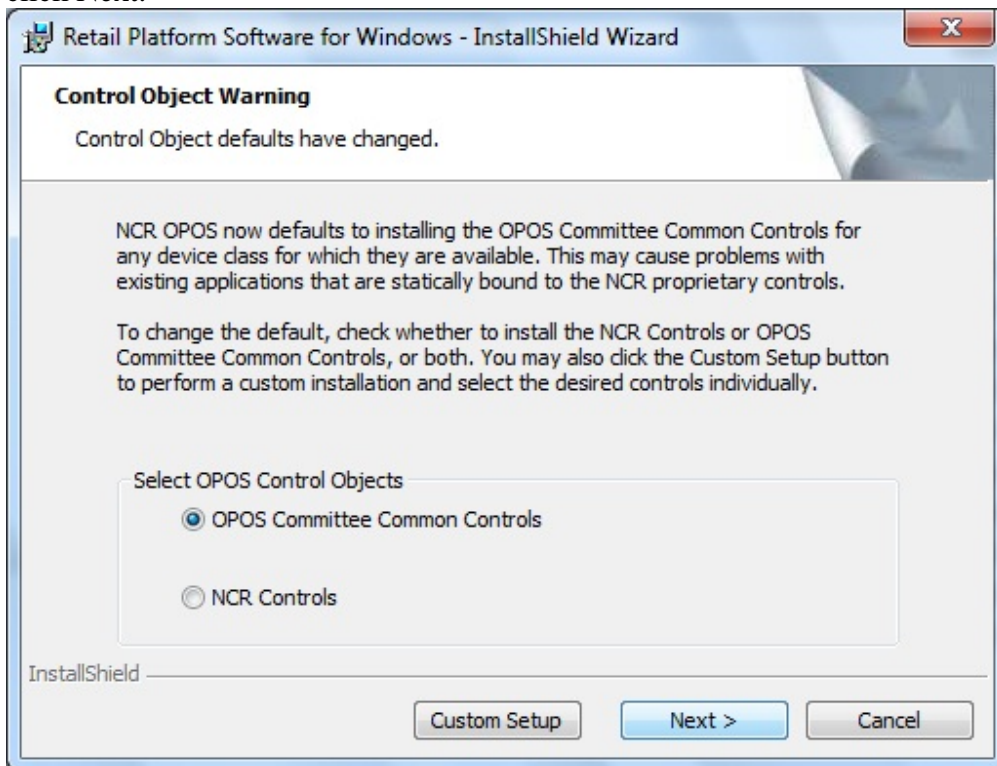
Click the I accept the terms box and click Next.



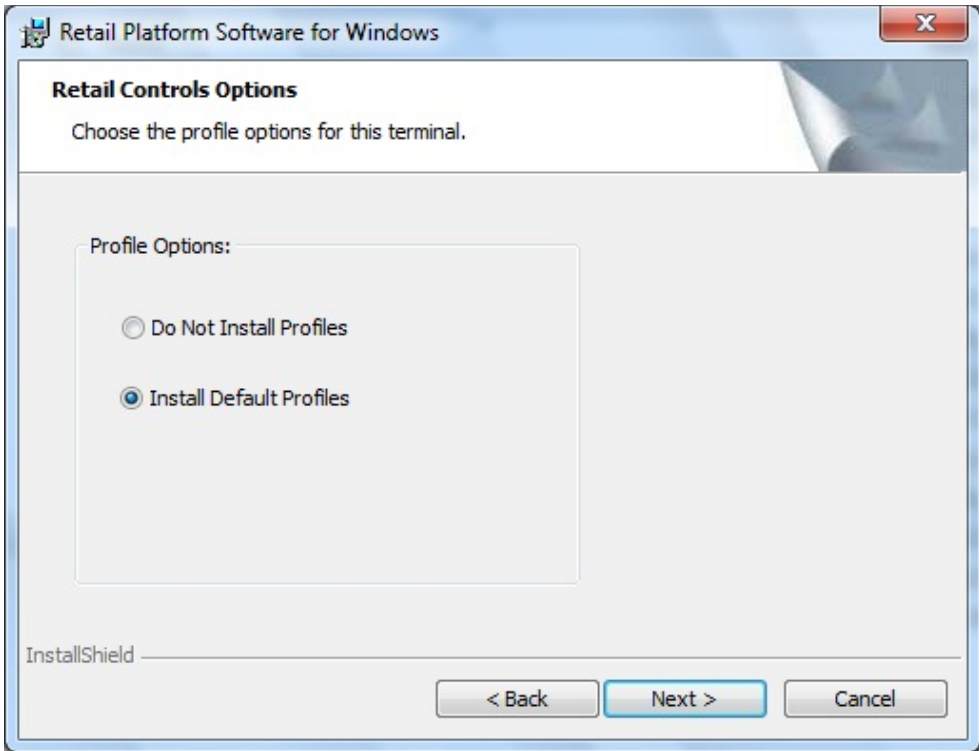
At the Setup Type screen select Standard and Click Next.



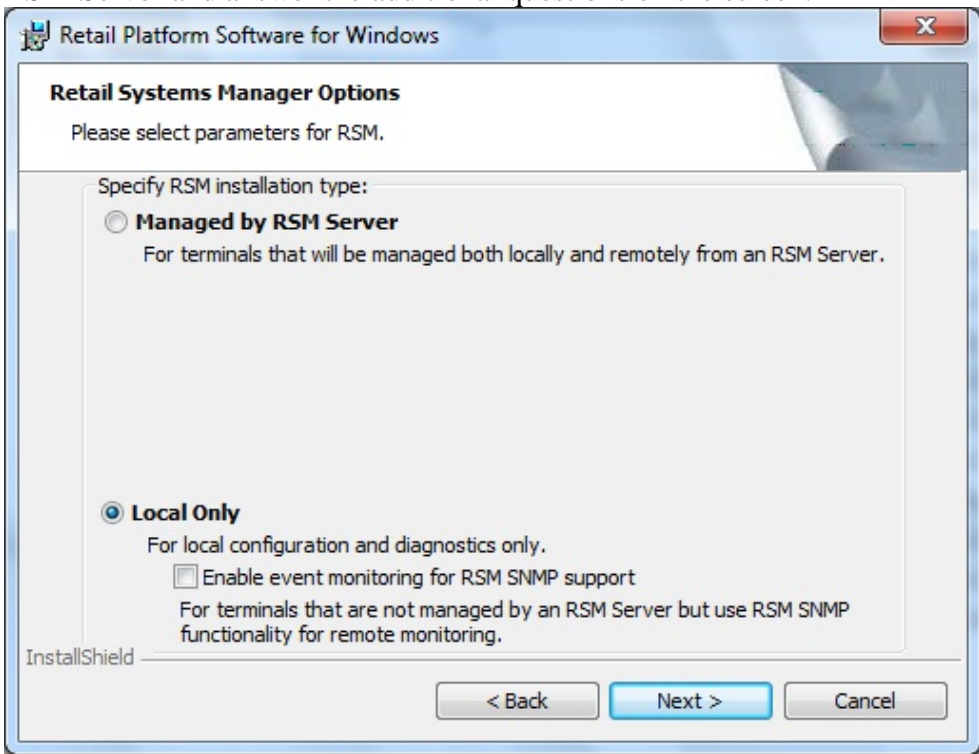
At the Control Object Warning screen select OPOS Committee Common Controls and click Next.



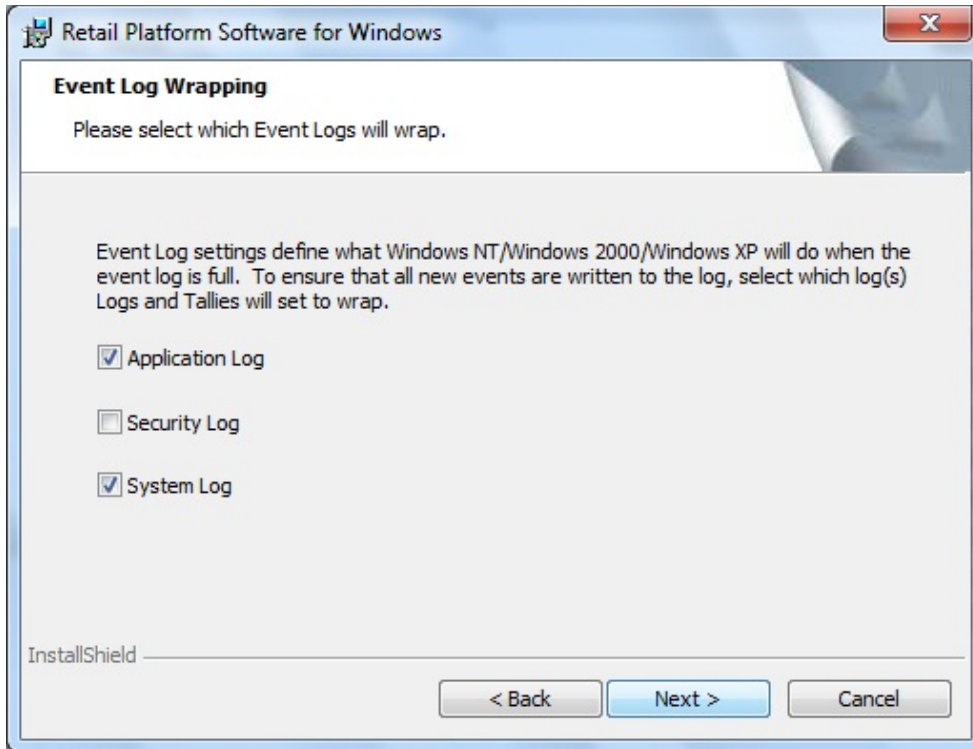
At the Retail Control Options screen select Install Default Profiles and click Next.



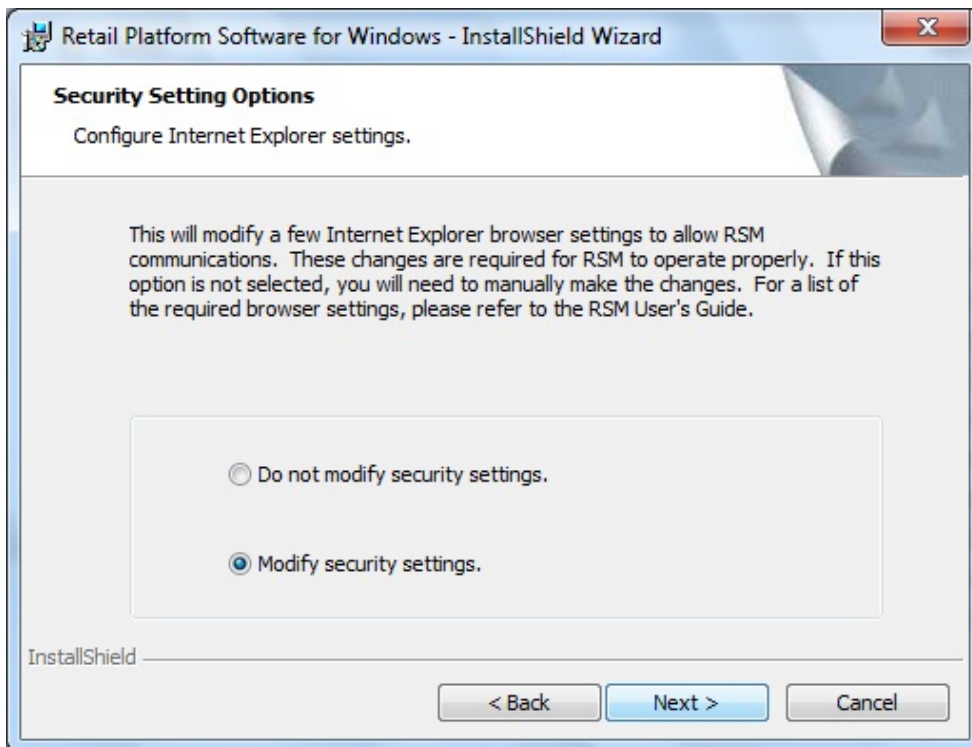
At the Retail Systems Manager Options screen select Local Only and click Next unless you are using a RSM server for remote management, in which case choose Managed by RSM Server and answer the additional questions on the screen.



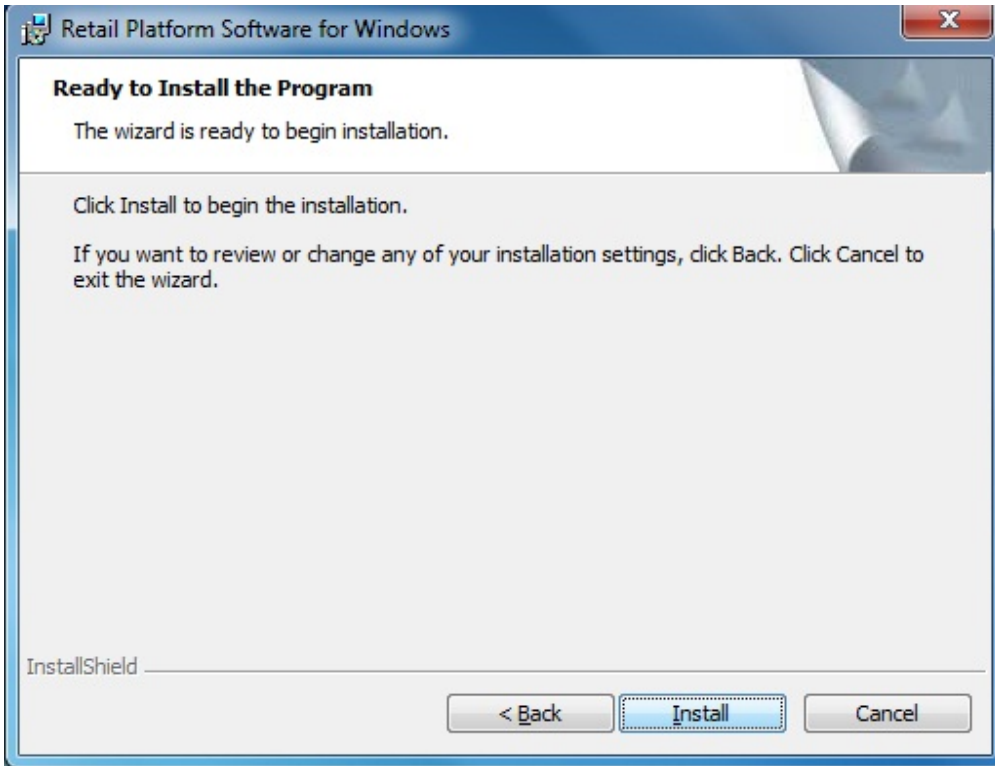
At the Event Log Wrapping screen click Next.



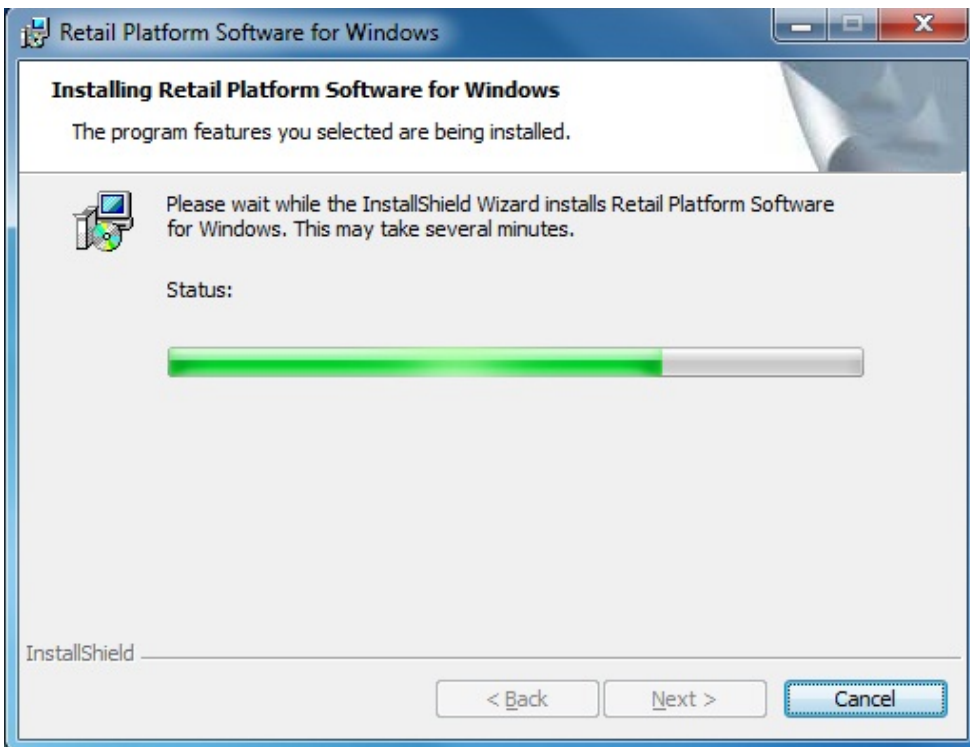
At the Security Setting Options screen select Modify security settings and click Next.

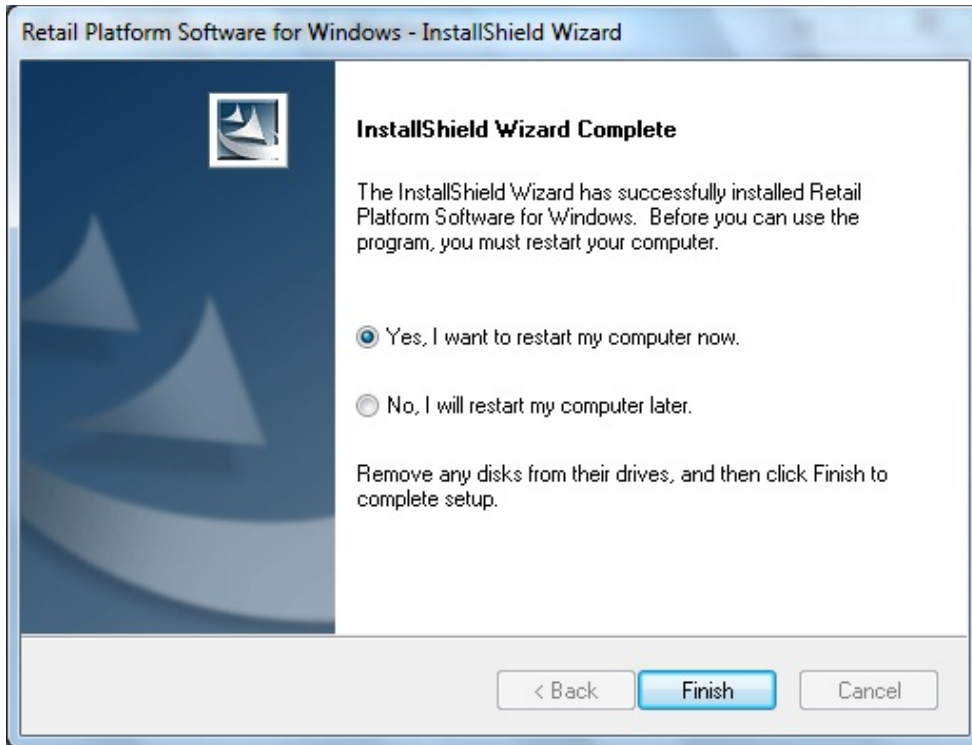


At the Ready to Install the Program screen click Install.



RSM is installed.





At this point attach the USB devices, i.e., POS printer, scanner. The Cash Drawer is to be plugged into the Cash Drawer port on the XR7 (7702) motherboard regardless of which printer is used.

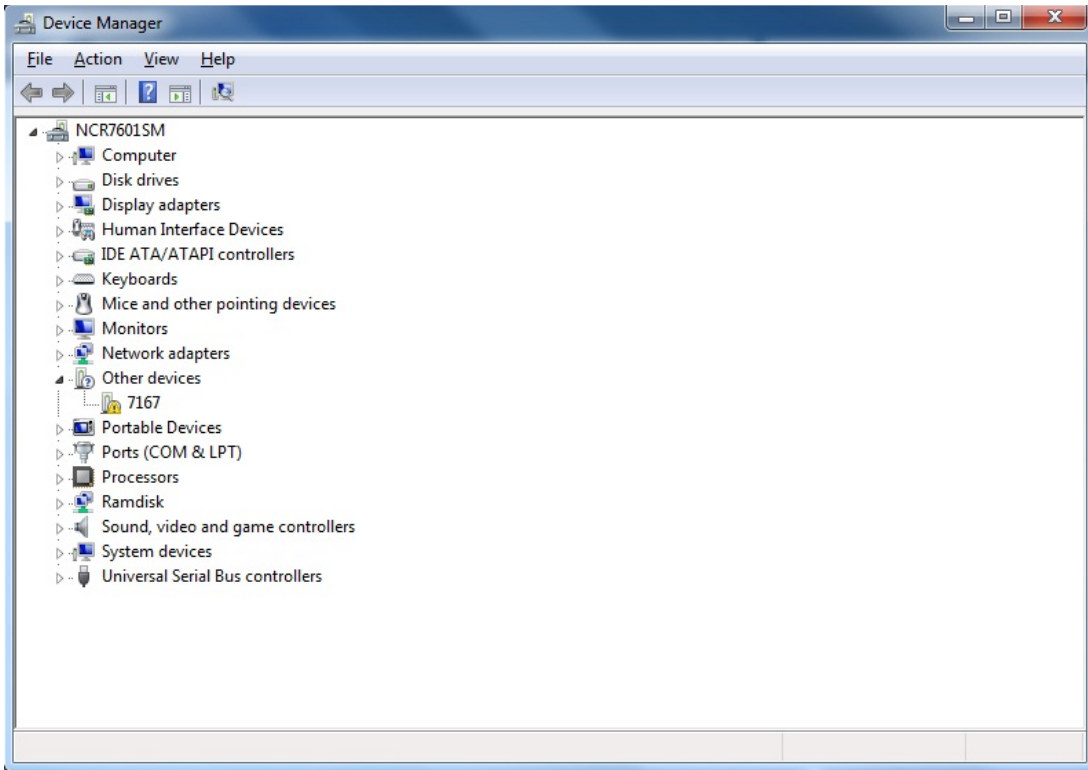
At the restart message box click Yes.
At the completed screen click Finish.

After reboot, logon as administrator.

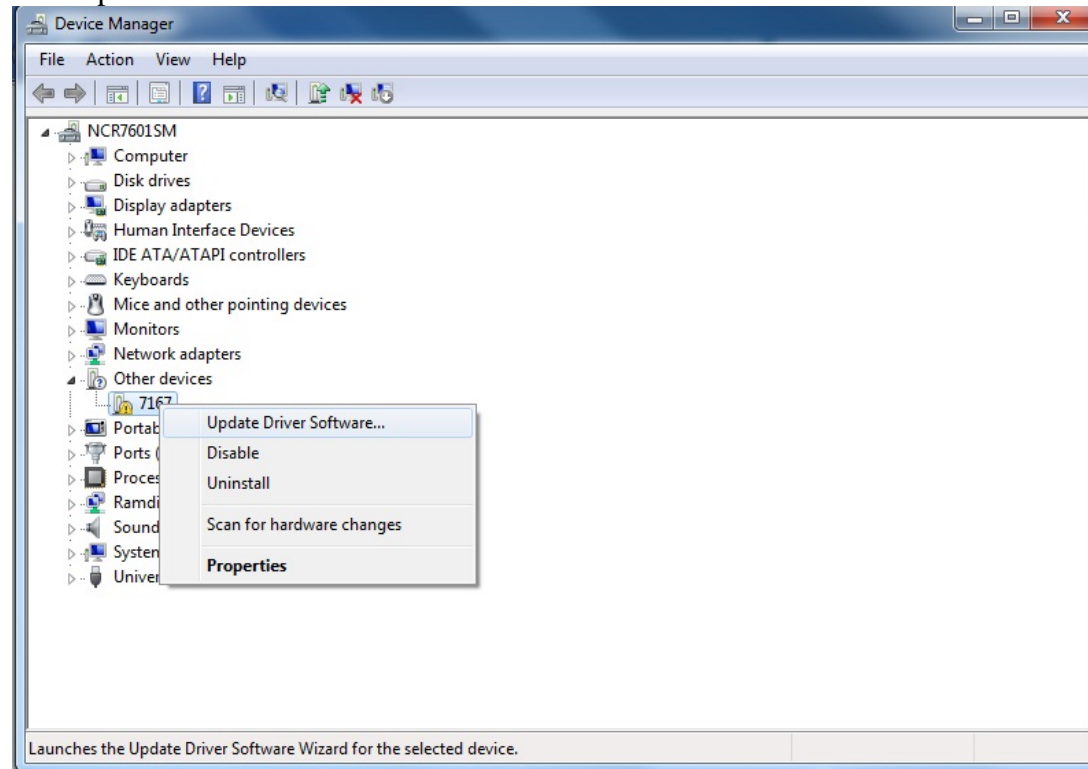
Don't attempt to setup your devices at this point. That will be explained later in this document.

Installing NCR printer drivers (IONetworks). If you are using an Epson TM-6000III/IV USB printer, install the Epson OPOS and set up the printer via the Epson utility.

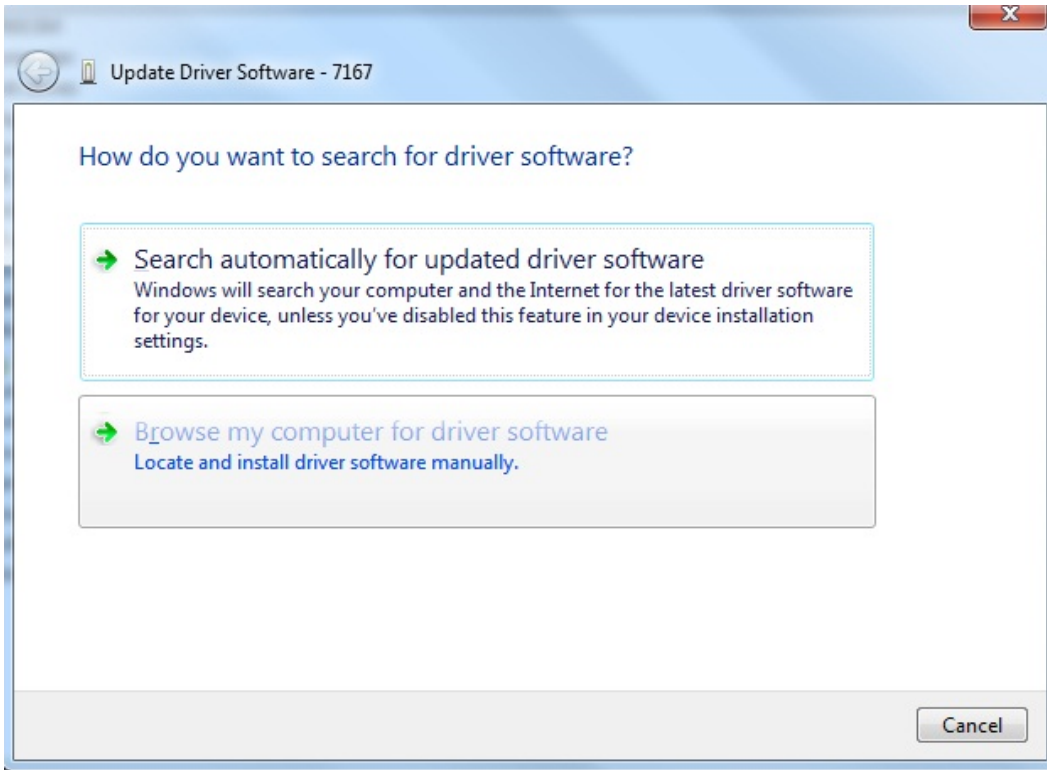
Click Start and go to the Control Panel. Click Device Manager.



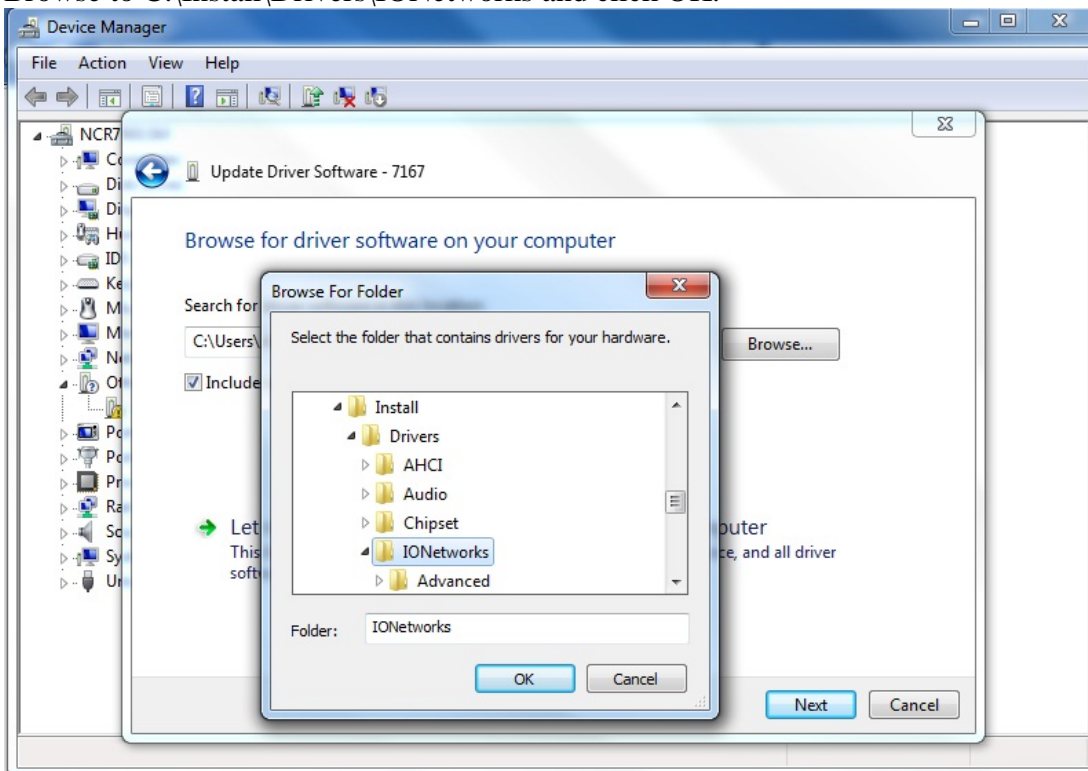
Under Other devices right click the device, i.e., 7167, with the yellow exclamation and click Update Driver Software.



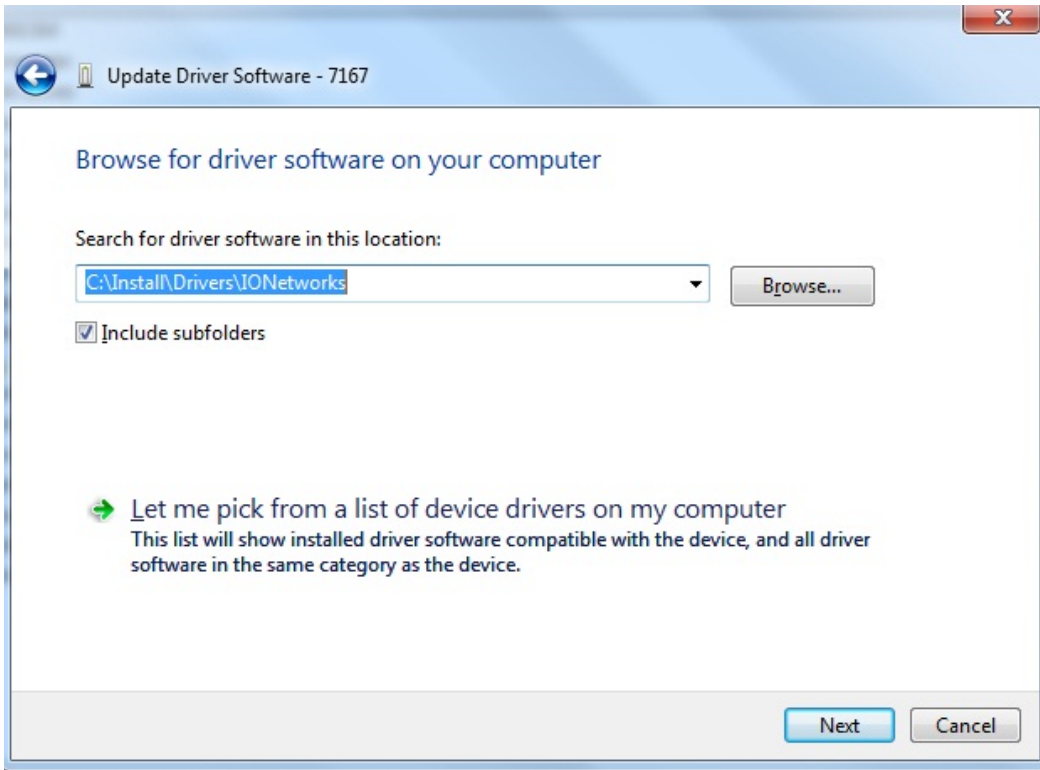
Click Browse my computer for driver software.



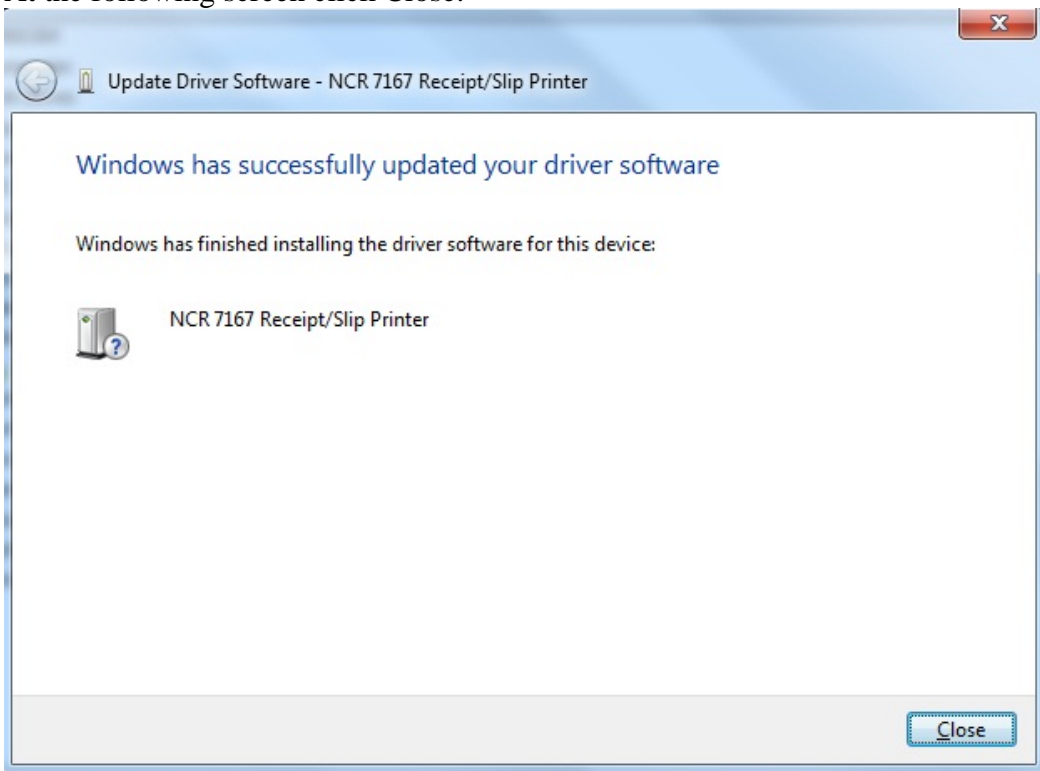
Browse to C:\Install\Drivers\IONetworks and click OK.



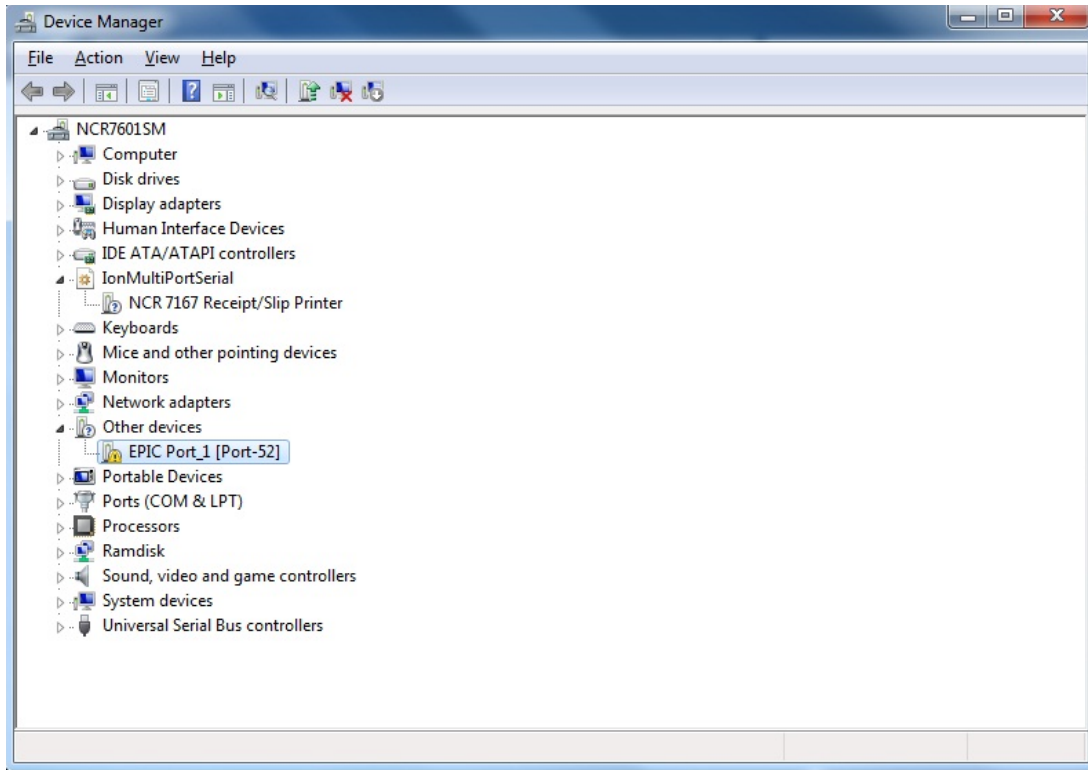
Click Next at the following screen.



At the following screen click Close.



Go back to Device Manager and repeat the same steps for the EPIC Port device.



Close Device Manager and Control Panel.

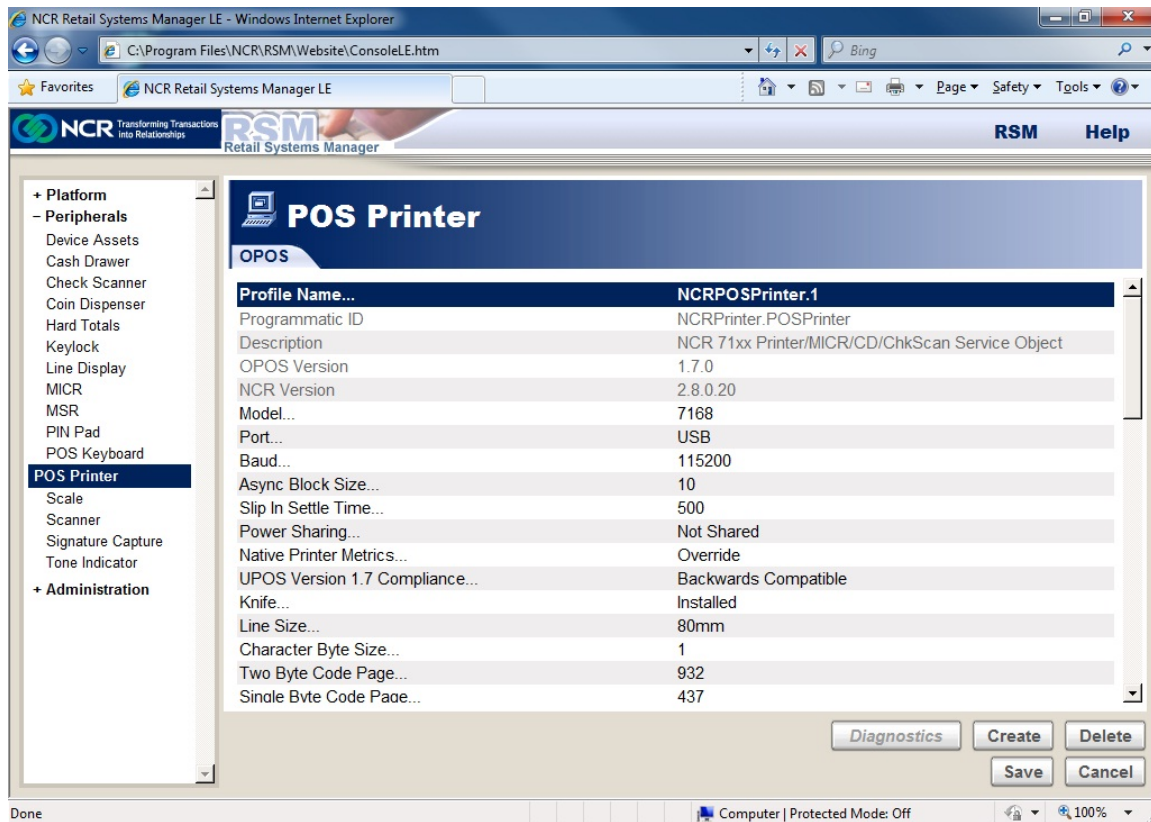
From the C:\Install\Drivers\RPSW folder on the POS and double click V8NCROPOS.reg
This will install the Device Profiles

NOTE: If you ever uninstall NCR RSM(OPOS) and reinstall it will be necessary to go to the C:\Install\Drivers\RPSW folder on the POS and double click V8NCROPOS.reg to reinstall the correct Device Profiles. The Device settings will also need redone to match the attached devices.

The following devices profiles were installed by the V8NCROPOS.REG file:
NCRCashDrawer.1, NCRMICR.1, NCRPOSPrinter.1, NCRScale.7872,
NCRScanner.7872 and NCRToneIndicator.1. Other profiles were installed via the RSM
install but only those listed above are currently supported by ISS45. Changing to other
profiles will cause device failures in ISS45 V8.

Some of the above profiles should work as is, however, some profiles such as
NCRPOSPrinter.1, NCRScale.7872 and NCRScanner.7872 may need changed depending
on which printer or scanner/scale is attached to the POS. It is not the intention of this
document to document how to use the RSM LE setup. Information on this can be found
on the NCR website. That said, the device setup is fairly straight forward and the
following screen provides an example on device setup.

Run RSM LE and configure your devices.

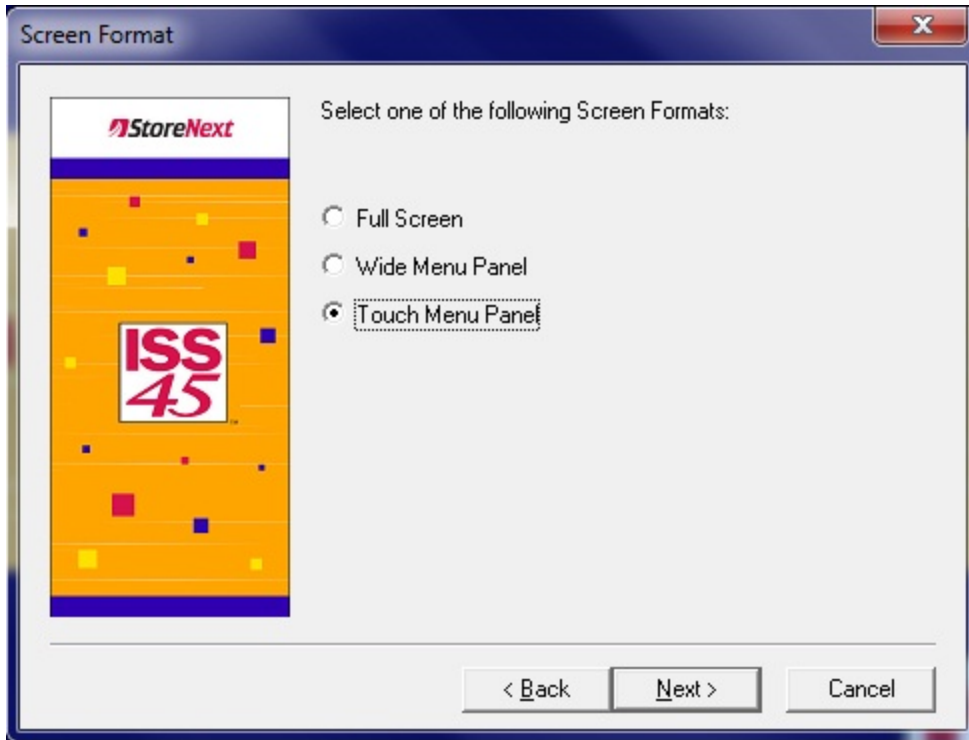


Once you have chosen the correct profile (see choices above), you normally will only have to choose the correct Model number of your device. Always select USB as your Port. For the 7168 printer, there are some additional settings to choose single or double sided printing. If you want double sided printing go to the Two Sided Thermal Mode Option and select Double sided Automatic Split Receipt. (This requires special printer paper).

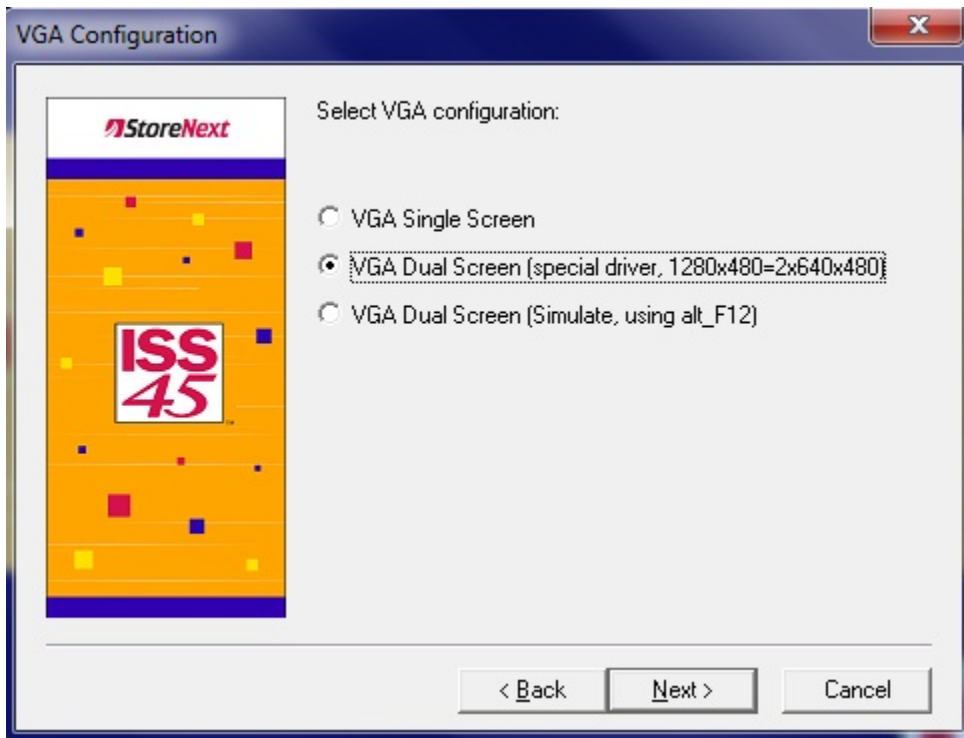
Now that the OS, network and device drivers are installed and configured, run the ISS45 V8 WinPOS install. See the Install guide on the website.

Use the following corresponding screens when doing the install. These are the only ones that are different.

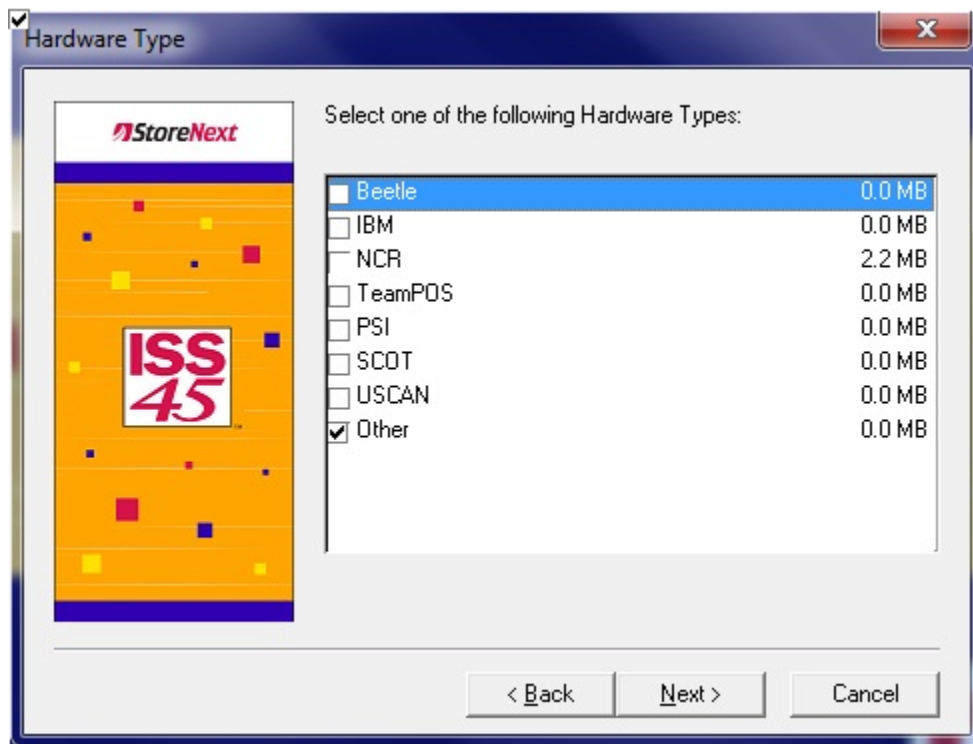
Select Touch Menu Panel.



If using dual monitors select the following else select VGA Single Screen.



Under Hardware Type select Other.



Depending on the installed devices, setup the following OPOS devices in the FrontOffice POS Configuration. If using the Epson TM-H6000IIIU/IVU then install the Epson OPOS using the ADK268E.exe and set it to be TM-H6000IIIU for the Printer and the MICR:

Post Configuration

POS Number: POS Type: Active till

General | WinPOS H/W | Non WinPOS 1 | Non WinPOS 2 | Auth. - EFT - I/F | E-Ticket - OPOS

E-Ticket

E-Ticket Active Virtual POS Number: Virtual Cashier Number:

OPOS

OPOS Printer Driver Name:	<input type="text" value="NCRPOSPrinter.1"/>	
OPOS Line Display Driver Name:	<input type="text"/>	
OPOS Drawer 1 Driver Name:	<input type="text" value="NCRCashDrawer.1"/>	
OPOS Drawer 2 Driver Name:	<input type="text"/>	
OPOS Scanner 1 Driver Name:	<input type="text" value="NCRScanner.7872"/>	
OPOS Scanner 2 Driver Name:	<input type="text"/>	
OPOS Scale Driver Name:	<input type="text" value="NCRScale.7872"/>	
OPOS MICR Driver Name:	<input type="text" value="NCRMICR.1"/>	<input checked="" type="checkbox"/> Use OPOS MICR
OPOS MSR Driver Name:	<input type="text"/>	<input type="checkbox"/> Use OPOS MSR
OPOS Keyboard Driver Name:	<input type="text"/>	
OPOS KeyLock Driver Name:	<input type="text"/>	<input type="checkbox"/> Use OPOS KeyLock
OPOS Coin Dispenser Driver Name:	<input type="text"/>	<input type="checkbox"/> Use OPOS Coin Dispenser
OPOS Check Scanner Driver Name:	<input type="text"/>	<input type="checkbox"/> Use OPOS Check Scanner

⏪ ⏩ ⏴ ⏵ OK Cancel Apply

Additional setup information:

Printers – set or build appropriate templates for check writing.

Menusys.mac and Keyboard programming – It is up to the Dealers to setup the menusys.mac and keyboard programming to meet the customer’s requirements.

Following are the scan tags and sequences to program the 78xx scanners. Once the OPOS devices are setup and programmed the POS should be ready for use.

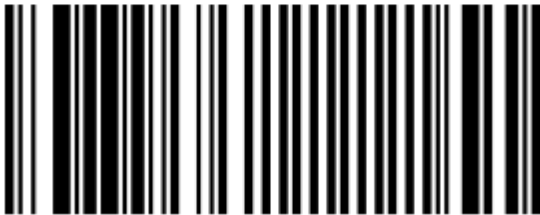
78XX Scanner programming tags:
To Program the 7874 / 7878 for ISS45 V8

(Start)

Reset



Default

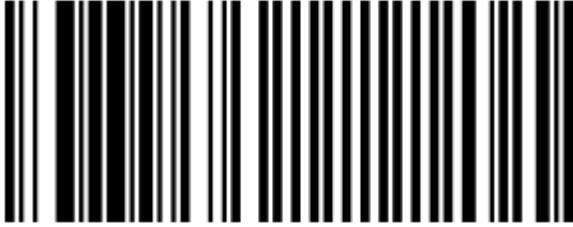


Programming Mode

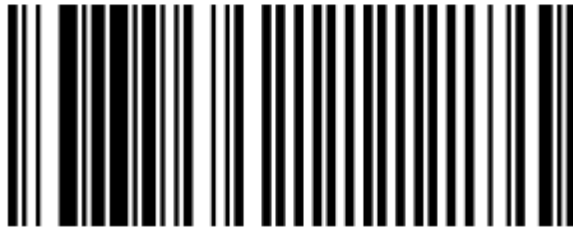


(Set to USB Communication Protocol)

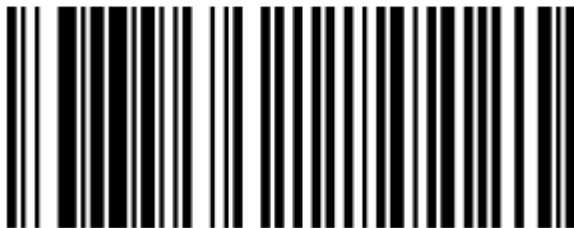
Hex 1



Hex 0

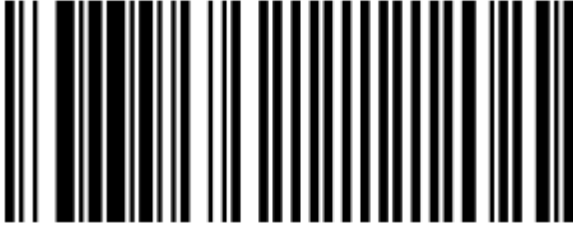


Hex D

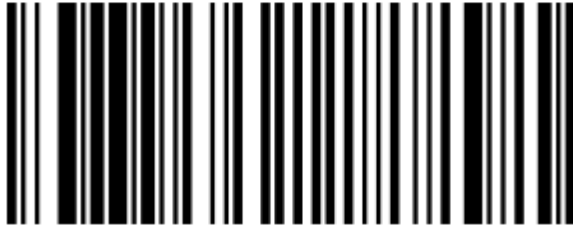


(Enable periodical codes)

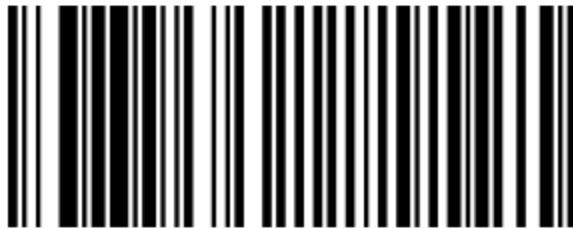
Hex 1



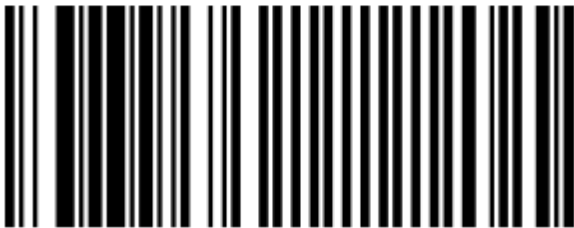
Hex 3



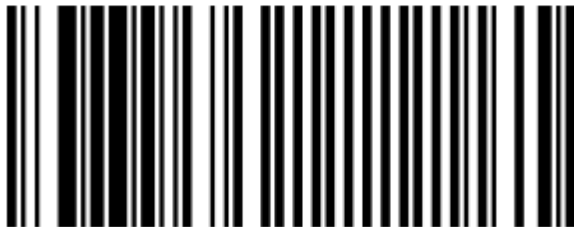
Hex E



Hex 1



Hex 2



Hex 0



(Enable Code 128)

Hex 1



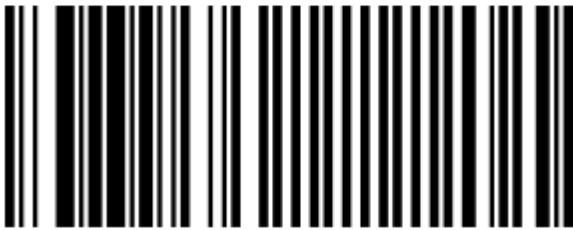
Hex 7



Hex A

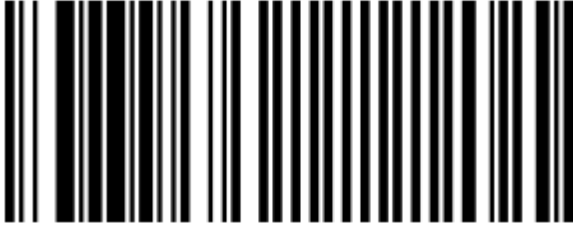


Hex 1

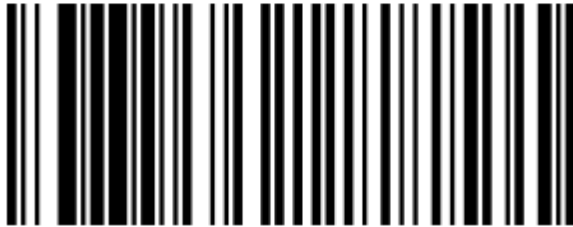


(Enable DataBar)

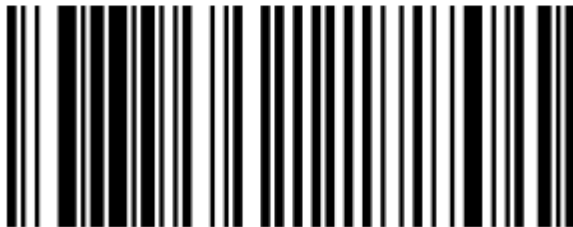
Hex 1



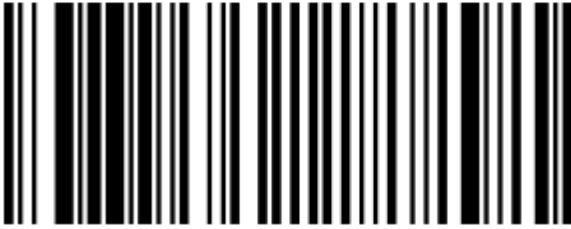
Hex 8



Hex A

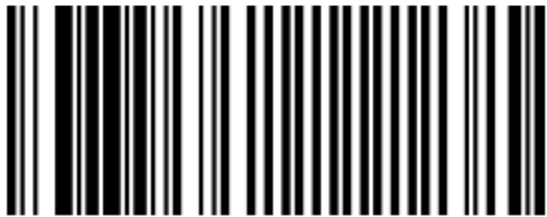


Hex 3



(Finish)

Save and Reset





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