

Release Note - Updating Embedded NT Systems

There are several issues to consider when upgrading a PX PowerStation that uses Embedded NT on a Compact Flash. This release note provides procedures for the following issues. Prior to upgrading to release 1.9, you must void the previous license. Read the section that applies to your particular situation.

- Voiding your license.
- Upgrade either through the new Flashback Utility or the Project Files Transfer option from within MachineShop Suite. Using the Project Files transfer method will update the Deployment Server and the InteractX Runtime files.
- Upgrading directly from InteractX release 1.7 to release 1.9 is not supported. Solve this by upgrading first from release 1.7 to release 1.8 using a special utility available on the CTC support web site. Then, deploy to release 1.8 from release 1.9.
- Locating and removing the HMISStart.bat file.

If you have any problems with your upgrade, contact Technical Support at:

Phone: (513) 248-1714

Fax: (513) 831-5042

E-mail: support@ctcusa.com

Voiding the InteractX Previous Release License

Upgrading from any previous version of InteractX requires that you void your license. This is a simple process and only takes a few minutes.

1. Double-click the **Deployment Server** icon located in the lower-right system tray.
Deployment Server launches.
2. Click the **Configure** button on the **General** tab.
License Manager launches.
3. Click the **Transfer License** tab and select the **Void License** option button.
4. Click **Transfer**.
A **License Manager** warning dialog displays.
5. Select **Yes**.
The **License Manager Kill License** dialog displays.
6. Write down the number listed in the dialog and keep for your records.
7. Select **OK**.

8. Close the **License Manager**.
9. Close the **Deployment Server**.

Upgrading from Release 1.8 to Release 1.9 via Flashback Utility

The Embedded NT Flashback Utility is available on the Embedded NT Recovery CD shipped with all PX PowerStations with an Embedded NT operating system. Follow the simple instructions below to upgrade your Compact Flash (CF) to InteractX release 1.9.

1. Turn off the PowerStation and remove the Compact Flash.
2. Install the Compact Flash in a SanDisk Imagemate or compatible CF drive.
3. Place the Embedded NT Recovery CD in your CD-ROM drive.
The **Embedded NT Recovery Utility** launches.
4. Click **Disk Recovery Images - Launch FlashbackNTe**.
The **FlashbackNTe utility** launches.
5. Format the Compact Flash if necessary prior to placing the image on the drive. View the online help file for the utility if necessary.
6. Select the image file from the list.
The image file is transferred to the Compact Flash.
7. Remove the Compact Flash from the drive and install in the PX PowerStation.
8. Turn on the PowerStation.
9. Obtain your license through the **InteractX License Manager** accessible by double-clicking the **Deployment Server** icon located in the system tray.
Deployment Server launches.
10. Click the **Configure** button on the **General** tab.
License Manager launches.
11. Obtain a license for your system.

Upgrading from Release 1.8 to Release 1.9 via Deployment Server

You can choose to upgrade your Compact Flash by deploying the release 1.9 program files to the PX PowerStation. You must have release 1.8 installed prior to performing this procedure. If you have release 1.7 installed, then refer to the next section.

Note: On your development system, you must have InteractX release 1.9 Development installed prior to downloading to the PX PowerStation. For development system upgrade procedures, refer to the document titled **Upgrading to InteractX Release 1.9** located in your upgrade package.

From the Deployment Server, you can transfer files using one of three methods.

- A network connection
- A disk
- A serial connection

Make sure the PX PowerStation is setup to accept the type of transfer you wish to use. Right-click the Deployment Server icon located in the system tray of the PX PowerStation to select the type of transfer used.

Note: During the upgrade process, the PX PowerStation will be automatically rebooted without prompting. Therefore, close all open programs prior to performing the following upgrade procedure.

1. Void your InteractX 1.8 Runtime license by following the steps on page 1.
2. On the development system, launch **MachineShop Suite**.
3. Open an existing project when prompted and select a project from the **Open Project** dialog.
4. Click **OK**.
5. Double-click the **PowerStation** graphic within the **MachineShop Suite** workspace. The **Device Properties** dialog displays.
6. Click the **Download to Runtime** option button.
7. Click **Next**.
8. Select the connection you wish to use for the transfer. Click the **Help** button for additional information.
9. Click **Next**.
10. Select the **Program Files** check box.
11. Select the **InteractX Runtime Only** option button.
12. If you also wish to transfer your Application Files, select the **Application Files** check box and option buttons to accomplish this.
13. Click **Finish**.

You will see several messages on your deployment system as the transfer takes place. The PX PowerStation reboots. Obtain a new runtime license for this upgrade.

Upgrading from Release 1.7 to Release 1.9

Upgrading directly from release 1.7 to release 1.9 is not supported. Although, you are able to upgrade by accomplishing additional steps that will install release 1.8 on the PX PowerStation. From there you may upgrade to release 1.9 through the Deployment Server as already described in the above procedure.

To accomplish these procedures you must have the following:

- Be able to connect to the Internet from the PX PowerStation.
- Have a 512MB Compact Flash.
- Have Winzip installed on the PX PowerStation.

Installing Winzip

Winzip is used to extract files from a compressed utility program you will need to download from our web site.

1. Launch your web browser and go to: **<http://www.winzip.com>**

The **Winzip** web site appears.

2. Download the **Evaluation** version of their software to the PX PowerStation.
3. Double-click the **Winzip** executable and follow the wizard instructions to install the program on the PX PowerStation.

Installing Release 1.8

InteractX release 1.8 must be installed on the PX PowerStation prior to installing release 1.9. A simple utility is available that steps you through this process and is available on our web site.

1. Launch your web browser and go to: **<http://www.etcusa.com>**

The **Electromechanical Automation Division - CTC** web site appears.

2. Click **Support**.

The **Support** page appears.

3. Click the link named **Click to Enter the CTC Forum**.
4. Enter your **Username** and **Password** or obtain one to enter the **CTC Support Forum**.
5. Once in the forum, scroll down to the section titled **InteractX**.
6. Click **Version Updates** within the InteractX section of the forum.

7. Select the update topic from the list.
8. Scroll down and select the **IntX180_PX_NTe_Update.zip** link to download the file to your system.
9. Unzip this file onto the Compact Flash into a temporary folder.
10. Locate this temporary folder and double-click the **STARTHERE.EXE** file and follow the instructions on the screen.

The utility will:

- a. Remove InteractX Runtime.
- b. Remove the Deployment Server.
- c. Install release 1.8 Deployment Server.
- d. Update the HMISStart.bat file.
- e. Install InteractX Runtime files.
- f. Reboot the PX PowerStation.

InteractX release 1.8 is now installed on the PX PowerStation.

Follow the steps located on page 2, **Upgrading from Release 1.8 to Release 1.9 via Deployment Server**, to complete this upgrade.

Removing the HMISStart.bat file

InteractX release 1.8 installed a batch file on runtime systems that would automatically startup an application anytime the PX PowerStation booted. Through the batch file an application will take an additional 20 seconds to start.

You can delete the automatic start of the application by deleting the batch file that initiates the application.

To delete the batch file, follow the steps below.

1. Launch **Windows Explorer** and access the following path to delete the shortcut to the file:
C:\WinNT\Profiles\All Users\Start Menu\Programs\Startup
2. Select and delete the file **Shortcut to HMISStart** from this location.
3. Access the following path to delete the batch file:
C:\Program Files\InteractX
4. Select the delete the file **HMISStart.bat** from this location.
5. Reboot the PX PowerStation.