

Product(s):	WorkCentre M24	Date: 5/04/2004	Page: 1 of 4
Title:	Version 1.2 IOT Software Install Instructions		
Instruction #:	Tag/Mod:	IOT: #6; IIT: #2	Classification Code: M

Purpose

The purpose of this kit is to install WorkCentre M24 v1.2 IOT Software.

Kit Contents

Qty.	Description	Part Number
1	WorkCentre M24 SW CD	301E52413

Required tools and supplies

- PWS Laptop with:
 - GSN Release 9.0 or higher PWS software
 - WorkCentre M24 Diagnostics Tool v2.7 or higher.
 - GSN Lock
 - Network Interface Card (NIC)
- Network crossover cable (p/n 600T2252)
- Serial Cable 9 pin to 9 pin (p/n 600T2058)
- 10 sheets of Color Expressions 11x17" paper
- Color Test Pattern (p/n 82E13120)

Note: You must have Critical NVM values saved in case of a problem downloading software. If you do not have a known-good, up-to-date NVM floppy disk, make sure that you save NVM before proceeding. Use the following steps:

- ___ 1. Connect the serial cable to the IOT serial port and the PWS. Ensure that the retaining screws on the cable are tightened at both ends.
- ___ 2. Switch on the machine power and wait for the UI to display **Ready to Copy**.
- ___ 3. Switch on the PWS. Close ALL applications (Including virus scan) except GSNLock
- ___ 4. Start the WorkCentre M24 Diagnostics Tool. Select **dC351** from the DC Quick menu. Select **ALL** and **Save Machine Settings**.

Note: In dC351 (Save Machine Settings or Restore Machine Settings) errors may occur for some NVM locations. These errors are the result of customer selectable options (Example: Network settings or Fax not installed.). For now, ignore the errors. The network settings will be verified at the end of this procedure.

- ___ 5. **Save Machine Settings** to a floppy disk. Refer to **dC351** in the E-Doc for detailed instructions.
- ___ 6. Label the floppy with the machine Serial number, the SW version set number, the Diagnostic Tool version number and the date. Place the floppy in the compartment above the ESS assembly.

Procedure

CAUTION

In order to prevent loss of data; follow these instructions very carefully

Section 1 - Initial Actions for Portable Workstation (PWS)

- ___ 1. On the PWS, right-click on the **Network Neighborhood** icon and select **Properties**. Check that TCP/IP is set as the active protocol, and that the NIC is set as the active Adapter. Note the original settings for later restoration.

Note: The following steps are generic to cover versions of Windows (95, 98, 2k, XP) currently in use. The exact steps for setting up your network configuration will depend on the operating system on your PWS. If you need specific instructions for setting the IP address on your PWS, see the appropriate operating system-specific instructions for NIC_setup in the Doc folder on the CD.

- ___ 2. If your current setting is not DHCP, write down your current IP settings (so that you can restore them later.).

IP address: _____

Subnet Mask: _____

IP Gateway: _____

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- __ 3. If your current setting is DHCP select manual IP or static IP or select a specific IP address.
- __ 4. Set your IP addresses as follows:
 - IP address: **192.168.13.13**
 - Subnet Mask: **255.255.255.0**
 - IP Gateway: **192.168.13.8**
- __ 5. Verify that there is a **C:\Temp** directory on the PWS hard disk. If there isn't, create the directory.

Section 2 - Initial Actions for the WorkCentre M24

- __ 1. Print a System Settings List. (see **GP12** in E-Doc).
- __ 2. Record the serial number of the WorkCentre M24 machine: _____
- __ 3. Make a copy of the Color Test Pattern. Fix any IQ or copy mode problems before upgrading software.
- __ 4. Enter Tools mode on the machine UI. Select **System Settings, System Settings, Network Settings, Protocol Settings**. Scroll to the second page and select the item labeled **TCP/IP Add for download**.
- __ 5. Select **Change settings** and set the download IP address to **192.168.13.1**. (Leading zeros will not be displayed.)
- __ 6. Press **Save** and exit the Tools mode. Wait for machine to display **Ready to Copy**.

Section 3 – Upgrading WorkCentre M24 Software

- __ 7. Switch off the PWS.
- __ 8. Switch off the WC M24. Wait for the machine to cycle down. Disconnect the Network Cable from the IOT rear panel.

CAUTION:

Make sure that the network crossover cable is securely connected. If this cable disconnects during download, the file being loaded onto the machine will become corrupted and the file will have to be downloaded again.

- __ 9. Connect the network crossover cable to the IOT Network Cable port and the PWS. Verify that the cable is firmly seated and that the locking tabs are engaged at both ends.
- __ 10. Switch on the PWS. Close ALL applications (Including virus scan) except GSNLock
- __ 11. Press and hold the power saver button while you switch on the machine. Continue holding the power saver button until the UI displays **Download Mode**.
- __ 12. Place the **WorkCentre M24 SW CD** in the CD-ROM drive.
- __ 13. Select **Start** on your Laptop.
- __ 14. Select **Run** from the taskbar on the Laptop.
- __ 15. Type **G:\exe\download.exe** – where (**G:**) is the drive letter of your CD-ROM drive (substitute the actual drive letter if different).
- __ 16. Select **OK**.
- __ 17. After a short delay, the Download Tool should appear on the PC.
- __ 18. Select **Networked Ethernet Connection** and set the download address to **192.168.13.1**. Click on **OK**.
- __ 19. In the **Versions** box, select **V 1.2 STD** or **V 1.2 PS**. On the System Settings List under the Heading “ROM” will be displayed either “Standard ROM” or “Standard+PostScript®ROM”. If only Standard ROM is listed select **V 1.2 STD** otherwise select **V 1.2 PS**.
- __ 20. In the **Languages** box, select the appropriate language file according to Table 1.

CAUTION:

The EFIGS & BP language file will only work on an XE machine. Attempting to load this file on an XC machine will result in an error. Select the appropriate XC UI file and download it.

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Table 1

Language	Selection	File Name
XC Machine:		
English / French	en_fr (MFG default for English)	ui2_41316.bin
English / Spanish	en_es	ui2_41326.bin
Spanish / Brazilian Portuguese	es_pt	ui2_41336.bin
XE Machine:		
English, French, Italian, German, Spanish, Brazilian Portuguese	EFIGS & BP	ui2_41346.bin
English, Dutch, Danish, Swedish, Finnish, Norwegian	Nordic	ui2_41356.bin

__ 21. The WC M24 Download Tool window will appear as in Figure 1.

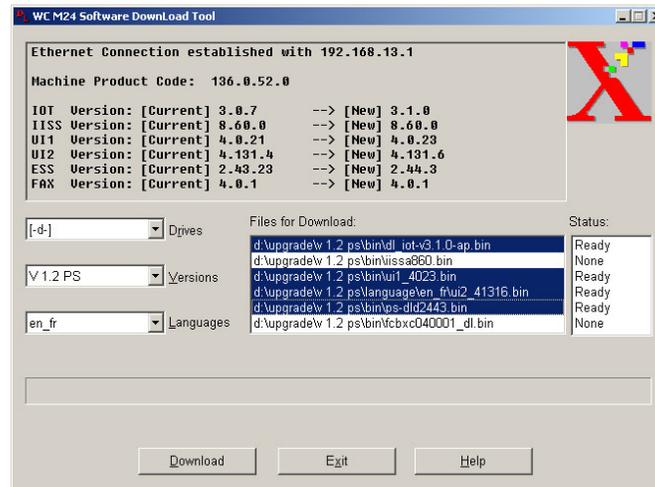


Figure 1 Download Tool Window

Note: If the machine does not have a Fax installed the current version number for the Fax software will not be a valid version number. (Example 80.82.79)

CAUTION

To insure that software is downloaded correctly, read steps 22a through 22e before downloading software.

__ 22. Upgrade the software on the WorkCentre M24 as follows:

22a) In the **Files for Download** window, highlight the files to be downloaded. If the **Current** version is the same as the **New** version, it does not need to be downloaded. The files will be downloaded in the order listed.

CAUTION

DO NOT interrupt the download or power off the machine during download. If the machine is powered off and on during download or the download is interrupted, serious problems may result.

22b) Press the Download button. A message box will display an estimate of the time the download will take. Start the download by selecting YES.

22c) While a file is being downloaded, the Online LED on the UI will flash green. After that file finishes downloading, the Online LED will be a steady green until that file is decompressed.

Note: If a failure message is displayed, the fault must be corrected before the upgrade can continue.

22d) After the last file has been downloaded, the PWS will display "File Download Complete!" (Figure 2). Wait until the green LED on the machine UI goes off. Select **Exit** on the Download Tool window. Switch off the IOT power.

22e) Switch on the IOT. Wait for the IOT to display Ready to Copy. If it does not come up after 5 minutes, switch the power off then on. If, after powering off and on 2 times, the message does not appear, verify cable connections between the PWS and IOT, switch the IOT power off, return to step 11 and re-download all of the software files.

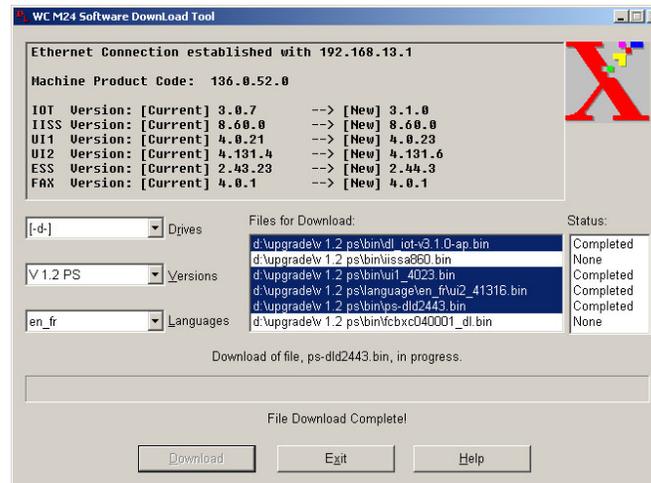


Figure 2

CAUTION

The following step **must** be performed before reconnecting the network cable. If you reconnect, and a job is received before the NVM is set correctly, it may be necessary to reinstall the previous version of software, then reinstall V1.2! Refer to the document, **Option Device Detection.pdf**, in the **Doc** folder of this CD.

- ___ 23. Using **UI Diagnostics**, set NVM location 740-035 to 0. Exit diagnostics and wait for the message, **Ready to Copy**.
- ___ 24. Disconnect the Crossover Cable from the IOT and reconnect the Network Cable.
- ___ 25. Press the **Machine Status** button, select **Machine Information / Software Version** and verify that all of the files downloaded successfully (see Table 1). If the versions are not correct, switch off the IOT power, return to step 9 and re-download **all** of the software files.

Table 1 Software Versions

File Name	Version
System Main ROM (Standard ROM)	2.44.3
UI Control ROM	4.0.23
UI Frame ROM	4.131.6 or 4.132.6 or 4.133.6 or 4.134.6 or 4.135.6
Input Device ROM	8.60.0
Output Device ROM	3.1.0
Fax Main Board ROM	4.0.1

- ___ 26. Print a new System Settings List.
- ___ 27. Compare all system and network settings. If any settings are different from the original System Settings List set them correctly and then print another System Settings List.
- ___ 28. Check with the System Administrator to insure that clients can print to the machine.
- ___ 29. Place the new System Settings Sheet in the compartment in Tray 1 or Tray 2 of the machine.
- ___ 30. Make another copy of the 82E13120 test pattern and compare it to the copy made in section 2, step 3. The copy should be of equal or better quality. If it is not perform appropriate adjustments per IQ RAP.
- ___ 31. Using a permanent marker, mark off Tag 6 on the Tag matrix inside the front cover of the IOT. Mark off Tag 2 on the left rear of the IIT.
- ___ 32. Return to Section 1 - Initial Actions for Portable Workstation, steps 1-2, and restore the original network settings.
- ___ 33. Close Call reporting (NASG - US only): Target completion date: December 1, 2004 or sooner
 - Report primary or secondary activity 85
 - Show part used 635K09880 (not an actual part, used for retrofit reporting only)
 - Show part source code 07