

DC2045/2060 Individual PWBA Upgrade Procedure

Purpose

The purpose of this procedure is to provide the ability to upgrade PWBA's after replacement to the 6.2.8 software using the Portable Workstation (PWS) without performing a full 6.2.8 software install.

This procedure is to be used after replacing the following PWBA's:

- System PWB (PL19.2)
- IOT CPU MEM PWB (PL13.3)
- UI Control PWB (PL13.4)
- Yahoo (IPS) PWB (PL19.7)
- Pre-IPS (IISS) PWB (PL15.6)

NOTE: This procedure is to be used with EPC PWS Diagnostics Tool v3.6 or higher.

CAUTION

This procedure is only valid for machines already at IOT Software Version 6.2.8.

Procedure

CAUTION

The parallel cable must be connected or PWB failure can occur during the download.

1. Connect the parallel and serial cables between the PWS and the machine.
2. Plug the PWS into an AC power source to prevent a loss of battery power during the software download.
3. After the PWBA has been replaced, switch on the machine and wait for the machine to come to a ready condition (Ready to Print, Ready to Scan to Print).

NOTE: The IOT may not come to a ready state (Ready to Print, Ready to Scan to Print), or may only display the Greeting (Welcome) screen, or may display various fault codes depending on the PWBA that has been replaced.

If these conditions occur, wait approximately five minutes before continuing.

4. Insert the EPC Service Support CD in the PWS.
5. Start the Download Tool.
6. Click **Connect** to open communication with the IOT.
7. Select the CD-ROM Drive by clicking on the **Drive** pull down, then scroll to the drive where the software is located. If the CD-ROM drive letter is already displayed but not highlighted, click on the drive letter to highlight it.
8. Select the version by clicking on the **Set Version** pull-down arrow. Then scroll to the desired version and click on the version to highlight it.
9. Proceed to the section below that corresponds with the PWBA that was replaced.

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IOT CPU MEM PWBA Software Download

1. Download the Bootloader file.
 - a. Right mouse click on the **Download File List** to activate a pop- up menu.
 - b. Select **Delete All** to clear the contents of the **Download File List**.
 - c. Click **File** and select **Add New**. A Select Files dialog window will open.
 - d. Open the **DC2045-2060\upgrade** and **DC2045-2060 IOT V6.2.8E** folders.
 - e. Double click on the **bootloader** folder to open it.
 - f. Double click on the **o200509a.bin** file. The **Select Files** dialog window will close, and the o200509a.bin file will appear in the **Download File List** window.
 - g. Single click on the **o200509a.bin** file in the Download File List to highlight it
 - h. Click the **Start Download** button. Select **Yes** to continue.
 - i. Click **OK** when the Download Completed Successfully message appears.
 - j. Click the **Disconnect** button to exit the Download Tool. The machine may not return to the User Mode. If the screen stays blank it is okay. However, do not switch off the machine if the Greeting (Welcome) screen appears, wait for the machine to enter the User Mode (Ready to Print, Ready to Scan to Print).
2. Power the machine off, wait 5 to 10 seconds, and then switch it on. If the Welcome screen appears, wait for the machine to enter the User Mode (Ready to Print, Ready to Scan to Print), and then continue with the procedure. If the screen remains blank continue with the procedure.
3. Right mouse click in the **Download File List** to activate a pop-up menu.
4. Select **Delete All** to clear the contents of the Download File List.
5. Download the IOT PWB software.
 - a. Click **Connect**
 - b. Select the CD- ROM Drive by clicking on the **Drive** pull down, then scroll to the drive where the software is located. If the CD- ROM drive letter is already displayed but not highlighted, click on the drive letter to highlight it.
 - c. Select the version by clicking on the **Set Version** pull- down arrow. Then scroll to the desired version and click on the version to highlight it.
 - d. Select the **Language**. If the correct language is displayed, click on the language.
 - e. Select the Machine Type **Copier** or **Printer**.
 - f. Click **Load List**, the files will be displayed in the **Download File List** window.
 - g. Right mouse click in the Document File List to open a pop-up menu.
 - h. Select **Remove Existing** to select only those files that differ from the currently loaded versions.
 - i. Click **Start Download**. Select **Yes** to continue.
 - j. Click **OK** when the Download Completed Successfully message is displayed.
 - k. Click the **Disconnect** button to exit the download tool. The machine will return to the customer mode.
6. Exit the Download Tool.
7. After the Customer Screen appears and the machine power on cycle has completed, switch the IOT off, wait 15 seconds and switch the power on.

NOTE: A 3- 397 (S/ N failure) fault code may be displayed. This message will go away when the following steps are performed.
8. Enter the Diagnostic mode again.

CAUTION

Do not select initialize IOT PWBA.

9. Select **DC301** NVM Initialize. Select **IOT** Subsystem. Select **Start** to Initialize. Click **Yes** to confirm.

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10. Select **DC131** and reset the NVMs to the Values identified in Table 1.

Table 1 Reset NVM Values

Chain-Link	Value	Description
740-016	0 = Off 1 = On	FFIU PWB Enabled
740-042	2	2nd BTR Cleaning Cycle
740-044	0 = Off 1 = On	DFA Enable
742-001	100	Tray 1 Feed Start (64-80gsm)
742-002	100	Tray 1 Feed Start (81-105gsm)
742-003	100	Tray 1 Feed Start (106-135gsm)
742-004	100	Tray 1 Feed Start (136-150gsm)
742-005	100	Tray 1 Feed Start (151-220gsm)
742-006	100	Tray 2 Feed Start (64-80gsm)
742-007	100	Tray 2 Feed Start (81-105gsm)
742-008	100	Tray 2 Feed Start (106-135gsm)
742-009	100	Tray 2 Feed Start (136-150gsm)
742-010	100	Tray 2 Feed Start (151-220gsm)
742-060	100	Tray 3 Feed Start (64-80gsm)
742-061	100	Tray 3 Feed Start (81-105gsm)
742-062	100	Tray 3 Feed Start (106-135gsm)
742-063	100	Tray 3 Feed Start (136-150gsm)
742-064	100	Tray 3 Feed Start (151-220gsm)
742-065	100	Tray 3 Feed Start (221-280)
742-066	100	Tray 3 Feed Start (Transparency)
742-071	100	J-Tra Duplex Feed Timing
742-390	999	Fuser Index
744-005	100 – Black coated belt 120 – Brown coated belt	Fuser Inlet Roll Temp
744-026	0	Fuser Latch Up Timer
746-631	83	2nd BTR Transfer
746-632	66	2nd BTR Transfer
746-634	66	2nd BTR Transfer
746-634	66	2nd BTR Transfer

Chain-Link	Value	Description
746-635	83	2nd BTR Transfer
746-636	83	2nd BTR Transfer
746-637	83	2nd BTR Transfer
746-638	83	2nd BTR Transfer
746-639	83	2nd BTR Transfer
746-640	83	2nd BTR Transfer
746-641	83	2nd BTR Transfer
746-642	66	2nd BTR Transfer
746-643	66	2nd BTR Transfer
746-644	66	2nd BTR Transfer
746-645	83	2nd BTR Transfer
746-646	83	2nd BTR Transfer
746-647	83	2nd BTR Transfer
746-648	83	2nd BTR Transfer
746-649	83	2nd BTR Transfer
746-650	83	2nd BTR Transfer
746-856	81	2nd BTR Transfer
746-857	78	2nd BTR Transfer
746-862	78	2nd BTR Transfer
760-071	25557	Time Setting
760-072	xx	Enter a 2-digit value for the year at the time of setup.
760-073	xx	Enter the number of the Month at the time of setup.
760-074	xx	Enter the Date at the time of setup.
760-075	x	Enter the day at the time of setup. 0 = Sunday 1 = Monday 2 = Tuesday 3 = Wednesday 4 = Thursday 5 = Friday 6 = Saturday
760-076	xx	Enter the Hour at the time of setup. (24 hour format)
760-077	xx	Enter the minute at the time of setup.

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11. Check the IOT Tag Matrix and determine if Tag 4 has been checked. If tag 4 has been checked, set NVM location 760-012 to 1200 and NVM location 760-083 to 1.

NOTE: *The serial number is located on the six-digit bar code label located on the lower frame behind the front doors.*

12. Select **DC132 Serial Number Setting**. If any PWBA serial number is different, follow the on screen instructions to set the serial number

NOTE: *A 3- 397 (S/ N failure) fault code may be displayed. The fault will be cleared after the machine is powered off in the following step.*

13. Exit the Service Mode. The machine will return to the Customer Mode, wait for the Ready to Print, Ready to Scan to Print message to be displayed. Switch the machine power off, wait 15 seconds and switch the power on. Re-enter the Service Mode.
14. Use the call close out procedure to run the system in various modes to verify the machine operation
15. Reference the DC 2045/ 2060 Service Manual and perform the procedures: ADJ 7.1, ADJ 7.2, and ADJ 7.3.
16. Perform the Manual Setup for the ATC Sensor Range GP15.
17. Perform the Max Setup.
18. Refer to Critical NVM Record and re- enter recorded values for YMCK 1st BTR Remote (746- 022 to 746-025), YMCK Smile Adjustment (749- 270 to 749- 273), YMCK Smile Level (749- 274 to 749- 277).

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SYSTEM PWBA Software Download

1. Download the Bootloader file.
 - a. Right mouse click on the **Download File List** to activate a pop- up menu.
 - b. Select **Delete All** to clear the contents of the **Download File List**.
 - c. Click **File** and select **Add New**. A Select Files dialog window will open.
 - d. Open the **DC2045-2060\upgrade** and **DC2045-2060 IOT V6.2.8E** folders.
 - e. Double click on the **bootloader** folder to open it.
 - f. Double click on the **S003002a.bin** file. The Select Files dialog window will close, and the S003002a.bin file will appear in the Download File List window.
 - g. Single click on the **S003002a.bin** file in the Download File List to highlight it
 - h. Click the **Start Download** button. Select **Yes** to continue.
 - i. Click **OK** when the Download Completed Successfully message appears.
 - j. Click the **Disconnect** button to exit the Download Tool. The machine may not return to the User Mode. If the screen stays blank it is okay. However, do not switch off the machine if the Greeting (Welcome) screen appears, wait for the machine to enter the User Mode (Ready to Print, Ready to Scan to Print).
 2. Power the machine off, wait 5 to 10 seconds, and then switch it on. If the Welcome screen appears, wait for the machine to enter the User Mode (Ready to Print, Ready to Scan to Print), and then continue with the procedure. If the screen remains blank continue with the procedure.
 3. Right mouse click in the **Download File List** to activate a pop-up menu.
 4. Select **Delete All** to clear the contents of the Download File List.
 5. Download the Sys PWB software.
 - a. Click **Connect**
 - b. Select the CD- ROM Drive by clicking on the **Drive** pull down, then scroll to the drive where the software is located.
 6. If the CD- ROM drive letter is already displayed but not highlighted, click on the drive letter to highlight it.
 - c. Use the **Set Version** pull-down arrow to select **DC2045-2060 v6.2.8**.
 - d. Select the **Language**. If the correct language is displayed, click on the language.
 - e. Select the Machine Type **Copier** or **Printer**.
 - f. Click **Load List**, the files will be displayed in the **Download File List** window.
 - g. Right mouse click in the **Download File List** to open a pop-up menu.
 - h. Select **Remove Existing** to select only those files that differ from the currently loaded versions.
 - i. Click **Start Download**. Select **Yes** to continue.
 - j. Click **OK** when the Download Completed Successfully message is displayed.
 - k. Update the Software Version Number.
 - i. Click on **Commands** in the menu bar at the top of the Download Tool then select **Version Set**. The Set Version dialog box will open.
 - ii. Enter the number of the software version that was just loaded.
 - iii. *For Example: To Enter version 6.2.8, type 0 in the first box, press tab key then type 6 in the second box, tab key then 0, continue: tab, 2, tab, 0, tab, 8 (06 02 08).*
 - iv. Click **OK**
 - l. Click the **Disconnect** button to exit the download tool. The machine will return to the customer mode.
 6. Exit the Download Tool.
 7. After the Customer Screen appears and the machine power on cycle has completed, switch the IOT off, wait 15 seconds and switch the power on.
- NOTE:** A 3- 397 (S/ N failure) fault code may be displayed. This message will go away when the following steps are performed.
8. Enter the Diagnostic mode again.

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CAUTION

Do not select initialize **Sys PWBA**.

9. Select **DC301** NVM Initialize, Select **Sys** Subsystem. Select **Start** to Initialize. Select **Yes** to confirm.
10. Select **DC131** and reset the NVM to the Values identified in Table 1.

Table 1 Reset NVM Values

Chain-Link	Value	Description
719-002	XC = 2 XE = 3	Scanner Market
720-019	0 = XC 60 (NASG) 1 = XC 45 (NASG) 2 = XE 60 (Xerox Europe) 3 = XE 45 (Xerox Europe)	Product Code
720-024	0 = FX (Fuji Xerox) 1 = AP (Asian Pacific) 2 = XC (NASG) 3 = XE (Xerox Europe) 4 = other	Market Information
720-065	0 = Off 1 = On	Foreign Interface Device (FID) enable
720-071	XC = 0 XE = 1	APS Priority (inch/ metric)
720-074	XC = 4 XE = 6	APS Table select
720-197	0 = Off 1 = On	DFE disable with FID enable
720-954	1	Suppress Delete All Jobs command from DFE

NOTE: The serial number is located on the six-digit bar code label located on the lower frame behind the front doors.

11. Select **DC132** Serial Number Setting. If any PWBA serial number is different, follow the on screen instructions to set the serial number.

NOTE: A 3- 397 (S/ N failure) fault code may be displayed. The fault will be cleared after the machine is powered off in the following step.

12. Exit the Service Mode. The machine will return to the Customer Mode, wait for the Ready to Print, Ready to Scan to Print message to be displayed. Switch the machine power off, wait 15 seconds and switch the power on. Re-enter the Service Mode.
13. **Printer Only:** If this machine is configured as a printer, continue with Step 18.
14. **Printer/ Copier:** Enable the IIT and, if installed, the DADF:
 - a. Enter DC 131, 720- 049 and change the NVM Value to 1 Copier/ Printer.
 - b. Exit the Diagnostic Mode. The machine will return to the User Mode (Ready or Warming up – Please wait). Switch the machine power off, wait 15 seconds and switch the power on.
 - c. Re- enter the Diagnostic Mode. Enter DC 131, 719- 002 and change the NVM Value for Scanner Market (XC= 2, XE= 3).
 - d. **DADF not installed:** Continue with Step f.
 - e. **DADF Installed:** Enter DC131, 715- 125 and change the NVM value to 1 DADF. Exit the Diagnostic Mode. The machine will return to the User Mode (**Ready or Warming up – Please wait**). Switch the machine power off, wait 15 seconds and switch the power on. Re- enter the Diagnostic Mode, and then continue with Step f.
 - f. Perform **DC355** (Hard Disk Diagnostics). Select **Setup (Format)** to format the Hard Disks (Select all 4 partitions at once). Select **Yes** to delete the files
 - g. Select **Check Status** and **Start**. Check the results for each hard disk.

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15. Use the call close out procedure to run the system in various modes to verify the machine operation
16. Reference the DC 2045/ 2060 Service Manual and perform the procedures: ADJ 7.1, ADJ 7.2, and ADJ 7.3.
17. **Printer/ Copier:** Refer to the 2045/ 2060 Service Manual and check the following adjustments:
 - a. IIT Lead Edge Registration (ADJ 6.2)
 - b. IIT Side Registration (ADJ 6.3).
 - c. IIT Horizontal/ Vertical Magnification (ADJ 6.4)
 - d. DADF Side Registration (ADJ 5.1)
 - e. DADF Lead EDGE Registration (ADJ 5.5)
18. Perform the Max Setup ADJ 9.1.

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UI PWBA Software Download

1. Right mouse click in the **Download File List** to activate a pop-up menu.
2. Select **Delete All** to clear the contents of the Download File List.
3. Download the UI PWBA software.
 - a. Click **Connect**.
 - b. Select the CD- ROM Drive by clicking on the **Drive** pull down, then scroll to the drive where the software is located. If the CD- ROM drive letter is already displayed but not highlighted, click on the drive letter to highlight it.
 - c. Use the **Set Version** pull-down arrow to select **DC2045-2060 IOT v6.2.8E**.
 - d. Select the **Language**. If the correct language is displayed, click on the language.
 - e. Select the Machine Type **Copier** or **Printer**.
 - f. Click **Load List**, the files will be displayed in the **Download File List** window.
 - g. Right mouse click in the Document File List to open a pop-up menu.
 - h. Select **Remove Existing** to select only those files that differ from the currently loaded versions.
 - i. Click **Start Download**. Select **Yes** to continue.
 - j. Click **OK** when the Download Completed Successfully message is displayed.
 - k. Click the **Disconnect** button to exit the download tool. The machine will return to the customer mode.
4. Exit the Download Tool.
5. After the *User Mode screen* (Ready to Print, Ready to Scan to Print) appears and the machine power on cycle has completed, switch the IOT off, wait 15 seconds and switch the power on.

NOTE: A 3- 397 (S/ N failure) fault code may be displayed. This message will go away when the following steps are performed.

6. Enter the Diagnostic mode again.

CAUTION

*Do not select initialize **UI PWBA**.*

7. Select **DC301** NVM Initialize. Select **UI** Subsystem. Select **Start** to Initialize. Select **Yes** to confirm.
8. Select **DC131** and reset the NVM to the Values identified in Table 1.

Table 1 Reset NVM Values

Chain-Link	Value	Description
700-075	0 = Off 1 = On	Auto Tray Switching
700-077	2 2 3 3	XC DC2060 XC DC2045 XE DC2060 XE DC2045
700-082	0 = 2045 1 = 2060	Greeting Screen
700-086	XC = 0 XE = 0	Reduction/ Enlargement Preset 1
700-087	XC = 3 XE = 4	Reduction/ Enlargement Preset 2
700-088	XC = 5 XE = 8	Reduction/ Enlargement Preset 3
700-089	XC = 13 XE = 14	Reduction/ Enlargement Preset 4
700-090	XC = 18 XE = 18	Reduction/ Enlargement Preset 5
700-091	XC = 20 XE = 20	Reduction/ Enlargement Preset 6

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Chain-Link	Value	Description
700-100		1 st Language
	0	English - Japanese
	0	English - Spanish
	0	English - French
	0	English - Italian
	0	English - German
	0	English - Portuguese
	0	English - Dutch
	2	French - German
	2	French - Dutch
700-101		2nd Language
	1	English - Japanese
	5	English - Spanish
	2	English - French
	4	English - Italian
	3	English - German
	6	English - Portuguese
	7	English - Dutch
	3	French - German
	7	French - Dutch
700-105	0 = mm/dd/yyyy	Date Format
	1 = dd/mm/yyyy	
	2 = yyyy/mm/dd	
700-106	0 = 12 hour	Time Format
	1 = 24 hour	
700-111	0	0 = TKO Off 1 = TKO On
		NOTE: Set TKO to off until TKO Training is complete.

Chain-Link	Value	Description
700-905	0 = FX (Fuji Xerox) 1 = AP (Asian Pacific) 2 = XC (NASG) 3 = XE (Xerox Europe) 4 = other	Market Code
700-916	0 = 2045 1 = 2060	SFIDA Classification

NOTE: The serial number is located on the six-digit bar code label located on the lower frame behind the front doors.

9. Select **DC132** Serial Number Setting. If any PWBA serial number is different, follow the on screen instructions to set the serial number.

NOTE: A 3- 397 (S/ N failure) fault code may be displayed. The fault will be cleared after the machine is powered off in the following step.

10. Exit the Service Mode. The machine will return to the Customer Mode, wait for the Ready to Print, Ready to Scan to Print message to be displayed. Switch the machine power off, wait 15 seconds and switch the power on.
11. Use the call close out procedure to run the system in various modes to verify the machine operation

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Yahoo (IPS) PWBA Software Download

1. Right mouse click in the **Download File List** to activate a pop-up menu.
2. Select **Delete All** to clear the contents of the Download File List.
3. Download the Yahoo (IPS) PWBA software.
 - a. Click **Connect**
 - b. Select the CD- ROM Drive by clicking on the **Drive** pull down, then scroll to the drive where the software is located. If the CD- ROM drive letter is already displayed but not highlighted, click on the drive letter to highlight it.
 - c. Use the **Set Version** pull-down arrow to select **DC2045-2060 IOT v6.2.8E**.
 - d. Select the **Language**. If the correct language is displayed, click on the language.
 - e. Select the Machine Type **Copier** or **Printer**.
 - f. Click **Load List**, the files will be displayed in the **Download File List** window.
 - g. Right mouse click in the **Download File List** to open a pop-up menu.
 - h. Select **Remove Existing** to select only those files that differ from the currently loaded versions.
 - i. Click **Start Download**. Select **Yes** to continue.
 - j. Click **OK** when the Download Completed Successfully message is displayed.
 - k. Click the **Disconnect** button to exit the download tool. The machine will return to the customer mode.
4. Exit the Download Tool.
5. After the Customer Screen appears and the machine power on cycle has completed, switch the IOT off, wait 15 seconds and switch the power on.
6. Enter the Diagnostic mode again.
8. Exit the Service Mode. The machine will return to the Customer Mode, wait for the Ready to Print, Ready to Scan to Print message to be displayed. Switch the machine power off, wait 15 seconds and switch the power on. Re-enter the Service Mode.
9. **Printer/ Copier:** Enable the IIT and, if installed, the DADF:
 - a. Enter DC 131, 720-049 and change the NVM Value to 1 Copier/ Printer.
 - b. Power the machine off then on.
 - c. Exit and re- enter DC131.
 - d. **DADF Installed:** Enter 715-125 and change the NVM value to 1 DADF, switch the machine off then on, then continue with Step e.
DADF not installed: Continue with Step e.
 - e. Perform **DC355** (Hard Disk Diagnostics). Select **Setup (Format)** to format the Hard Disks (Select all 4 partitions at once.) Select **Yes** to delete the files.
 - f. Select **Check Status** and **Start**. Check the Hard Disk results for each disk.
10. Use the call close out procedure to run the system in various modes to verify the machine operation
11. Reference the DC 2045/ 2060 Service Manual and perform the procedures: ADJ 7.1, ADJ 7.2, and ADJ 7.3.
12. **Printer/ Copier:** Refer to the 2045/ 2060 Service Manual and check the following adjustments:
 - a. IIT Lead Edge Registration (ADJ 6.2)
 - b. IIT Side Registration (ADJ 6.3)
 - c. IIT Horizontal/ Vertical Magnification (ADJ 6.4)
 - d. DADF Side Registration (ADJ 5.1)
 - e. DADF Lead EDGE Registration (ADJ 5.5)
13. Perform the Max Setup.

CAUTION

*Do not select initialize **Post-IPS PWBA**.*

7. Select **DC301** NVM Initialize. Select **Post-IPS** Subsystem. Select **Start** to Initialize. Select **Yes** to confirm.

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Pre-IPS (IISS) PWBA Software Download

1. Right mouse click in the **Download File List** to activate a pop-up menu.
2. Select **Delete All** to clear the contents of the Download File List.
3. Download the Pre-IPS (IISS) PWBA software.
 - a. Click **Connect**
 - b. Select the CD- ROM Drive by clicking on the **Drive** pull down, then scroll to the drive where the software is located. If the CD- ROM drive letter is already displayed but not highlighted, click on the drive letter to highlight it.
 - c. Use the **Set Version** pull-down arrow to select **DC2045-2060 IOT v6.2.8E**.
 - d. Select the **Language**. If the correct language is displayed, click on the language.
 - e. Select the Machine Type **Copier** or **Printer**.
 - f. Click **Load List**, the files will be displayed in the **Download File List** window.
 - g. Right mouse click in the **Download File List** to open a pop-up menu.
 - h. Select **Remove Existing** to select only those files that differ from the currently loaded versions.
 - i. Click **Start Download**. Select **Yes** to continue.
 - j. Click **OK** when the Download Completed Successfully message is displayed.
 - k. Click the **Disconnect** button to exit the download tool. The machine will return to the customer mode.
4. Exit the Download Tool.
5. After the Customer Screen appears and the machine power on cycle has completed, switch the IOT off, wait 15 seconds and switch the power on.
6. Enter the Diagnostic mode again.

CAUTION

Do not select initialize IISS PWBA.

7. Select **DC301** NVM Initialize. Select **IISS** Subsystem. Select **Start** to Initialize. Select **Yes** to confirm.
8. Exit the Service Mode. The machine will return to the Customer Mode, wait for the Ready to Print, Ready to Scan to Print message to be displayed. Switch the machine power off, wait 15 seconds and switch the power on. Re-enter the Service Mode.
9. **Printer/ Copier:** Enable the IIT and, if installed, the DADF:
 - a) Enter DC 131, 720- 049 and change the NVM Value to 1 Copier/ Printer.
 - b) Exit the Diagnostic Mode. The machine will return to the User Mode (Ready or Warming up – Please wait). Switch the machine power off, wait 15 seconds and switch power on.
 - c) Re-enter the Diagnostic Mode. Enter DC 131, 719- 002 and change the NVM Value for Scanner Market (XC= 2, XE= 3).
 - d) **DADF not installed:** Continue with Step f.
 - e) **DADF Installed:** Enter DC131, 715- 125 and change the NVM value to 1 DADF. Exit the Diagnostic Mode. The machine will return to the User Mode (**Ready** or **Warming up – Please wait**). Switch the machine power off, wait 15 seconds and switch the power on. Re- enter the Diagnostic Mode, and then continue with Step f.
 - f) Perform **DC355** (Hard Disk Diagnostics). Select **Setup (Format)** to format the Hard Disks (Select all 4 partitions at once). Select **Yes** to delete the files.
 - g) Select **Check Status** and **Start**. Check the results for each Hard Disk.
10. Use the call close out procedure to run the system in various modes to verify the machine operation.
11. Reference the DC 2045/ 2060 Service Manual and perform the procedures: ADJ 7.1, ADJ 7.2, and ADJ 7.3.

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12. **Printer/ Copier:** Refer to the 2045/ 2060 Service Manual and check the following adjustments:
 - a. IIT Lead Edge Registration (ADJ 6.2)
 - b. IIT Side Registration (ADJ 6.3).
 - c. IIT Horizontal/ Vertical Magnification (ADJ 6.4)
 - d. DADF Side Registration (ADJ 5.1)
 - e. DADF Lead EDGE Registration (ADJ 5.5)
14. Perform the Max Setup.