

# Service Bulletin (revision 2)



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## MicroPress® System Software version 7.0.1.2i

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### About this Service Bulletin

Welcome to MicroPress, version 7.0.1.2i! This service bulletin will acquaint you with the current version of MicroPress. You will learn about (1) the many powerful features of the software and (2) any known issues that might affect system performance.

### Features

Features in the 7.0.1.2i release include:

#### **New Printer Support:**

- **PrintStation 5151c:** Support for Canon imageRUNNER C5180 / C4580 / C4080 using imagePASS-H1  
*Note:* It is strongly recommended that the imagePASS-H1 is not used as a standalone controller when used as a Micropress connector. The imagePASS-H1 standalone features are not supported when the imagePASS-H1 is converted to a MicroPress connector. The imagePASS standalone functionality may conflict with the MicroPress functions. Failure to heed this warning may result in unpredictable results which may include but are not limited to lost or miscolated output and system instability.

### Supported Firmware

System support for this release includes:

#### **Ricoh PrintStations:**

- **PrintStation 0135r** with the following firmware versions:
  - System/Copy: 1.06.3
  - NMP Application: 0.1.9
  - Engine: B2345223D / 3.13:14
  - Required Memory: 512 MB
- **PrintStation 5560r** with the following firmware versions:
  - Server Version: 1.2.0
  - Patch Version: MP5

*Note: Once the approved patch version has been installed no other patches should subsequently be applied. Doing so may render the system unstable.*
- **PrintStation 060r** with the following firmware versions:
  - Engine Firmware P/#: CS3922
  - System/Copy: 1.18.1

- NMP Application: 0.3.1
- Engine: B1635127A / 5.20.1:35
- Required Memory: 384 MB
- **PrintStation 2432r** with the following firmware versions:
  - System/Copy: 1.19
  - NMP Application: 1.0.0
- **PrintStation 090r** with the following firmware versions:
  - For MicroPress 7.0.0.9 use:
    - System/Copy: 5.04.2
    - BIOS: K02EL00S
    - NMP Application: 0.4.4
  - For MicroPress releases before 6.3.0.4 use:
    - System/Copy: 4.02.1
    - BIOS: K02EL00S
    - NMP Application: 0.1.2
- **PrintStation 075r** with the following firmware versions:
  - System/Copy: 5.07-DM
  - NMP Application: 1.0.4
- **PrintStation 085r** with the following firmware versions:
  - PrintLink Firmware: 305-000604-19.bin
  - SICU Soft Version: 8.10
  - BCU Soft Version: 8.10
- **PrintStation 1351r** with the following firmware version:
  - PrintLink Firmware: 305-000947-20.bin
  - Main: B0235197MV1.15NA

### Canon PrintStations:

- **PrintStation 5151c** with the following firmware versions:
  - Connector Software: 1.02
    - Note:** *The controller must have server version 1.02 installed BEFORE the MicroPress is physically connected to the engine. Failure to do so may render the controller inoperable!*
  - Patch Version: 1-QXYGX
    - Note:** *MicroPress connectivity requires specific Fiery patches. General Fiery patches are not supported for MicroPress connectivity and therefore should not be installed.*
    - Loading a patch file other than that which is listed in this Service Bulletin may render the controller inoperable.*
  - Canon Engine Firmware for **iR C5180**
    - R-CON: 01.02
    - DC-CON: 01.03
    - PANEL: 00.02
    - MN-CONT: 10.16
- **PrintStation 0105c** with the following firmware versions:
  - Connector Software: MP0105c\_2.1a
    - Note:** *The controller must have connector version MP0105c\_2.1a installed BEFORE the MicroPress is physically connected to the engine. Failure to do so may render the controller inoperable!*
  - Canon Engine Firmware for **iR7105**

- R-CON: 01.22
- DC-CON: 10.03
- PANEL: 00.03
- MN-CONT: 11.02
- Canon Engine Firmware for **iR7086**
  - R-CON: 04.01
  - DC-CON: 02.02
  - PANEL: 00.03
  - MN-CONT: 02.04
- **PrintStation 1142c** with the following firmware versions:
  - PrintLink Firmware: 305-001390-15.bin
  - Canon Engine Firmware for **CLC1110**
    - R-CON: 1.04
    - DC-CON: 1.01
    - PANEL: 1.02
  - Canon Engine Firmware for **CLC1180** and **CLC1140**
    - R-CON: 3.01, 4.02
    - DC-CON: 3.02
    - PANEL: 3.02, 4.01
- **PrintStation 5050c** with the following firmware versions:
  - PrintLink Firmware for **5050c**: 305-000989-43.bin
  - Canon Engine Firmware for **CLC5100**
    - R-CON: 1.04
    - DC-CON: 2.02
  - Canon Engine Firmware for **CLC5000+**
    - R-CON: 2.02
    - DC-CON: 2.02, 3.02
  - Canon Engine Firmware for **CLC5000**
    - R-CON: 5.01, 7.02
    - DC-CON: 5.04, 7.01
  - PrintLink Firmware for **3939c**: 305-001282-22.bin
  - Canon Engine Firmware for **CLC4000**
    - R-CON: 1.04
    - DC-CON: 2.02
  - Canon Engine Firmware for **CLC3900+**
    - R-CON: 2.02
    - DC-CON: 2.02, 3.02
  - Canon Engine Firmware for **CLC3900**
    - R-CON: 1.02, 2.02
    - DC-CON: 1.04, 3.02
- **PrintStation 085c** with the following firmware versions:
  - Canon Engine Firmware for **iR8500, iR105, iR85, iR7200**
    - MN-CONT: 83.01
    - DC-CON: 10.06 (iR105 Only), 40.06 (All Others)
    - Boot ROM: 26.44

- Canon Engine Firmware for **iR85+, iR105+, iR8070, iR9070**
  - MN-CONT: 10.xx
  - DC-CON: 21.02 (iR105+/iR9070), 50.03 (iR85+/iR8070)
  - Boot ROM: 6.36
- **PrintStation 060c** with the following firmware versions:
  - PrintLink Firmware: 305-000919-10.bin
  - Canon Engine Firmware for **iR600**
    - DC-CON: 2.01
    - IP: 32.01
    - MFC: 30.01

### **Konica Minolta PrintStations:**

- **PrintStation 5050km2** with the following version:
  - Server version: 2.01 and 2.0 are both supported

*Note: The controller must have server version 2.01 or 2.0 installed BEFORE the MicroPress is physically connected to the engine. Failure to do so may render the controller inoperable!*
  - Patch version:
    - Server 2.01 requires Base Patch: 1-RP1E5
    - Server 2.0 requires Base Patch: 1-PUR26

*Note: MicroPress connectivity requires specific Fiery patches. General Fiery patches are not supported for MicroPress connectivity and therefore should not be installed.*

*Loading a patch file other than that which is listed in this Service Bulletin may render the controller inoperable.*
- **PrintStation 5050km** with the following version:
  - Server version: 1.1

*Note: The controller must have server version 1.1 installed BEFORE the MicroPress is physically connected to the engine. Failure to do so may render the controller inoperable!*
  - Patch version:
    - Base Patch: 1-GFDOT
    - Additional Patches: 1-JBPY1

*Note: MicroPress connectivity requires specific Fiery patches. General Fiery patches are not supported for MicroPress connectivity and therefore should not be installed.*

*Loading a patch file other than that which is listed in this Service Bulletin may render the controller inoperable.*
- **PrintStation 0105km** with the following firmware version:
  - IP Control: 82-0000
  - Image Control: 40-ACD0
  - Print Control: 40-UNA0

### **Cautionary Statements**

Cautionary Statements for this release include:

#### **Upgrading from MicroPress Release Version 6**

- **MicroPress Release Version 7 requires a new License Number.**
- When the MicroPress Setup dialog prompts for the License Number, the new Version 7 License Number can be pasted into the Variable Length edit.

## MicroPress Installation

- Before installing the system on a Microsoft XP server, you must disable screen saver hibernation. To disable screen saver hibernation:
  1. Right-click Windows XP desktop and select "Properties" from the pop-up menu to open the "Display Properties" dialog.
  2. Select the "Screen Saver" tab.
  3. Click the "Power" button.
  4. Select the "Power Schemes" tab.
  5. Set all time-out controls (i.e., power scheme settings) to "Never."
  6. Select the "Hibernate" tab.
  7. Check the "Disable hibernation" box.
  8. Click OK.

## Naming Convention: Illegal Characters

- The following characters cannot be used when naming PrintStations and/or Virtual Engines:  
? \ \* / : < > | , & '

## TrueEdit Remote Installation

- To view the help files for TrueEdit Remote please install Acrobat Reader on the client machine. The Acrobat Reader install is located on the MicroPress server under "\Micropress\Acroread".
- TrueEdit Remote needs to be reinstalled when upgrading from a previous version of the MicroPress.

## Chapter Name Character Limitation

- There is a limitation of 31 characters when naming chapters in PrintStation Manager and TrueEdit.

## Disable Job Validation: WARNING

- The **Disable Job Validation** function allows the user the ability to override constraints that prohibit the job from printing. Although, at times, some advanced workflows may benefit from this feature, generally its use is not recommended. Failure to follow this recommendation may result in physical damage to the print engine.

## Inserting Pre-Printed Color Pages: WARNING

- The following devices support the insertion of pre-printed color pages into a black-and-white print job. Though it is possible to use pre-fuser input trays to insert pre-printed color pages, **this is not recommended**. Failure to follow this recommendation may result in physical damage to the print engine.
  - PrintStation 0105km

## Forms

- Applying forms that are on page sizes that differ from the job page sizes may yield unexpected results.

## PrintStation 0135r

- Canceling a job from the engine control panel will have no affect on MicroPress. All job control must occur from the PrintStation Manager. If a job must be cancelled then the cancellation request must originate from the PrintStation Manager.
- The engine will allow a user to make copies while it is printing a job from the MicroPress. Making copies while the engine is printing a MicroPress job **should be avoided**.
- If the engine is being used to make copies while the MicroPress is connected to it, the MicroPress will not report that the copies are being made. It is required that the copier not be in operation when a MicroPress job is to be printed.
- **Advanced Settings.** The following advanced settings are recommended for use only when necessary.
  - **Single Job Accelerator:** To perform some functions like subsets and tab ejects, the PSM has to break up a single job into many smaller sub jobs. By design, the PSM will wait until a sub job finishes printing before sending the next sub job. Setting "Single Job Accelerator" to "True" allows the PSM to send each sub job without waiting for each sub job to print. This setting is an engine performance enhancement. Default setting is TRUE.

- **Disable Advanced Feed Tray Warnings:** This setting can filter out warnings concerning paper tray setting of disabling “Autoselect” and “Duplexing”. The operator can enable/disable these paper tray settings from engine’s control panel. Default Setting is FALSE.
- **Validate Media Types in Trays:** Setting this option to “False” allows the PrintStation Manager to submit jobs to the engine when the job media type does not match that which is configured for the tray. The default setting is “True”. Note: this setting has no effect if the job is using Autoselect.
- **Validate Paper Size in Trays:** Setting this option to “False” allows the PrintStation Manager to submit jobs to the engine when the job paper size does not match that which is configured for the tray. The default setting is “True”. Note: this setting has no effect if the job is using Autoselect.
- **Wide LCT Installed:** The engine tells the PrintStation Manager that the LCT is installed or not. However; the engine does not distinguish between the regular and wide LCT. Setting this option to “True” identifies that the LCT is the Wide one so proper validation can be performed.
- When an error occurs (Paper out, Jam, etc...) when printing to the engine, the engine does not always report that there is paper left in the finisher. Make sure that paper path has actually been completely cleared before continuing to print.

### PrintStation 5560r

- If an “admin” password is set on the Fiery controller then it is necessary to set the corresponding password within the PSM. This may be performed from the “**Settings**” tab page. Failure to set the password within the PSM will result in communications failure with the device.
- **Device Settings.** The following device settings are recommended for use only when necessary.
  - **Multiple Job Accelerator:** When multiple jobs are in the waiting state this feature will allow the PrintStation Manager to begin printing the next waiting job while the engine is outputting the prior job. By design, the PSM will wait until a job finishes printing before sending the next job. Setting “Multiple Job Accelerator” to “True” allows the PSM to send each job without waiting for the prior job to print. This setting is an engine performance enhancement. Default setting is FALSE. Note that if Multiple Job Accelerator is enabled then Error Recover will be disabled and Abort/Suspend may not work as expected.
- **Advanced Settings.** The following advanced settings are recommended for use only when necessary.
  - **Reset Engine Configuration:** This output type uses SNMP to gather specific status information about the device. The PrintStation Manager will “intelligently learn” how to gather status in the most efficient means possible. However, at times, the device status may appear to report erroneous information. Setting “Reset Engine Configuration” to “True” and restarting the PrintStation Manager will repair the status information. The default setting is “False” and should remain as “False” except when requesting a status reset.
  - **Interleave Planes:** This device type has the ability to receive image data as separate color planes or interleaved planes. The default setting is “True” meaning that interleaved planes will be used. This mode maximizes the engines output speed. However, under rare circumstances, degradation in image quality may appear. Should this occur, setting this option to “False” may correct this problem although potentially at the cost of reduced output speed.

### PrintStation 060r

- Canceling a job from the engine control panel will have no affect on MicroPress. All job control must occur from the PrintStation Manager. If a job must be cancelled then the cancellation request must originate from the PrintStation Manager.
- The engine will allow a user to make copies while it is printing a job from the MicroPress. Making copies while the engine is printing a MicroPress job **should be avoided**.
- If the engine is being used to make copies while the MicroPress is connected to it, the MicroPress will not report that the copies are being made. It is required that the copier not be in operation when a MicroPress job is to be printed.
- **Advanced Settings.** The following advanced settings are recommended for use only when necessary.
  - **Single Job Accelerator:** To perform some functions like subsets and tab ejects, the PSM has to break up a single job into many smaller sub jobs. By design, the PSM will wait until a sub job finishes printing before sending the next sub job. Setting “Single Job Accelerator” to “True” allows the PSM to send each

sub job without waiting for each sub job to print. This setting is an engine performance enhancement. Default setting is TRUE.

- **Bypass Set to Face Up:** Bypass has the ability to output face up or down in simplex mode based on this setting. However; paper sizes that cannot be duplexed by will output face up automatically. Default Setting is FALSE (Face Down).
- **Disable Advanced Feed Tray Warnings:** This setting can filter out warnings concerning paper tray setting of disabling "Autoselect" and "Duplexing". The operator can enable/disable these paper tray settings from engine's control panel. Default Setting is FALSE.
- **Use Fake Duplexing:** This setting improves the performance of the engine by putting a back side to duplex pages which do not have a back side. Putting on the back side allows the engine to print continuously without having to clear its paper path to print simplex pages. This effects duplex jobs only. Default setting is FALSE.
- **Validate Media Types in Trays:** Setting this option to "False" allows the PrintStation Manager to submit jobs to the engine when the job media type does not match that which is configured for the tray. The default setting is "True". Note: this setting has no effect if the job is using Autoselect.
- **Validate Paper Size in Trays:** Setting this option to "False" allows the PrintStation Manager to submit jobs to the engine when the job paper size does not match that which is configured for the tray. The default setting is "True". Note: this setting has no effect if the job is using Autoselect.
- When an error occurs (Paper out, Jam, etc...) when printing to the engine, the engine does not always report that there is paper left in the finisher. Make sure that paper path has actually been completely cleared before continuing to print.

### PrintStation 2432r

- The "Bypass" tray supports simplex jobs and can only output to the "Copy" tray or "External" tray.
- When the print engine jams, all of the pages that are inaccessible to the user, will be ejected to the "Copy" tray by the engine. These eject pages must be removed from the job if the output destination of the job was the "Copy" tray.
- The "External" destination tray supports simplex jobs. Duplex jobs will be redirected to a destination tray that supports duplex.
- The first page output on a 1200 dpi job may take up to 3 minutes depending on the time it takes the engine to do its 1200 dpi calibration and color adjustments.
- When printing at 1200DPI the printer will runs at half the rated speed.

### PrintStation 090r

- Canceling a job from the engine control panel will have no affect on MicroPress. All job control must occur from the PrintStation Manager. If a job must be cancelled then the cancellation request must originate from the PrintStation Manager.
- **"Add Covers..."** is now found as a feature such as merge or imposition under the job menu. To find "Add Covers" right click on a job and it will be displayed with the other job features. "Add Covers" is now applied to the job through a script that inserts the page(s) to the job, similar to a page being added using the "Insert/Delete Pages" feature. The pages are applied directly to the job and cannot be removed by any other means than deleting that page from the job. Please note that multiple covers can be added to job by using the "Add Covers" feature multiple times. If this occurs the only way to remove the extra covers is to delete the pages from the job.
- When an error occurs (Paper out, Jam, etc...) when printing to the engine, the engine does not always report that there is paper left in the finisher. Make sure that paper path has actually been completely cleared before continuing to print.
- The engine will allow a user to make copies while it is printing a job from the MicroPress. Making copies while the engine is printing a MicroPress **job should be avoided**.
- If the engine is being used to make copies while the MicroPress is connected to it, the MicroPress will not report that the copies are being made. It is required that the copier not be in operation when a MicroPress job is to be printed.

- When upgrading the System/Copy firmware to 5.04.2 please check with the printer manufacturer to get the correct firmware for the Printer/Scanner. If the correct version is not installed at the same time the scanner will not work.
- **Advanced Settings.** The following advanced settings are recommended for use only when necessary.
  - **Single Job Accelerator:** To perform some functions like subsets and tab ejects, the PSM has to break up a single job into many smaller sub jobs. By design, the PSM will wait until a sub job finishes printing before sending the next sub job. Setting "Single Job Accelerator" to "True" allows the PSM to send each sub job without waiting for each sub job to print. This setting is an engine performance enhancement. Default setting is FALSE.
  - **Disable Advanced Feed Tray Warnings:** This setting can filter out warnings concerning paper tray setting of disabling "Autoselect" and "Duplexing". The operator can enable/disable these paper tray settings from engine's control panel. Default Setting is FALSE.
  - **Use Fake Duplexing:** This setting improves the performance of the engine by putting a back side to duplex pages which do not have a back side. Putting on the back side allows the engine to print continuously without having to clear its paper path to print simplex pages. This effects duplex jobs only. Default setting is FALSE.
  - **Validate Media Types in Trays:** Setting this option to "False" allows the PrintStation Manager to submit jobs to the engine when the job media type does not match that which is configured for the tray. The default setting is "True". Note: this setting has no effect if the job is using Autoselect.
  - **Validate Paper Size in Trays:** Setting this option to "False" allows the PrintStation Manager to submit jobs to the engine when the job paper size does not match that which is configured for the tray. The default setting is "True". Note: this setting has no effect if the job is using Autoselect.

### PrintStation 075r

- Jams may occur if the size of the paper set at the engine does not match the paper size selector on the tray.
- "Add Covers..." is now found as a feature such as merge or imposition under the job menu. To find "Add Covers" right click on a job and it will be displayed with the other job features. "Add Covers" is now applied to the job through a script that inserts the page(s) to the job, similar to a page being added using the "Insert/Delete Pages" feature. The pages are applied directly to the job and cannot be removed by any other means than deleting that page from the job. Please note that multiple covers can be added to job by using the "Add Covers" feature multiple times. If this occurs the only way to remove the extra covers is to delete the pages from the job.
- The engine will allow a user to make copies while it is printing a job from the MicroPress. Making copies while the engine is print a MicroPress job should be avoided.
- If the engine is being used to make copies while the MicroPress is connected to it, the MicroPress will not report that the copies are being made. It is required that the copier not be in operation when a MicroPress job is to be printed.
- When printing thick or transparency media type from the bypass tray, these pages will always be face up. All other media types will be face down.

### PrintStation 1351r

- The PrintLink must be turned ON after the server. If the server is always ON then there is no problem, also if there is a hub or switch there is no problem, however if the server is turned OFF and a cross-over cable is in use, the power will need to be cycled on the PrintLink or turn OFF the PrintLink with the server.
- The PrintLink may take up to 2 minutes to boot up.
- The LED on the PrintLink will light when the PrintLink has booted up, it can be flashing or on steady.
- The LCD panel on the printer will show the engine name (i.e., "Y1") when it is communicating properly. If not, "Please Wait" will display. If the LCD panel is blank then this could indicate a problem with the printer's interface unit.
- The Reset button has two functions; A) if pressed after the 1351 PrintLink is booted up then a test page will output on the printer, or B) if pressed during power on, then factory defaults will be restored on the PrintLink (this includes the IP address restored to 10.10.10.2).

## PrintStation 5050km2

- PrintStation 5050km2 uses the same license as previous PrintStation 5050km. PrintStation 5050km2 requires Connector version 2.01 or 2.0. A new installation of MicroPress sets 5050km2 as the default PrintStation. If using Connector version 1.1, MicroPress must be reconfigured for 5050km. Note however, upgrading from an existing version of MicroPress with 5050km configured, will not require reconfiguration.
- Clustering is not compatible between the 5050km2 and the 5050km.

## PrintStation 0105km

- If a job containing post inserts jams and the engine times out, error recovery may not work as expected. This is because the Post Insert pages in the PSM are not actual pages, and therefore not counted by the engine when ejected.
- When Media Type is changed at the engine (Paper Setting/Tray Setting/Tray #, Change, Type); it is also required that either weight, colored paper, or hole punch also be changed for the status to be sent to the PSM and be reflected on the Physical Engine Trays, Media Type.
- When the PSM displays that the Perfect Binder Main Tray is full, either the Perfect Binder Stacker is full, or there is paper inside the Perfect Binder.
- All job containing subsets and Post Insert or Color Insert Pages will now give the following warning, "Jobs containing Post Insert pages and Subset Finishing may not print correctly."
- Post Inserter tray configuration (Paper Size, Media Type, and Weight) in Perfect Bind Cover Mode is not sent to PSM. If a PSM job requires a Post Insert Tray to be used for the Perfect Bind Cover, the PSM will warn the user to check the Perfect Bind Cover Mode settings for the Post Insert Tray settings.
- Jobs will not begin to print immediately after submission from the PrintStation Manager. This is usually a result of Spool Mode being enabled on the engine. Disabling Spool Mode will correct this issue.
- Print jobs may pause in the Printing (">>") state. After a couple of minutes, printing will resume and complete successfully. This problem is usually a result of having "Spool Mode" enabled on the engine. This problem can be avoided by disabling Spool Mode. Please refer to the setup instructions included with the connectivity kit.
- Tab jobs may eject unused tabs twice. To fix this issue, you must disable "Needless Tab Paper Exit". Please refer to the setup instructions included with the connectivity kit.

## PrintStation 5151c

- It is strongly recommended that the imagePASS-H1 is not used a standalone controller when used as a Micropress connector. The imagePASS-H1 standalone features are not supported when the imagePASS-H1 is converted to a MicroPress connector. The imagePASS standalone functionality may conflict with the MicroPress functions. Failure to heed this warning may result in unpredictable results which may include but are not limited to lost or miscolated output and system instability.
- MicroPress connectivity requires use of specific Fiery patches. General Fiery patches are not supported for MicroPress connectivity and therefore should not be installed. Loading a patch file other than that which is listed in this Service Bulletin may render the controller inoperable.
- If post time post timeout error recovery is desired, it is recommended not to use the Stack Bypass tray. If running a job with tabs, it is recommended to replenish an empty Stack Bypass tray before post timeout occurs.

## PrintStation 0105c

- Job Cancellation should only be performed from the MicroPress. Jobs that are canceled/interrupted from the printer or printlink may cause unexpected results.
- Toner Saving appears to have minimal to no affect at 1200 dpi. At 1200 dpi, Toner Saving is employed by setting Toner Density to "1" at time of print. Therefore, the amount of toner reduction is dependent on the current Toner Density setting. For higher values of Toner Density the amount of savings will be greater. At Toner Density value "1" Toner Saving will have no affect.
- **Advanced Settings.** The following advanced settings are recommended for use only when necessary.
  - **Error Job if Paper Not Available:** Setting this value to TRUE stops job going to engine if the paper is not available.

## PrintStation 085c

- Job Cancellation should only be performed from the MicroPress. Jobs that are canceled/interrupted from the printer may cause unexpected results.

## Resolved Issues with MicroPress Components

Resolved issues for this release include:

### PrintStation Manager (PSM)

- **PrintStation 0105c:**
  - When setting Z-Fold ON for a mixed Letter, Letter Tab and 11x17 job, an inappropriate red validation error would occur stating that "A media type in the job does not support the folding type selected". This occurred as a result of the tabstock media. Since only the 11x17 pages are Z-Folded then this option shall be allowed.
  - When punching a job with tab ejects (i.e. using 3 out of 5 tabs) only the first copy would be punched. Successive copies would not be punched.

## Known Issues with MicroPress Components

Known issues for this release include:

### Media Manager

- It is best to close the Media Manager before modifying PSM job properties. Though the Media Manager can run continuously, it is recommended that it be closed once all media mappings have been configured.

### Print Drivers

- The Microsoft PostScript print driver distributed with MicroPress attempts to display device features by parsing the PPD file and in some situations displays inaccurate information. This is a display issue only and does not affect performance. Examples of inaccurate information include two sided printing, stapling and rated speed.

### PrintStation Manager (PSM)

- File sizes over 4GB in PSM will display an incorrect file size. This does not affect performance. To avoid the incorrect information use Split After (in Virtual Engine Defaults) to create smaller jobs. It may be necessary to increase the memory settings in the RIP.
- **Auto Paper Select option** does not include a printer's Manual Tray (Stack Bypass, etc.) in determining which feed tray to pull paper from.
- **Changing media or feed tray option:** Changing media or feed tray then clicking Cancel will produce unpredictable results.
- **Importing media types with the same name** into the Media Catalog will result in multiple media types with the same name.
- **Media Manager**
  - **When importing or exporting DSF media types** using the Media Manager, in the DSF web server address field you must enter the "DSF" part of the URL in all capital letters and end the address with a forward slash ("/"). For more information on using the Media Manager, consult the *MicroPress User Guide*, section "Using the Media Manager."
  - **When importing media types from DSF into MicroPress**, you must map the media to the engine. For instance, the default media type in DSF is "US Letter White," which corresponds to the MicroPress default media type "Plain." In the Media Manager, map the DSF media type to the MicroPress media type plain following these steps: (1) Select the media type to map in the "Media Display Name" pane. (2) Click the "Engine Media Types" tab. (3) Single-click to select the row for the engine you want to map the media type to. (4) Click in the "Media Type Column" and select "Plain" from the pull-down list.

- **Numbering**
  - **Numbering** - The largest number you can enter **without commas** when using the PSM's Numbering feature is 2147483647. The workarounds are either to: (1) add commas to the number 2,147,483,647 or (2) use a hyphen (-) in the number, as in 21474-83647. In the latter case, when the PSM begins numbering, it looks at the number as if it were 83647 and starts numbering from there.
  - **Numbering large jobs** (i.e., that exceed 2 gigabytes in size) can cause the PrintStation Manager to shut down.
  - **Numbering** - When applying numbering to **LetterR and A4R jobs** created by certain client applications the number will appear upside down. This is due to the orientation in which the client application sends the job. This can be corrected by using the Tumble or Rotate features before using Numbering. Check to see if this course of action is needed by using preview to view the job.
- **Scale and Rotate can cause the PSM to shut down when running out of hard disk space.**
- Many applications display **paper sizes** in the print dialog that appear synonymous with supported paper sizes when in fact they are not supported. For instance, we support 'LetterR', but not 'Letter-R' or 'Letter Rotated'. If you select one of the unsupported paper sizes, the job may not produce expected results in the PSM.
- **Mail Merge / Apply Forms feature** - If you execute Mail Merge or Apply Forms features on a job that is set up as "Split Color and Black and White," the job will no longer have an icon.
- **Split Color Jobs and Forms** - Be aware that sending Split Color Jobs to virtual engines (VEs) that have Forms turned on may yield unexpected results.
- **TrueEdit**
  - Once you modify a job in TrueEdit (like adding tabs), that job cannot then be moved to another VE within TrueEdit, the Move option is grayed out. The job can be moved using Drag/Drop in the MicroPress or in Explorer.
  - If you create a chapter and select "Insert Page," the system will insert a page after every page in the chapter instead of inserting a single page after the chapter. "Insert Page After" is applied at page level rather than chapter level (unlike PSM).
- **RIP:** MP-RIP only supports PDF levels 1.4 and older.
- **PrintStation 0135r:**
  - Edge-to-edge printing will result in a unprinted area, approximately 3-5mm wide, along all four edges of the page
  - When a job requiring chapter stapling and separation pages between chapters is printed, some of the separation pages are offset approximately 16mm relative to the other pages.
  - Setting the "**Offline**" command from the engine control panel will have no affect on MicroPress. The MicroPress is not able to detect the offline setting on the engine and will continue to send print jobs to an engine in the offline state.
  - Setting the "Job reset" command on MFP's panel is ignored by MicroPress.
  - When Z-folding mixed page sized jobs containing "A4 and A5" or "Letter and Statement", the A4/Letter images must be rotated to A4R/LetterR before print.
  - Stapling is not supported when GBC punch is enabled on the job.
  - Use of the Copy or Printer functions while the engine is being used by the MicroPress may cause unexpected results. It is recommended that this combination be avoided.
  - PSM may still report paper in finisher after the paper has been removed. Re-cycle engine power to remove.
- **PrintStation 5560r:**
  - To insure color quality, some PDF documents may require selecting "**Print As Image**" in the "**Advanced**" print dialog window.
  - Printing a tab job with tab ejects and stapling will result in the job remaining in the "printing" state upon completion. While the job completes successfully, the PSM doesn't send the job to the printing state and thereby enabling the next job to begin printing. Aborting the "hung" job will release the job and thus allow the next waiting job to begin printing.

- Multiple copies of a two page duplex job with booklet staple may be stapled as a single set. This is likely a result of Multiple Job Accelerator being enabled. If this should occur it is recommended that Multiple Job Accelerator be disabled.
- For some complex workflows (such as the use of tab ejects) jogging operation may not occur as expected due to the PSM's need to create sub-jobs. If this occurs and "set identification" is necessary then it is recommended that copy and/or job separators be used.
- When **archiving**, it is recommended that you use MSM archiving rather than PDF archiving. PDF archiving can cause unpredictable results or not complete successfully.
- **Staple jobs** will not begin printing until all pages within the staple set are spooled at the engine.
- **PrintStation 060r:**
  - When an engine jam exists the PrintStation Manager may display incorrect jam locations. Should this issue occur it is recommended that jam locations be identified from the engine's LCD panel instead of the PrintStation Manager.
  - Setting the "**Offline**" command from the engine control panel will have no affect on MicroPress. The MicroPress is not able to detect the offline setting on the engine and will continue to send print jobs to an engine in the offline state.
  - Setting the "Job reset" command on MFP's panel is ignored by MicroPress.
  - When Z-folding mixed page sized jobs containing "A4 and A5" or "Letter and Statement", the A4/Letter images must be orated to A4R/LetterR before print.
  - Use of the GBC Punch finishing option will result in a 180 degree rotation of the image at print time. While this rotation is necessary (so that the holes are punched on the left side of the paper) this rotation may result in incorrect Z-Folding and Stapling positions.
  - Use of the Copy or Printer functions while the engine is being used by the MicroPress may cause unexpected results. It is recommended that this combination be avoided.
  - Mailbox finisher is not supported with the MicroPress.
- **PrintStation 2432r:**
  - Job containing mixed 600 and 1200 dpi pages are not supported.
- **PrintStation 090r:**
  - Do not Abort or Suspend a subset staple job when Single Job Accelerator is enabled. If you do, you must power cycle the engine.
  - Setting the "**Offline**" command from the engine control panel will have no affect on MicroPress. The MicroPress is not able to detect the offline setting on the engine and will continue to send print jobs to an engine in the offline state.
  - Setting the "Job reset" command on MFP's panel is ignored by MicroPress.
  - When printing from a client currently there are no constraints on media and tray selection.
  - If **booklet stapling with covers** is set then the cover's size must match the size of the job. If they do not, then the job will not be booklet stapled.
  - After an **error timeout**, a job may print extra error separators when Group copy is selected.
  - When using **subset stapling and banked tabs**:
    - Tabs must be in order starting with position 1.
    - Tab ejects must be at the end of the job.
    - No tab positions can be skipped in the middle of a job
- **PrintStation 075r:**
  - If **booklet stapling with covers** is set then the cover's size must match the size of the job. If they do not, then the job will not be booklet stapled.
- **PrintStation 0105c:**
  - A Service Code may result from a paper jam in the Stack Bypass Tray. If a paper jam occurs while printing Tabloid stock, sourced from the Stack Bypass tray, the engine may enter into a Service Code state with the following error: E000537-8002. If this problem should occur it is recommended to print tabloid stock from either Tray 3 or Tray 4.

- When printing mixed size LetterR and Legal media with stapling or punching some pages may print 180 degrees rotated. Should this occur it will be necessary to pre-rotate job pages to achieve the desired output.
- **PrintStation 085c:**
  - **iR 105/8500/7200/85** Only
    - While printing a job to the Auto Select Destination Tray and one of the two finisher trays become full, the PrintStation Manager will prematurely show the engine as being in an error state. The current job will print to completion, however, waiting jobs will not begin printing until both finisher trays are emptied.
  - **iR 9070/8070/105+/85+** Only
    - If Tray A is selected as the "Tab Eject Tray", unused tab pages will not be ejected to the upper escape tray (top finisher exit). Instead, they will be ejected from the middle finisher tray and therefore collated with the print job. If automatic separation of unused tabs is required then it is recommended to set the Tab Eject Tray as Tray B and set the print job's destination to Tray A. A side affect of this solution will be slower print time due to the constant raising and lowering of the finisher trays.
    - Mis-collation may occur when printing a tab job with unused tab ejects if the destination tray is set to Auto Select. For tab jobs, it is recommended that the Auto Select destination tray is not used and instead **either Tray A or Tray B is selected**.
  - Systems running with the Windows Server 2003 Operating System may be unable to have two or more 085c PrintStations running simultaneously. Systems with Windows XP Operating System do not experience this issue. It is recommended to use Windows XP Operating System for MicroPress servers connecting to multiple 085c PrintStations.
  - When using Job Accounting (by means of the copier's Dept ID Management function) the "Dept ID" and "Password" must be set to a non-NULL value within the PrintStation Manager's device settings property page.
  - Mis-collation may occur when printing a job to the Auto Select Destination Tray that has the "Disable Printer Spooling" option checked. When using the Auto Select destination tray it is recommended to leave the "Disable Printer Spooling" checkbox clear (unchecked).
  - Printing a saddle stitch job with inserts pulled from the Inserter tray generates a service call on the engine. When saddle stitching it is not recommended that inserts are pulled from the Inserter tray. If inserts are required then a different tray should be used.
  - **Jobs with punching and/or jobs with landscape corner or double stapling** may finish incorrectly. To resolve the problems in the print driver (PPD), select the option 'Rotate -180 degrees'. If the job is already in the PSM, you may select the 'Tumble - All' option. It is not necessary to select Landscape or Portrait when printing a job. The data will arrive in the PSM with the proper orientation.
  - The user can only **suspend a job** while the engine is physically printing. They cannot suspend a job if the engine has run out of paper, jammed, etc
  - In order to correctly print **jobs over 16 pages with Subset Stapling and Saddle Stitch** the job must be divided into 2 jobs
  - **When printing a job that uses multiple sheets** from the Inserter tray (i.e., Covers or Pre-printed color pages) the job does not complete properly. The final output may only receive the first inserter sheet then the engine stops and reports WinAccessor errors. This is because the engine firmware setting that defines the Inserter function is set to its default value. The default value will only allow a front cover. To correct this issue a service technician must set the Inserter function, "COPIER>OPTION>USER>INS-C/S", to "1" or "multi inserter".
  - If a job is printing and is **interrupted from the control panel**, the job will not complete correctly.
- **PrintStation 5050c:**
  - During job printing, the engine may stop while the PrintStation Manager continues to report a "flashing green" light. It has been observed that on some rare occasions that this problem may occur. If this occurs it is recommended to abort the print job and power cycle the PrintLink.
  - **When printing more than 20 copies to the sort bin** the job may not resume correctly after the first 20 copies have been removed. If this occurs it is recommended that no more than 20 copies be submitted to the engine at one time.

- These printers do not support **free or irregular paper sizes** (i.e., you must use one of the preset supported paper sizes).
- **Jobs with stapling** set for corner, single, or double stapling **may finish incorrectly**. To resolve the problem in the print driver (PPD), select the option 'Rotate - 180 degrees'. If the job is already in the PSM, you may select the 'Tumble - All' option. Also, it is not necessary to select Landscape or Portrait when printing a job. The data will arrive in the PSM with the proper orientation.
- When 5050c printer is turned on, the **engine settings for the stack bypass** return to the default paper size and type. To change the stack bypass settings, enter the appropriate values on the engine LCD.
- Job separators are printing when the color targets are printed.
- A print job will be **missing one page** or will have a blank page at the end if the **interrupt key** has been pressed during the job.
- If a print job displays status as printing (>>) but the output device does not print, it may be due to the **stacker output tray being full**. In this case, please remove all sheets from the output tray or ensure that the output trays are cleared.
- Once a **print job resumes after an interruption** due to an engine jam the output may contain additional blank pages that are not part of the print job.
- After a **jam**, the engine may not recover unless the job is aborted or until the timeout setting has elapsed. On the display panel the engine will read, "Performing remote operations" until the PSM timeout period expires. This may be a result of the following combination of print job settings:
  - Copy Separator = ON
  - Paper Source = Upper Drawer
  - Copy Count = 2 (or greater) Copies
  - Destination = Any active destination
- To overcome this problem use the following driver settings instead of those mentioned above:
  - Paper Source = Automatically Select
  - Destination = AUTO (for B1 Finisher) or Non-sort Bin (for F2 Finisher)
- **PrintStation 060c:**
  - **On Windows 95/98, the Booklet Feature** does not reduce 'StatementR' or 'A5R' pages to fit on 'Letter/A4' paper. The pages are, however, imposed and in the right order.
  - These printers do not support free or irregular paper sizes (i.e., you must use one of the preset supported paper sizes).
  - **Jobs with punching and/or jobs with landscape corner or double stapling** may finish incorrectly. To resolve the problems in the print driver (PPD), select the option 'Rotate -180 degrees'. If the job is already in the PSM, you may select the 'Tumble - All' option. It is not necessary to select Landscape or Portrait when printing a job. The data will arrive in the PSM with the proper orientation.
  - Jobs with an **odd number of pages that are duplexed and in reverse order** will not print.
- **PrintStation 1142c:**
  - **A print job can be sent to the engine from the PSM even if** the interrupt key has been pressed.
  - There will be a loss of communication with the PrintLink if the **interrupt key** has been pressed twice while a job is being printed.
  - When the **paper tray is set to stack-bypass in the PPD** the job will be set to Auto Select in the PSM. To correct this set the tray selection in the PSM to stack-bypass.
  - A **communication error** will occur if a job is printed from a single engine VE with option(s) set for a finisher that is not attached.
- **PrintStation 0150i:**
  - Printing a job that has been copied and/or moved from a different Virtual Engine (VE) type may cause the system to enter an error state. If this occurs following a "media catalog" or "media mapping" type error then check the job's media mapping and verify that it is legal.

- When printing some custom paper sizes the PSM may interpret them as a standard size. If this occurs, simply re-select the desired paper catalog entry from the **Job Info Output Options** dialog before submitting the job to the engine.
- **PrintStation 0105km:**
  - Wide Paper - AutoSelect cannot be used for Rotated (short edge feed) Wide Paper sizes.
  - If the job is set to AutoSelect, short edge feed paper sizes will automatically be rotated to long edge feed if available.
- **PrintStation 5050km2:**
  - Autoselect does not pull from optional Large Capacity Tray (LCT). In order to pull pages from the LCT, it is necessary to set the Feed Tray to LCT.
- **PrintStation 5050km:**
  - Booklet folding tabloid full bleed (12x18) is not supported. Printing a 12x18 job with booklet folding will result in the job being outputted without folding/stapling.
  - Autoselect does not pull from optional Large Capacity Tray (LCT). In order to pull pages from the LCT, it is necessary to set the Feed Tray to LCT
  - Print jobs with the following characteristics or options applied will not print at the engine's rated speed:
    - Margin Offsets
    - Average page size of 13 MBs or greater
    - Stapling
  - The MicroPress is only able to **abort jobs** while the job is being sent to the controller. Once a job has been sent to the controller, it must be aborted from the engine.
  - **Error recovery** is not supported.
  - **Suspend** is not supported.
  - Engine cannot determine and report when the **output tray** is full.
  - **Engine status feedback** may not be reported correctly in all conditions (for example, reporting the amount of paper in the trays, finishing devices attached, toner out, etc.).
  - **Copy separators** and **punching** are not supported for jobs with front and back covers.
  - **Fold Only** and **Fold Only With Trim** options must be set manually in the PSM (they are not set automatically from the print driver).
  - After correcting any **error condition** (such as paper out, clearing a jam, adding toner, etc.), you must press **Start** when prompted on the engine control panel to continue printing the job. The job will not automatically restart.
  - When archiving it is recommended that you use MSM archiving rather than PDF archiving. PDF archiving can cause unpredictable results or not complete.
  - **TrueColor:** When printing jobs via one of the two scenarios listed below, the engine may hang during processing and not fully print the job. If this happens, try printing the job with the ToneCurveThumbnail page feature or by selecting the Thumbnail tone curve from TrueColor.
    1. From MP-RIP with the ToneCurveFullPage page feature enabled
    2. From TrueColor: Print Samples with all tone curves selected

## **Known Issues with Third-Party Applications**

Third-Party Application issues for this release include:

### **Adobe Acrobat 4.x**

- Printing PDF files from Adobe Acrobat 4.x may generate MicroSpool errors that are OPI (open prepress interface) related. The combination of Turbocharger and RIP Features will cause the job to print incorrectly.

### **Adobe PageMaker**

- Printing from PageMaker may produce a blank page at the end of the job.

## Adobe PDF Writer

- Filenames of PDF files generated with the PDF Writer will display in the PSM with unreadable characters and numerals.

## Quark XPress 4.0+

- Quark XPress 4.0+ converts original RGB image data into an undefined CMYK type at print time. This conversion will create undesirable renderings of some RGB images, notably all non-EPS types. To resolve this issue, use the PrintRGB Xtension. This Xtension allows Quark XPress 4.0+ to send the correct original RGB data at print time, as in prior versions of the application.

## WordPad

- Monochrome files printed to PDF may count as color jobs.

## Known Issues with Printing in MicroPress 7.0.1.2i

Printing issues for this release include:

### Printing PDFs

- **Printing PDFs** may lead to the following errors in **MP-RIP**, **MicroSpool**, or **Adobe Reader**:
  - **MP-RIP:**
    - Printing via Adobe Reader 3.x (or Acrobat 3.x) you get:  
**Acrobat Reader: Could not find the ColorSpace named 'Cs9'**  
**This file contains information not understood by the viewer.**  
*or*  
%%[ Error: ioerror; OffendingCommand: image; File: %ip:MP-RIP01% ]%%
    - Printing via opening the file directly into the RIP (MP -> Print File)...  
%%[ Error: rangecheck; OffendingCommand: CS(PDF) ]%%  
%%[ Flushing: rest of job (to end of file) will be ignored ]%%
  - **MicroSpool:**
    - The MicroSpool window opens in a minimized (iconic) state and cannot be restored by mouse-clicking the icon. If this occurs, right mouse click on the icon and select "Maximize."
    - Double-clicking on a job in the error state yields:  
**Status: Error while printing**  
**Print Time: Not Scheduled**  
**Error: Image File: Hard Drive2:EDG/photos:EDG/EGG Not Found**
  - **Procedure or Troubleshooting Steps:**
    1. Turn off file parsing in MicroSpool and attempt to print from Acrobat Reader again.
    2. Close MicroSpool.
    3. Start MicroSpool Configuration.
    4. Double-click the desired printer.
    5. Click the Advanced button.
    6. In the Output section, change the setting from "Postscript (use file parsing)" to "Binary Data (no file parsing)".
- **Printing certain PDFs** with the font **ArialMT** or **Arial-BoldMT** may result in text reflow or spacing issues or may error out in the **MicroPress RIP** with this message: "...font **Arial-BoldMT** not found"
  - **Procedure or Troubleshooting Steps:**
    - If printing PDF from Adobe Acrobat Reader version 3.0, try upgrading to Acrobat Reader version 4.0 (which is included with the latest version of MicroPress software). You can also try printing the PDF from the MicroPress server. If you download the file into MicroPress-RIP, Courier font may be substituted (which will most likely produce undesirable text spacing). You can prevent this by

configuring the RIP to not substitute Courier. By default, MP-RIP does not contain the Windows True Type 1 fonts Arial-BoldMT, or ArialMT.

- For best results, print the file via Adobe Acrobat Reader 4.0. Reader 4.0 will send the appropriate fonts or substitute Helvetica, which will yield nearly identical print results.

### Printing EPS files

- **EPS files** do not always have a **showpage command** (depending on the application that created it). Therefore, you might have to set the **showpage command** in the **RIP**.
  - **Procedure or Troubleshooting Steps:**
    1. Go to the page set up you are using to process the EPS file.
    2. Click Edit, then Options. When the Page Setup Options window opens, check the **showpage** option.

### Printing MAC Adobe Illustrator 8 files

- When you print a MAC Adobe Illustrator 8 file to the MicroPress RIP, PSM previews and prints the Courier font in place of all the fonts in the document.
  - **Procedure or Troubleshooting Steps:**
    - The RIP has an option that may cause some Illustrator files to incorrectly substitute Courier for an included font. The option can be found under Page Setups\Options\ Extras and is called "Don't let files silently substitute Courier for missing fonts." When this option is checked, the RIP sometimes substitutes Courier even though the font is included in the job. Newer versions will ship with this disabled.

### Printing collated documents from Microsoft Office applications and the Apple MAC LaserWriter

- When printing documents that require collation from MS Office applications (Windows or MAC) or the MAC LaserWriter, do not use the Collate option as this will override the collation setting (Gather Collate / Group) in the print driver.

### Printing Multiple Copies Produces One Combined Job

- When printing multiple copies of a document from a client application the result is often one single larger job. This is a result of the generic Microsoft PostScript driver allowing for devices with no hard disk not being able to store all pages of a job. Set copy count from the PrintStation Manager after single copy to verify output.

## Additional Information

Additional Information for this release includes:

### Supported Optional Equipment

System supports the following **Ricoh** equipment:

- **PrintStation 0135r**
  - Large Capacity Tray
  - Wide Large Capacity Tray
  - Tray 7
  - Interposer
  - Punch Units (US 2 and 3 hole, EU 2 and 4 hole, and NEU 4 hole) - *Not available with 135ppm model*
  - GBC Punch Unit
  - BK5000 Booklet Finisher
  - BK5010 (SR100) Booklet Finisher
  - SR5000 Finisher
  - Z-Folding Unit

- **PrintStation 060r**
  - Large Capacity Tray
  - SR841 3000 Sheet Finisher with 100 Sheet Stapler
  - SR850 3000 Sheet Finisher with 50 Sheet Stapler
  - SR861 3000 Sheet Finisher with Saddle Stitch
  - Z-Folding Unit: Type 2105
  - GBC Punch Unit
  - Interposer
- **PrintStation 085r**
  - RT42 Large Capacity Tray
  - SR810 Finisher with 100-Sheet Stapler
- **PrintStation 1351r**
  - ST33 20-Bin Sorter/Stapler
  - RT36 Large Capacity Tray
- **PrintStation 2838r**
  - SR770 Finisher (EDP400542)
  - PT460 Multi-bin (EDP 400568)
  - Punch Kit Type 1045 (EDP 410785)
- **PrintStation 075r**
  - Large Capacity Tray
  - Interposer
  - Booklet Finisher
  - Finisher 3000M (SR850 Finisher w/50 Sheet Stapler and SR860 50 Sheet Finisher with Saddle Stitch)
  - Finisher 3000B
  - Punch Units (US 2 and 3 hole, EU 2 and 4 hole, and NEU 4 hole)
  - Proof Tray
- **PrintStation 090r**
  - RT46 Large Capacity Tray
  - Multi Bypass Tray Type 2105
  - Interposer
  - SR860 Booklet Finisher (for Aficio 2090 only)
  - SR840 Finisher with 100-Sheet Stapler
  - Jogger Type 1075 (SR840 only)
  - Punch Units (US 2 and 3 hole, EU 2 and 4 hole, and NEU 4 hole)
  - GBC Punch Unit
  - SR90 Booklet Finisher
  - SR841 Finisher
  - Z-Folding Unit Type 2105
- **PrintStation 2432r**
  - Tray 3
  - Tray 3 and 4
  - Tray 3 (LCT)
  - Left Tray 1 and 2
  - 2 Tray Finisher
  - Booklet Finisher

- Punch Units (US 2 and 3 hole, EU 2 and 4 hole, and NEU 4 hole)
- **PrintStation 5560r**
  - Large Capacity Tray
  - SR841 Staple Finisher
  - SR970 Staple Finisher
  - SR980 Booklet Finisher
  - SR90 & SR90+ Booklet Finisher
  - Cover Interposer Tray
  - 9-bin Mailbox
  - Hole Punch Unit

System supports the following **Canon** equipment:

- **PrintStation 5151c**
  - Small Paper Deck
  - Finisher-W1
  - Saddle Finisher-W2
  - Finisher-X1 (Portrait Corner Staple only)
  - Inner Puncher
- **PrintStation 0105c**
  - Large Paper Deck
  - Small Paper Deck
  - Document Insertion Unit-C1 (for Finisher)
  - Finisher-V1
  - Saddle Finisher-V2
  - Paper Folding Unit-D1 (Z-fold)
  - Inner Puncher
  - Professional Puncher-A1
  - Booklet Trimmer-B1
- **PrintStation 060c**
  - Finisher-D1
  - Saddle Finisher-D2
  - Cover Insertion unit-A1 (option for Saddle Finisher-D2)
  - Paper Folding Unit –B1 (option for Saddle Finisher-D2)
  - Paper Deck-C1
- **PrintStation 085c**
  - Finisher-K1, FinisherK2
  - Saddle Finisher-K3
  - Saddle Finisher-K4
  - Cover Insertion unit-B1 (option for Saddle Finisher-K3 or -K4)
  - Paper Folding Unit –C1 (option for Saddle Finisher-K3 or -K4)
  - Paper Deck-M1 (8070/85+/7200/8500/85)
  - Paper Deck-N1 (9070/105+/105)
  - Paper Deck-S1 (9070/105+/105)
  - Paper Deck-T1 (8070/85+/7200/8500/85)
  - Canon Booklet Trimmer-A1

- **PrintStation 5050c**
  - Stapler Sorter F2
  - CLC5000 Buffer Pass Unit
  - CLC5000 Buffer Cover
  - CLC5000 Paper Deck-J1
  - CLC5000 Paper Deck-K1
  - B-1 Stacker Finisher
  - CLC5100 Paper Deck-R1
- **PrintStation 1142c**
  - Stapler Sorter-F2 with Buffer Pass Unit, Paper Deck-E1

System supports the following **Konica Miolta** equipment:

- **PrintStation 5050km2**
  - BizHub Pro C500
    - LT-211 LCT
    - FS-513 Stapler Finisher
    - FS-606 Booklet Finisher
    - PI-110 Post Sheet Inserter
    - PK-507/PK-508 Punch Kit
    - TU-109 Trimmer Unit
- **PrintStation 0105km**
  - PF-701 Paper Feeder Unit
  - LS-501/LS-502 Large Capacity Stacker
  - FS-503 In-Bin Stapler Finisher
  - FD-501 Folding Unit
  - SD-501 Booklet Maker
  - PB-501 Perfect Binder Finisher
- **PrintStation 5050km**
  - BizHub Pro C500
    - LT-211 LCT
    - FS-513 Stapler Finisher
    - FS-606 Booklet Finisher
    - PI-110 Post Sheet Inserter
    - PK-507/PK-508 Punch Kit
    - TU-109 Trimmer Unit
  - ColorForce 8050
    - LT-211 LCT
    - FS-115 Stapler Finisher
    - FS-215 Booklet Finisher
    - PI-110 Post Sheet Inserter
    - PK-120 Punch Kit for 3 hole punch
    - TU-109 Trimmer Unit

## System Requirements

- For Windows XP Professional and 2003 Server, the following Operating System features **must** be disabled:
  - Automatic Updates
  - Windows Firewall
- It is recommended that Microsoft Windows 2000 with service pack 3 or greater be used.
- It is recommended that **MicroPress 7.0.1.2i** be run on systems with at least a single Intel PIII 800 MHz processor and **512 MB RAM for BW jobs**. EFI recommends that **MicroPress 7.0.1.2i** be run on systems with at least a single Intel PIII 800 MHz processor and **1 GB RAM for color jobs**. Version 7.0.1.2i can be run on 500 MHz systems but performance may suffer.
- It is recommended that **TrueEdit Remote** be run on systems with at least a single Intel PIII 800 MHz processor and **512 MB RAM for BW jobs**. EFI recommends that **TrueEdit Remote** be run on systems with at least a single Intel PIII 800 MHz processor and **1 GB RAM for color jobs**.

## Installation Guides

- Installation guides can be viewed and printed from the Documentation CD.