

## **PaperStream IP (TWAIN) for SP Series change history**

### **V2 Service Update 1**

#### **Version 2.12.0**

##### **New features:**

1. Windows Server® 2008 Standard has been removed from supported OS list.
2. Automatic Profile Selection has been added.
3. Through our unique image processing technology, it now outputs black and white images which are appropriate for OCR processing.
4. Software Operation Panel  
Energy Star® 3.0 is now supported. The maximum period of time which the scanner automatically moves to power saving mode has been changed from 235 to 115 mins.

### **Service Update 8**

#### **Version 1.62.0**

##### **New feature:**

1. Color Adjustment has been added.  
(SP-1120, SP-1125, SP-1130, and SP-1425 only)

##### **Improvement:**

1. Accuracy in automatic rotation has been improved in scanning business-card-size documents with background pattern in color under the setting where [Page] under [Rotation] is set to [Automatic].  
(SP-1120, SP-1125, SP-1130, and SP-1425 only)

## **Service Update 7**

### **Version 1.52.0.6553**

#### **Improvement:**

1. Low resolution images have less noise now.  
(SP-1120, SP-1125, and SP-1130 only)

#### **Corrected issue:**

1. Minor errors have been modified.

### **Version 1.46.0.5900**

#### **Corrected issue:**

1. Minor errors have been modified.

### **Version 1.46.0.5775**

#### **New feature:**

1. SP-1425 is newly supported.

### **Version 1.46.0.5765**

#### **New features:**

1. Added the [Margin] function to [Blank Page Detection], which allows to set the (width of) margin area from the document edge which will not be screened for the blank page detection.
2. Added the [Automatic] feeding function to [Continuous Scan], whereby the scan starts automatically after loading documents on the ADF chute.

3. Added the [JPEG Compression] function.
4. Added the [Color Distinction] function to [Automatic Color Detection], whereby a document printed on a background color paper can be processed as a monochrome document.
5. Added the [Switch by Code Sheet] function to [Image Mode], which allows to switch the image type for the output during scanning.
6. Added the [Front/Back Merging] function which combines front and back side of paper into one page.
7. Added the [Statistic Information] function which allows to collect scanning information such as the scanner model used or the number of images outputted by the scanner.
8. Added the [Left to Right] function to [Print Direction] in [Digital Endorser]. It enables to print a text from left to right.
9. Added the [Background] function to [Deskew] in [Cropping]. It enables to specify the document color as background color.

#### **Improvements:**

1. Accuracy of detecting barcodes in documents where two or more barcodes exist has been improved.
2. The window to select a scanner has been added to the Software Operation Panel. The scanner to configure can be selected during startup of Software Operation Panel when two or more scanners are connected.
3. Improved the followings in [Assisted Scan] window:
  - Only selectable buttons are displayed in [Automatic Color Detection] switch button.
  - Changed [Save Profile] option to a button.
  - Improved button layout in an Arabic environment.
4. Other improvements.

#### **Corrected issues:**

1. Fixed the problem that an application may end abnormally when modules of PaperStream IP are loaded.
2. Fixed the problem that [Select Scanner] is not available in some applications.

3. Fixed the problem that PaperStream IP may not function correctly if the user name that is being logged on to the computer includes characters other than alphanumeric characters.
4. Fixed the problem that insufficient memory error may occur when specifying [Scanning Area] and scan long page.
5. Fixed the problem that an image rotated by 180 degree may be outputted when back-side scanning is configured.
6. Fixed the problem that the PaperStream IP driver may not be able to respond when an error occurs in the following Triplets:
  - DG\_CONTROL/DAT\_USERINTERFACE/MSG\_ENABLEDS
  - DG\_CONTROL/DAT\_USERINTERFACE/MSG\_ENABLEDSUIONLY
7. Fixed other problems.

## **Service Update 4**

### **Version 1.13.3.5281**

#### **New feature:**

1. The WIA driver for SP-1120/SP-1125/SP-1130 has been supported.

#### **Corrected issue:**

1. Fixed an issue where Scan button events cannot be configured.

## **Service Update 3**

### **Version 1.8.2.3471**

#### **Added improvements:**

Changes in Assisted Scan

1. Added [Marquee Zoom] to.

2. Added the feature to switch the rotation direction to.
3. Added the feature to change the Auto color detection results to.
4. Added the blank page notification feature to.
5. Added [Rescan] to.
6. Added the feature to change the window size of.
7. Replaced the [Restore Original], [Undo], and [Redo] buttons with the respective icons in.
8. Moved the [Save Profile] button into the [Option] button which is newly added.

#### Changes in other features

1. Added [Black & White Dots Ratio] in the [Blank Page Detection] methods.
2. Added a link to “Product Support website” in the Start Menu.

#### **Corrected issues:**

1. Fixed the defect that the driver window may appear in a place where the user cannot operate when it is reopened in multi-display environment. This occurs after the driver window is closed and then the number of displays is reduced or the arrangement of the displays is changed before the window is reopened.
2. Fixed the defect that the existing exported file is lost when using the Scanning Profile Exporter and cancelling the overwriting of the file.
3. Fixed the defect that the application may stop responding when the user scans, selecting the profile where [Color by Length] is enabled, in a scanner which [Color by Length] is not supported.
4. Fixed the defect that a horizontally-striped-pattern image may be outputted in black and white.
5. Fixed the defect that the scanning profile cannot be switched from the SDK application with the standard user authority.
6. Fixed the defect that the driver window cannot display or that scanning is not available with a particular application.
7. Fixed the defect that [Automatic Size] in [Cropping] does not become available in some applications that set “ICAP\_AUTOMATICDESKEW” to PaperStream IP.

8. Moved the indicator during scanning from the center of the main display to the center of the application window.
9. Fixed the defect that the error message “Processing error occurred with the scanner.” is notified if a different data type from the TWAIN agreement is set to “CAP\_XFERCOUNT”.

## Service Update 2

### Version 1.7.2.2942

#### Added improvements:

1. The following changes have been made in the user interface of the driver dialog:
  - Revised the design of the icon for switching between normal/simple screen to be more user friendly.
  - Revised the expression of the message in the [Preview] window.
2. Revised [Blank Page Skip] feature to [Blank Page Detection]:
  - Enable to specify whether a blank page is outputted or not.
  - Added the feature to notify the result of [Blank Page Detection] in the application (supported by API) when specifying to output a blank page.
  - Enable to detect a page with a bleed-through as a blank page by judging the outputted image when performing duplex scan.
3. Revised the feature to specify [Scanning Area]:
  - Enable to specify the [Scanning Area] even when selecting [Automatic Size] for [Cropping].
  - Added the feature to specify individual [Scanning Area] in the case when each scan setting for multiple images is configured separately; and when [Multi Image Output], [Automatic Color Detection], [Paper Length Detection], and [Use separate settings for front and back side] are ON.

- Enable to specify the timing of cropping [Scanning Area] in [Configuration]: whether to crop image before or after rotation can be selected by configuring the setting of [Rotation].
- 4. Revised the feature of [Barcode Detection]:
  - Enable to specify [The maximum number of barcodes to be detected per page] to up to 20.
- 5. Added the link to the support webpage in the Start Menu

**Corrected issues:**

1. Fixed the defect that the driver may stop responding with [Scanning...] displayed in the window when restarting the scan after paper jam occurred.
2. Fixed the defect that the driver screen may exceed the display area in the specified applications.
3. Fixed the defect that the counter value of [Digital Endorser] is initialized when performing continuous scan without displaying the driver dialog.
4. Fixed the defect that PaperStream IP may stop responding when using Web applications to scan.
5. Fixed the defect that the setting option for Flip Type in Rotation setting does not appear when [Automatic selection] is specified for Paper Source setting and [Both Sides] for Feeder Scan Side setting.