Kodak Capture Pro Version 5.3
Release Notes

Overview

Upgrading to Version 5.3

Additional and Changed Scanner Support

New Features, Enhancements, Improvements

- Support of Scanner Bar Code Reading
- Stop on Feature Patch for i5x50 Scanners
    - Ability to switch Page Setups on-the-fly during scanning
    - Ability to switch Job Setups on-the-fly during scanning
- Optional PDF Import engine for handling other types of PDFs (e.g., fill-in forms)
- Output e-mail with multiple attachments
- Double Data Entry indexing on bar code/OCR index fields
- Other miscellaneous enhancements

Problems Fixed

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Upgrading to Version 5.3 (1)

Stand-Alone Installations

- The customer's **Capture Pro Software Serial Number** must be entitled to the 5.3 release
  - **The Entitlement Date (or Software Assurance Expiration Date) must be November 1, 2016 or later**

- To upgrade, download the installer **(CapProSW_5_3_0.exe)** file from www.kodakalaris.com/go/captureprodownload and run it.
  - **The installer will automatically upgrade an existing Capture Pro install to Version 5.3.0**
  - **An Internet connection is required during the upgrade as the Kodak Alaris license server will generate a new 5.3.0 license**

Product Name	Customer Name	Dongle ID / Computer ID	Sales Order Number	Product Serial Number	Service Contract	Service Contract Expiry	CPP BP Number	P20 BP Number	EAMER BP Number	Created	License
Capture Pro 5.3.0	KODAK ALARIS INTERNAL USE DI	59587b6cb78a57d3e5f58dec173947bfac89		5700921967	Full	Dec 01, 2016		EBMX000004		Nov 16, 2016	8d70...42dd1

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Upgrading to Version 5.3 (2)

Network Edition Installations

- Both the NE Server and the NE Client workstations must be upgraded to Version 5.3 at the same time.
    - You cannot run a Version 4.x or 5.2 client workstation with a Version 5.3 NE Server
    - You cannot run a Version 5.3 client workstation with a Version 4.x or 5.2 NE Server
- To upgrade, download the installer files from www.kodakalaris.com/go/capturepronedownload and run them
    - IIS on the Network Edition Server must be STOPPED prior to the upgrade and RESTARTED after the upgrade

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Additional and Changed Scanner Support (1)

KODAK Alaris Scanner Support Additions

KODAK i5650S   **Group F**
**KODAK i5850S**   **Group G**

Support for the new Sorting features of the i5x50S scanners is available in **Job Setup**
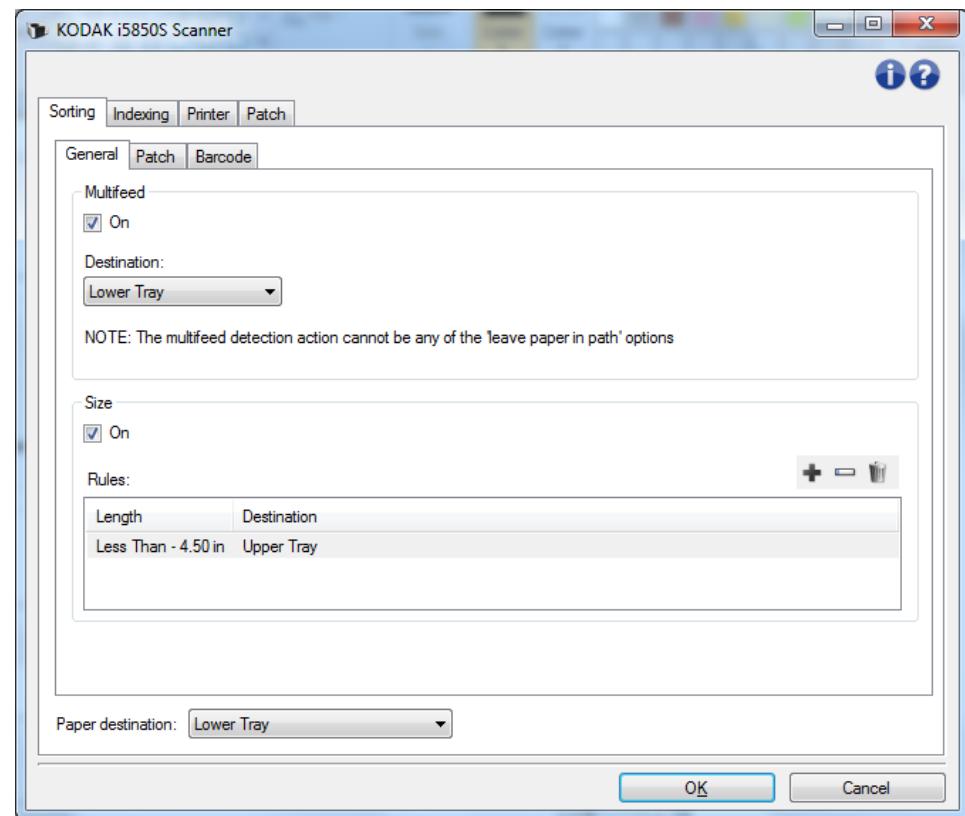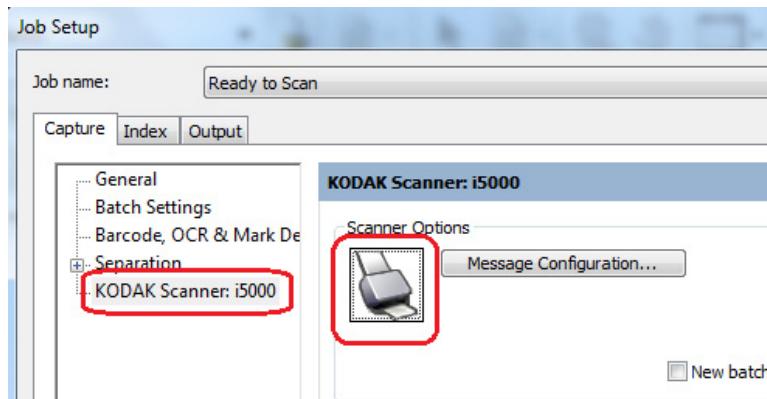
Additional and Changed Scanner Support (2)

Support for the i5650S and i5850S   (continued)

The **default Paper destination** for the scanner must be specified as part of the **Page Setup** (i.e., TWAIN driver settings in the scanner settings profile)
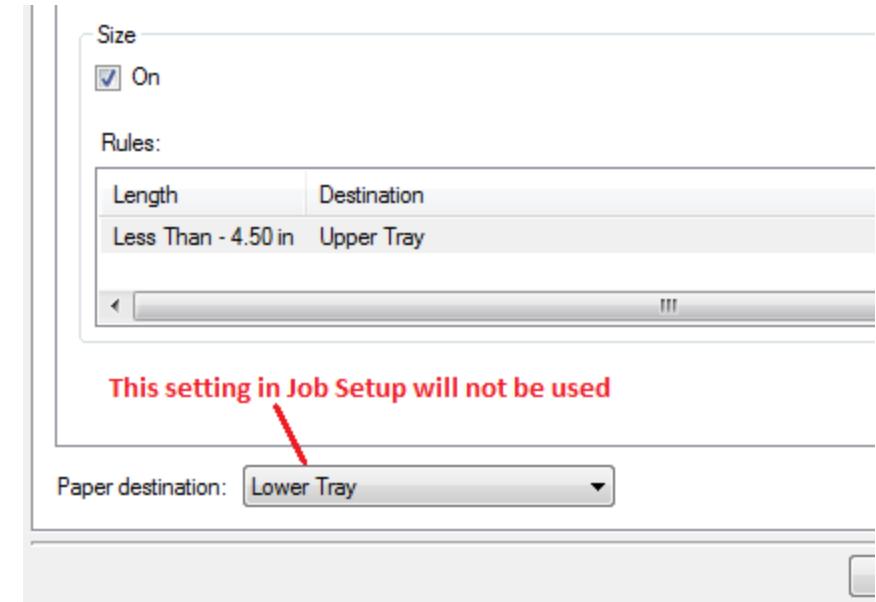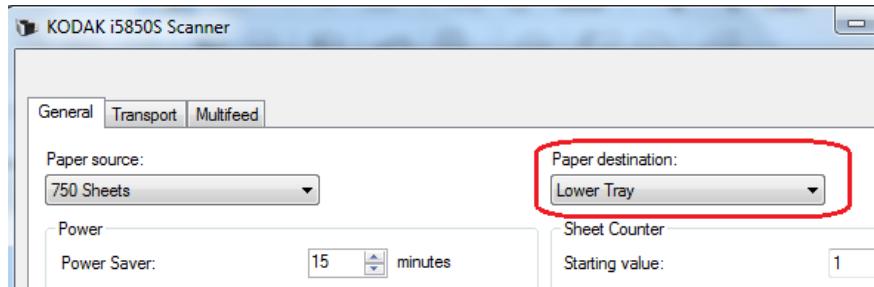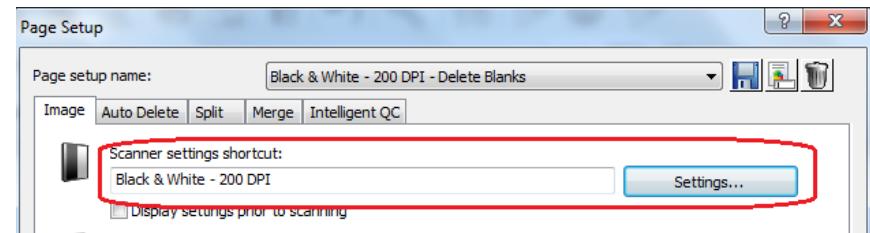
Additional and Changed Scanner Support (3)

3rd Party Scanner Support Additions

Avision AD230	Group A
Avision AD240	Group A
Avision AD250	Group B
Avision AD260	Group A
Avision AD280	Group B
HP Scanjet 4500	Group A

Complete list of supported scanners can be found at:

www.kodakalaris.com/go/kcsscannersupport

Group Changes

Panasonic KV-2087	from	Group D	to	Group B

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New Features and Enhancements (1)

Support of Scanner Bar Code Reading

- Support bar code reading from all Kodak Alaris scanners that have bar code reading capabilities

- If the scanner supports bar code reading then Capture Pro will use the scanner bar code read results when assigning to index fields or performing document separation

- For scanners that perform bar code reading in the **scanner hardware** (i4x50 and i5x50 Scanners), **the advantages are**:
    - **More accurate** bar code read results on challenging bar codes due to bar code reading performed on higher resolution images before image downscaling and iThresholding etc…
    - **Better throughput** on bar codes that could cause slow downs when read in software in Capture Pro (e.g., QR Codes)

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New Features and Enhancements (2)

Support of Scanner Bar Code Reading (continued)

- Bar code zone setup and configuration does not change for the system administrator
  - Still performed in Job Setup using the same GUI
  - "Behind the scenes" Capture Pro will programmatically configure scanner bar code reading if the scanner supports bar code reading and the bar code type configured for the zone(s)
  - If the scanner does not support bar code reading or does not return a read result for any of the configured zones then Capture Pro will automatically perform the bar code reading for those zones
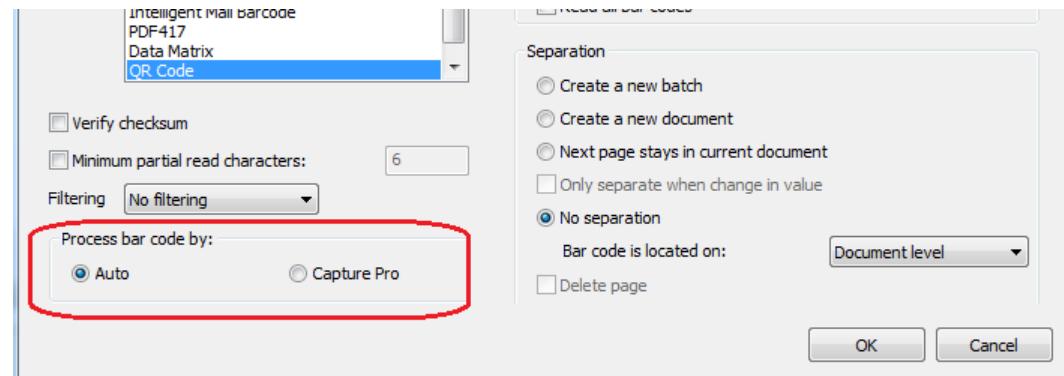
- New option to force bar code reading to be done only in Capture Pro
  - By default, any new bar code zones that are defined will be set to Auto
  - When upgrading to Version 5.3 from a previous release, all currently existing bar code zones are set to Capture Pro

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New Features and Enhancements (3)

Support of Scanner Bar Code Reading (continued)

- Any bar code settings configured in the Page Setup (i.e., TWAIN driver scanner settings profile) are <u>not used</u> and are overwritten by Capture Pro
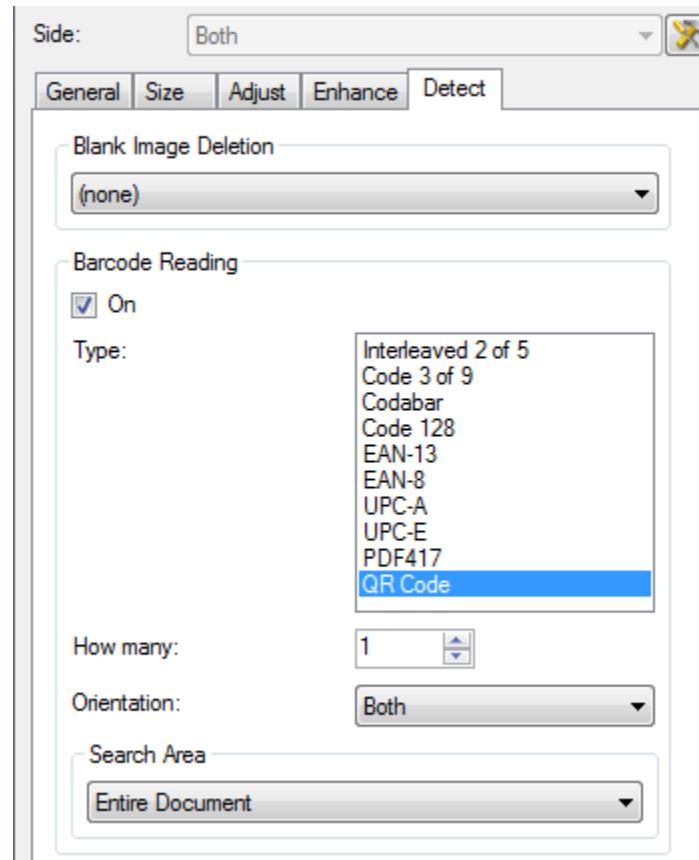
New Features and Enhancements (4)

Stop on Feature Patch for i5x50 Scanners

- **Provides the ability for Capture Pro to automatically switch Job Setups or Page Setups without any operator intervention**

- **Takes advantage of the i5x50 Scanner feature that was introduced in March 2016**
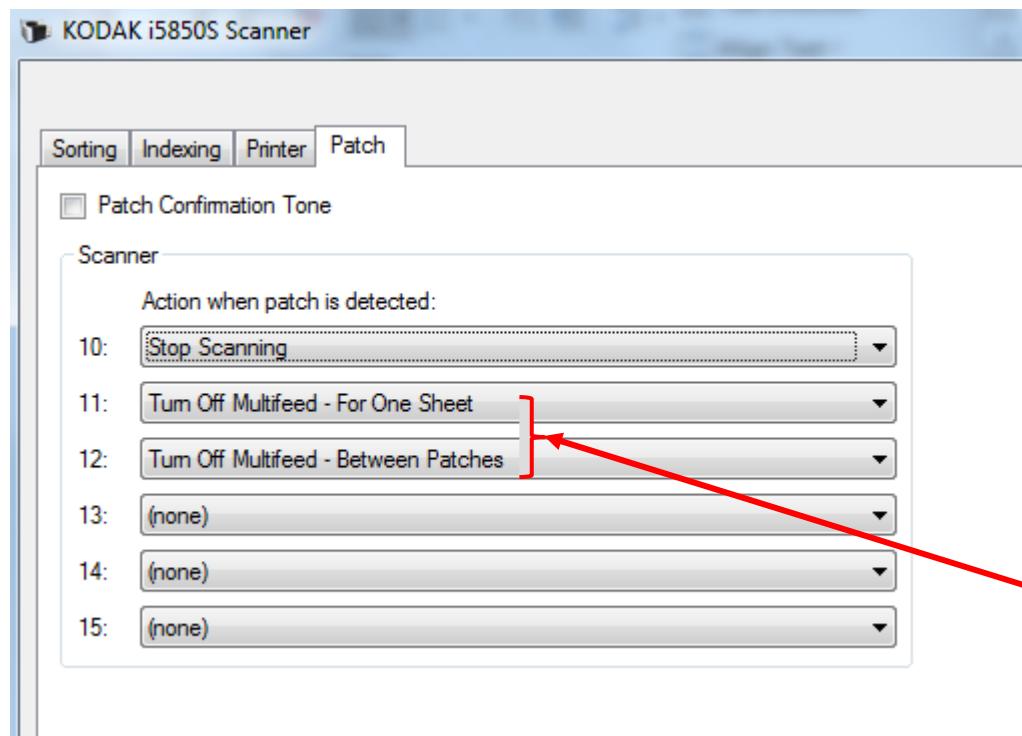
- **TWAIN driver GUI configuration is shown here – accessible in Job Setup in Capture Pro**

- **Capture Pro provides it's own configuration GUI for one of the Feature Patch Types (i.e., 10-15)**

- **Stop Scanning will be programmatically enabled for the Feature Patch type specified (see next slide)**

- **The other Feature Patch actions may be configured in Job Setup using a different Patch Type than the one specified in Capture Pro**

New Features and Enhancements (5)

Stop on Feature Patch (continued)

- **Enabled in new menu option from the main screen**
  - **If attached scanner does not support Feature Patch then option will be grayed out**
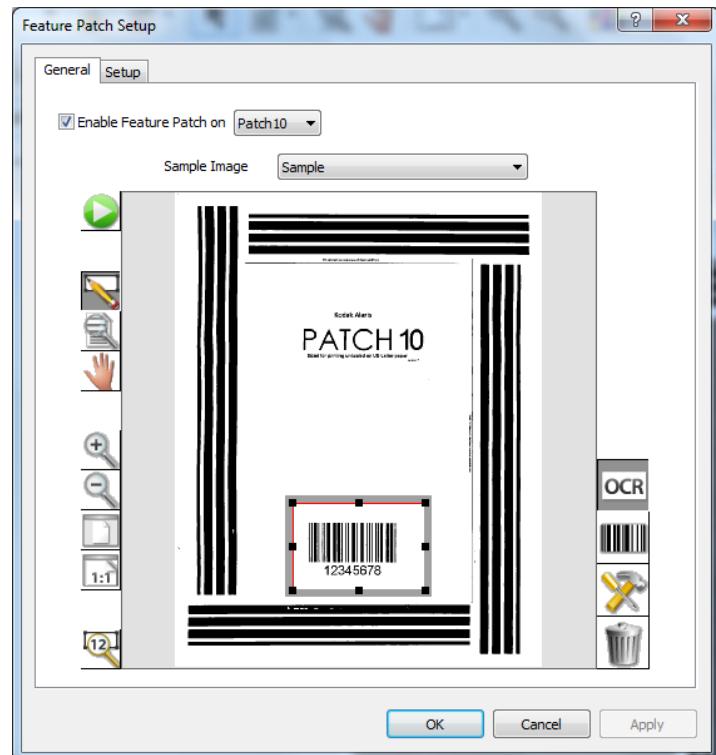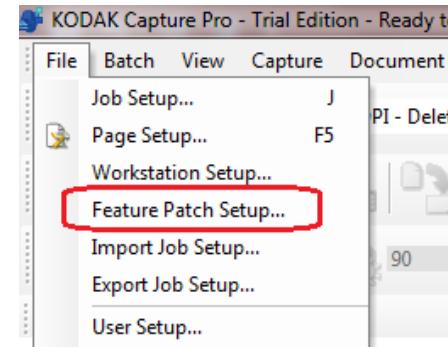
Configuration Steps

1) **Select the Feature Patch Type** – only one patch type can be used per workstation

2) **Scan a sample page** and name the file

3) **Draw a bar code or OCR zone** where the Page Setup/Job Setup information will be placed on the Feature Patch sheets – only one zone can be defined

4) **Configure the bar code/OCR zone** as necessary (see next slide)

5) **Define the rules for switching Job Setups and Page Setups** when a Feature Patch is detected (see slide after next)

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New Features and Enhancements (6)

Stop on Feature Patch (continued)

- **Configuring the bar code/OCR zone**
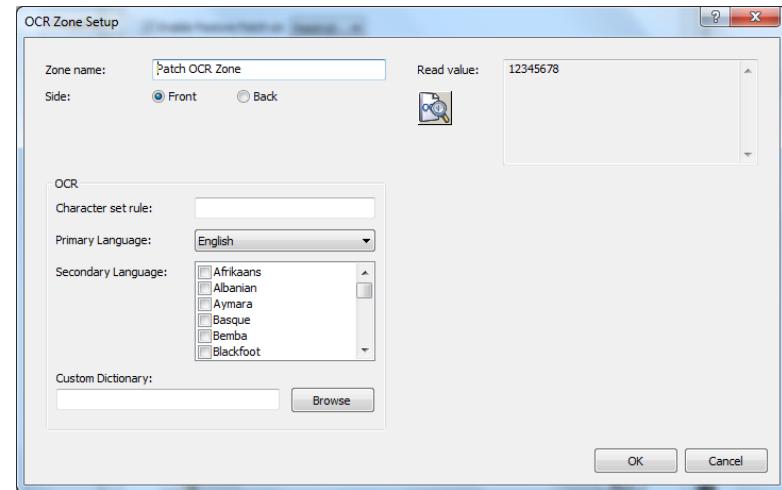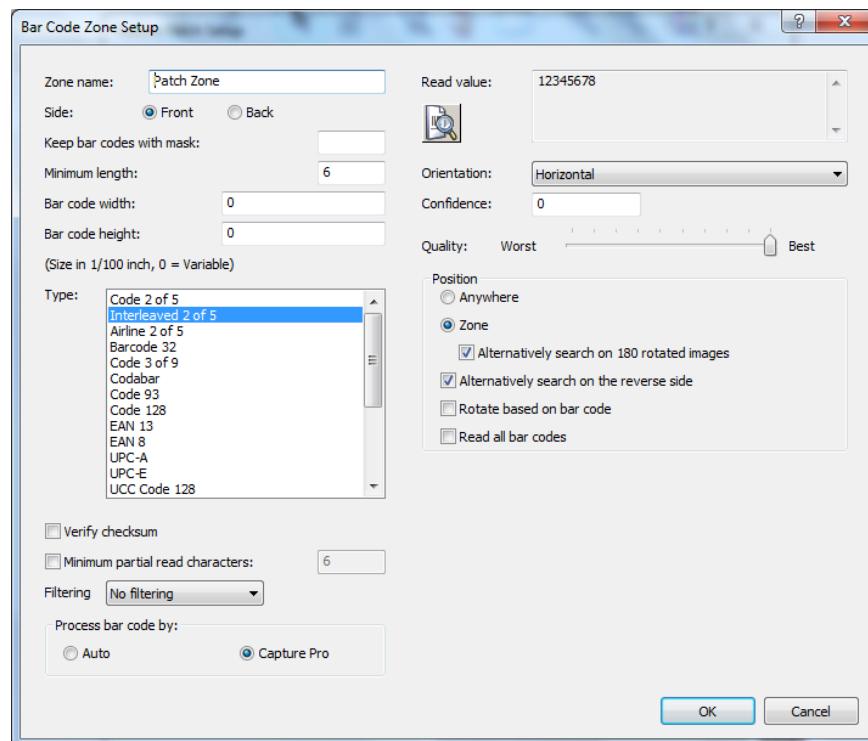
Notes:
- **Only 1 zone can be defined (either bar code or OCR)**

- **Zone setup is similar to regular bar code and OCR zone setup but with less options (e.g., separation settings are not present)**

New Features and Enhancements (7)

Stop on Feature Patch (continued)

- **Defining the Rules for switching Job Setups and Page Setups**
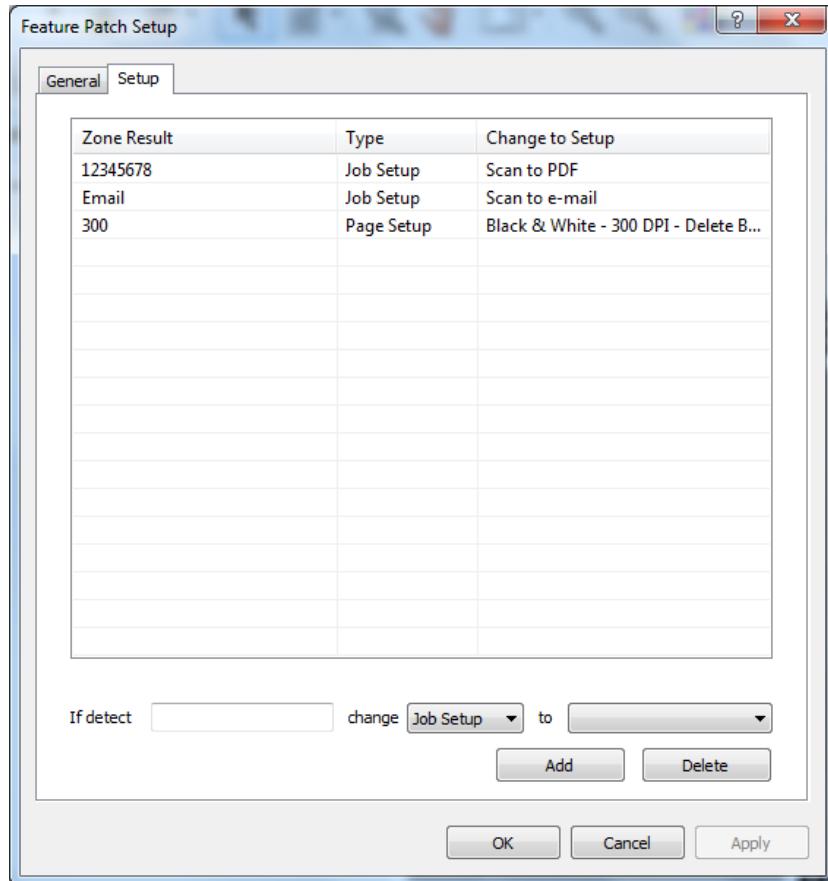
Notes:

- Enter **Value** (from bar code or OCR read results) **and Setup Name pairs** for each Job Setup and Page Setup that will be used

- Each Feature Patch sheet created must have the bar code or OCR text data in the <u>same location</u> as defined by the zone that was created

- There is no limit to the number of Feature Patch rules that can be defined

New Features and Enhancements (8)

Stop on Feature Patch (continued)

- **So what happens during scanning?**

    1. **Scanner detects configured Feature Patch Type and Stops**

    2. **Feature Patch page images are delivered to Capture Pro along with the Patch Type detected**

    3. **Capture Pro reads the bar code/OCR data on the Feature Patch sheet and if a Value and Setup Name pair match is found:**

        - **Change to the new Page Setup and automatically restarts the scanner   OR**
        - **Close the current batch, create a new batch in the new Job Setup, and automatically restarts the scanner (using the default Page Setup for the Job)**

    4. **Feature Patch images are deleted by Capture Pro and are not displayed or stored as part of the batch**

    5. **If a Value and Setup Name pair match is NOT found then the Feature Patch page images are stored in the batch and the scanner remains stopped**

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New Features and Enhancements (9)

Optional PDF Import engine

- **The current Nuance PDF Import engine will not import certain types of PDF documents. For example:**
  - Fill-in forms – the fill in form data will not be included on the imported image or the PDF Import will fail

- **New in Version 5.3 is an optional PDF Import engine called Xfinium**
  - **Can be enabled by putting the following entry into the ENV.INFO file**

    [UserOptions]
    UseXFiniumEngine = 1

  - Will be able to import the specialized PDF documents that the Nuance engine cannot

    Notes:
    - **Default resolution of imported images is 200 DPI**
    - **Will run slower than the Nuance engine (~ 2 times slower)**

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New Features and Enhancements (10)

Output E-Mails with Multiple Attachments

- **New option in E-Mail output configuration to create one e-mail per batch with an attachment for each document in the batch**
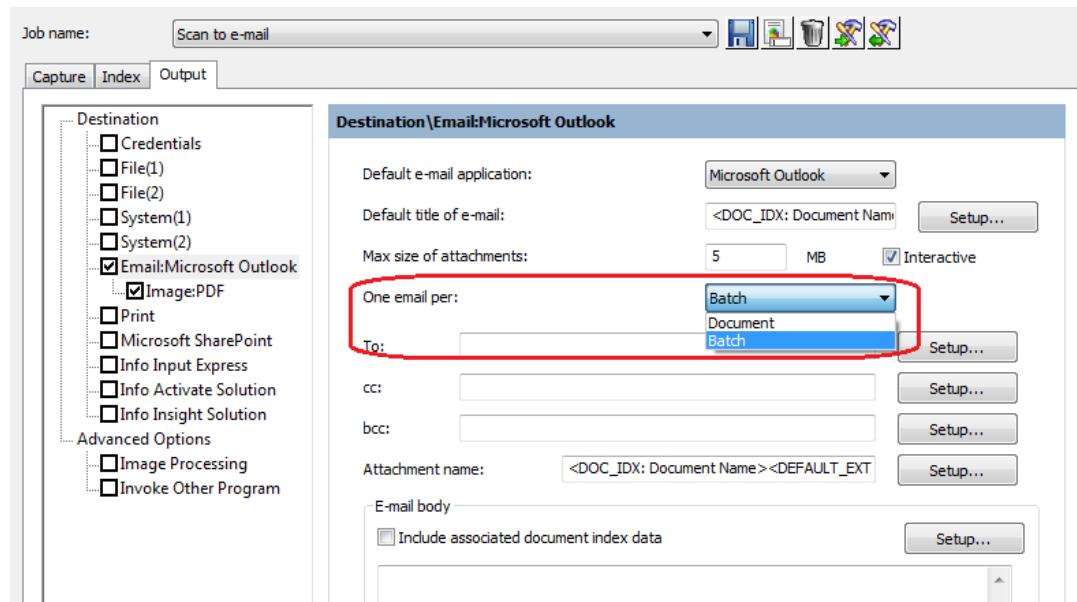
- **Previously, E-Mail output always created a separate e-mail, with one attachment, for each document in the batch**

New Features and Enhancements (11)

Double Data Entry Indexing with Bar Code/OCR Fields

- **New ability to perform Double Data Entry indexing on index fields that have a bar code or OCR zone default value**
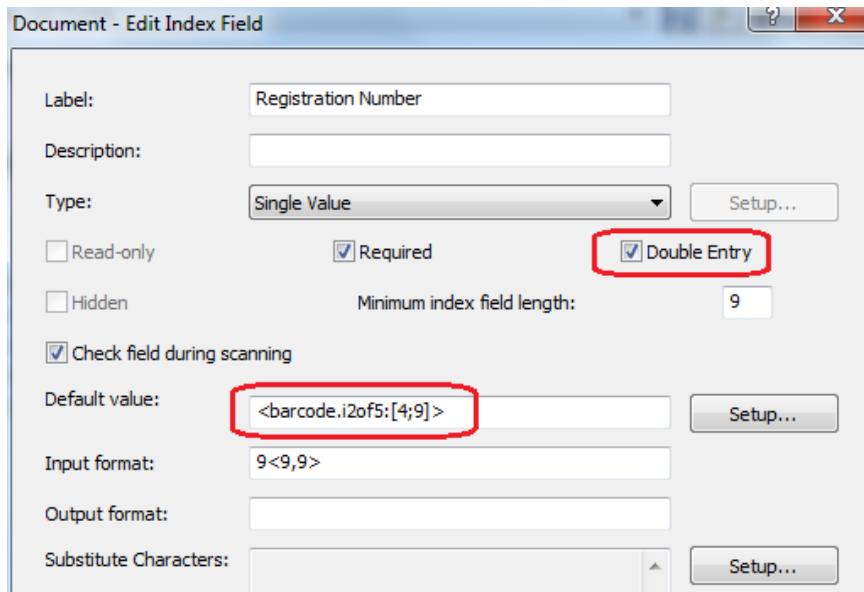
- **Previously, only key data entry fields could be configured for Double Data Entry indexing**
- **Very useful when you want a second Index operator to validate Zonal OCR results**

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New Features and Enhancements (12)

Other Miscellaneous Enhancements

- **Ability to resize the areas and save the layout and settings of the Batch Manager windows**
  - Batch area columns can be resized
  - Job selection sub-window can be hidden (but cannot be resized)
  - Settings are saved per User and therefore will be propagated to other workstations in a Network Edition environment
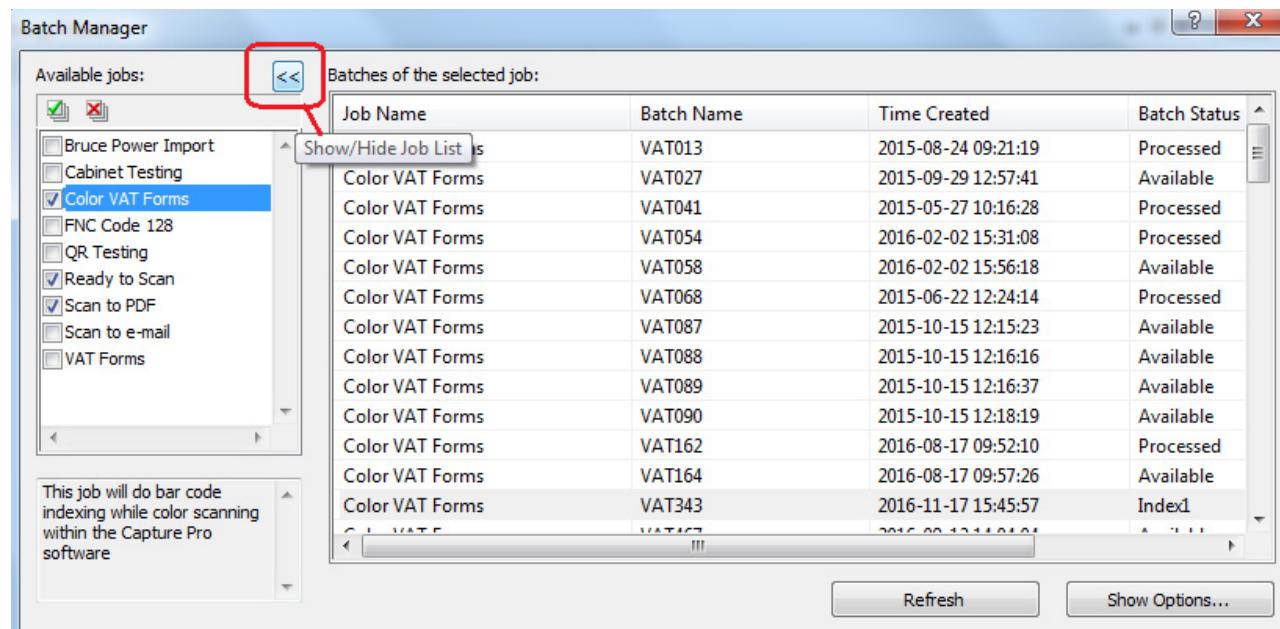
New Features and Enhancements (13)

Other Miscellaneous Enhancements (continued)

- **Filter Zone (Bar Code, OCR, and OMR) Display for Front and Back**
  - **Especially useful when capturing OMR data on both the front and back of a page**
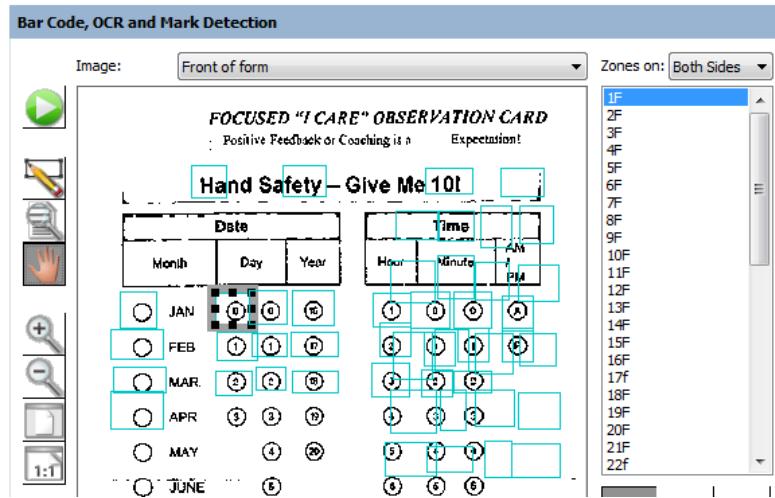
New Features and Enhancements (14)

Other Miscellaneous Enhancements (continued)

- **New Default set of SODs**
  - **Outdated SODs removed from default list provided with Capture Pro install – will still be available for download from the Capture Pro web site**
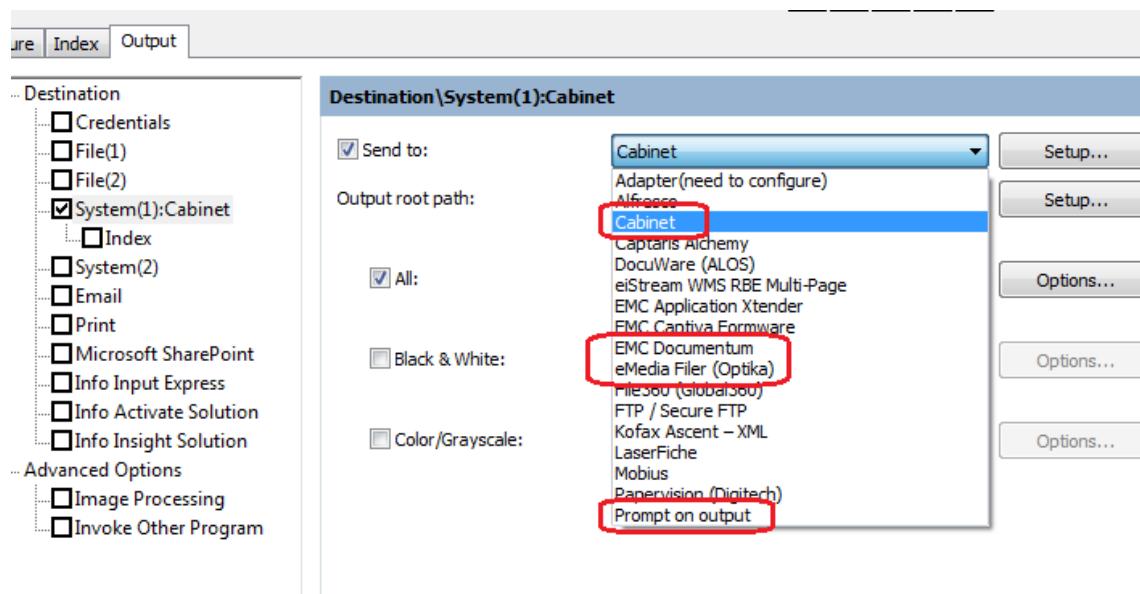
New Features and Enhancements (15)

Other Miscellaneous Enhancements (continued)

- **New Default set of SODs   (continued)**
    - **Prompt on Output** (renamed from Select Output Path)
        - **ENV.INFO** setting for Foreground Processing is recommended
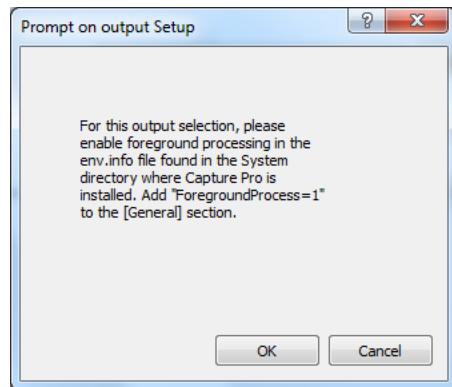
[General]
ForegroundProcess=1
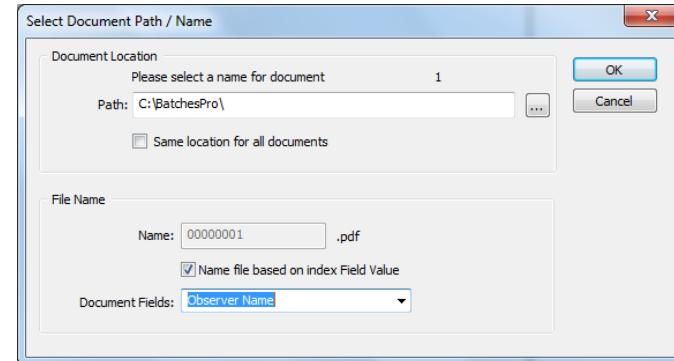
- **Cabinet**
- **eMedia Filer (Optika)**
- **EMC Documentum**
    - **EMCconnector.dll will be registered**
    - **Message displayed indicating what Documentum run-time libraries need to be copied to the Capture Pro installation**

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Problems Fixed (1)

Scanning

- **Last scanned page not displaying** until scanner is stopped or disabled
  - Occurs when blank page deletion is configured to be done by the scanner instead of in Capture Pro (necessary when scanning in color and performing content-based blank page deletion)
  - Adding the following entry to the **ENV.INFO** file will resolve this issue

    [UserOptions]
    OFEPageTimeOut = 1000

    (setting is in milliseconds so above entry is configured for 1 second)

- **Scanner settings profile adjustments (i.e., Contrast and Threshold) not always being saved** as part of the Page Setup
  - **Scanner Adjustments Toolbar** is not being updated after changes are made
  - New issue in Version 5.2 that is now fixed in Version 5.3

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Problems Fixed   (2)

General Operation

- **Upon launching Capture Pro, cursor is on User field of Login screen but focus on dialog is lost** – user must click on Login screen to regain focus

- **Images and pages getting inadvertently re-ordered** when selecting images from the Thumbnail Viewer
    - You should not be able to move images while the focus is on the thumbnail viewer
    - Moving images using the Thumbnail Viewer has now been disabled

- **Thumbnail Viewer / Image Viewer can get out of synch** when selecting Pages for post-scan editing
    - Would not occur when in Image Selection Mode
    - Has now been fixed when in **Page Selection Mode**

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Problems Fixed   (3)

Auto Import

- **Auto Import will stop polling a Hot Folder** if network connection to the Hot Folder is temporarily dropped
    - Other Hot Folders on different mapped drives or network share would continue to be monitored
    - Capture Pro will now re-establish monitoring if network connection is re-established

- **Read-only PDFs can crash Auto Import** when placed directly into the Hot Folder

- **Auto Import fails to binarize some PDF files when** Intelligent QC->Binarization is enabled and generates no error
    - Binarization problem has been fixed
    - Auto Import will now report an error if binarization does fail

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Problems Fixed   (4)

Auto Import   (continued)

- **Auto Import fails to import the second page** of some 2 page PDFs when multiple options are selected in Page Setup > Intelligent QC
    - All pages will now be imported if some of the Intelligent QC operations (e.g., binarization, auto-orientation, etc…) can not be performed

- **Capture Pro not importing a PDF with "Cannot Parse" error** – specific error code is "No font for rendering a glyph" error
    - Optional **XFinium** PDF import engine can be enabled to resolve this problem

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Problems Fixed (5)

License Manager and Registration

- **Customer trying to upgrade a trial installation to production** using their Software Serial Number is getting incorrect error message
  - When upgrading from trial to production, the customer must Register their Software Serial number and get a Registration ID that begins with "KC"
  - If customer does not re-Register and attempts to do a "Get License", the incorrect error message says that a "KT" Registration is required, which the trial customer already has!

Database Lookup

- **Database Lookup with IBM DB2 (AS/400)** is not displaying multiple results
  - Multiple results dialog is displayed but is empty – this has now been fixed
  - If only one record is found there was no issue

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