

# Alaris

a Kodak Alaris business

# **Alaris Capture Pro Software - Version 5.7.x**

## **Release Notes**

# Agenda

**Upgrading to Version 5.7.x**

**Additional Scanner Support**

**Operating System Support**

**Enhancements in Version 5.7.x**

**HTTPS Support in Capture Pro Network Edition**

**Problems Fixed in Version 5.7.1 and Version 5.7.0**

**Problems Fixed in Version 5.7.3**

# Upgrading to Version 5.7.x (1)

## Upgrading Stand-Alone Installations

- The customer's **Capture Pro Software Serial Number** must be entitled to the 5.7 release
  - **The Entitlement Date (or Software Assurance Expiration Date) must be March 1, 2019 or later**
- To upgrade, download the installer (**CapProSW\_5\_7\_3.exe**) file from [www.alarisworld.com/go/captureprodownload](http://www.alarisworld.com/go/captureprodownload) and run it.
  - **The installer will automatically upgrade an existing Capture Pro install to Version 5.7.3**
  - **When upgrading from Version 5.6 or earlier, an Internet connection is required during the upgrade as the Alaris licensing system will generate a new 5.7 license**
  - **When upgrading from 5.7.1 to 5.7.3, an Internet connection is not required as the existing 5.7 license will continue to be used**

# Upgrading to Version 5.7.x (2)

## Upgrading Network Edition Installations

- Both the NE Server and the NE Client workstations must be upgraded to Version 5.7 at the same time.
  - You cannot run a Version 5.6 client workstation with a Version 5.7 NE Server
  - You cannot run a Version 5.7 client workstation with a Version 5.6 NE Server
  - If your NE Server is already at Version 5.7.0, then the NE Client workstation can be upgraded to Version 5.7.1 or 5.7.3 without having to upgrade the NE Server from Version 5.7.0 to 5.7.1
    - If HTTPS support is desired, however, then both NE Client and NE Server must be upgraded to Version 5.7.1 or 5.7.3
- To upgrade, download the installer files from [www.alarisworld.com/go/capturepronedownload](http://www.alarisworld.com/go/capturepronedownload) and run them
  - IIS on the Network Edition Server must be STOPPED prior to the upgrade and RESTARTED after the upgrade

# Additional Scanner Support

## Scanner Support Additions

**Alaris E1025**      Group A

**Alaris E1035**      Group A

**Canon DR-C230**      Group A

**Canon DR-M260**      Group B

**Canon DR-G2140**      Group E

**Fujitsu fi-7140**      Group A

**Fujitsu fi-7240**      Group A

**Xerox DM-6440**      Group A

Complete list of supported scanners  
can be found at:

[www.alarisworld.com/go/kcsscannersupport](http://www.alarisworld.com/go/kcsscannersupport)

# Operating System Support

## Server 2019 is now supported

- **Network Edition Server**
- **Auto Import**
  - **Manually started by user**
  - **Running as a Service**

# Enhancements

## Display Warning Message When Attempting to Delete an Image that Exceeds a Configurable Byte Size

- New **Workstation Setup** setting
- Helps prevent users from accidentally deleting images that should not be deleted from the batch

The screenshot shows the 'Workstation Setup' dialog box with the following settings:

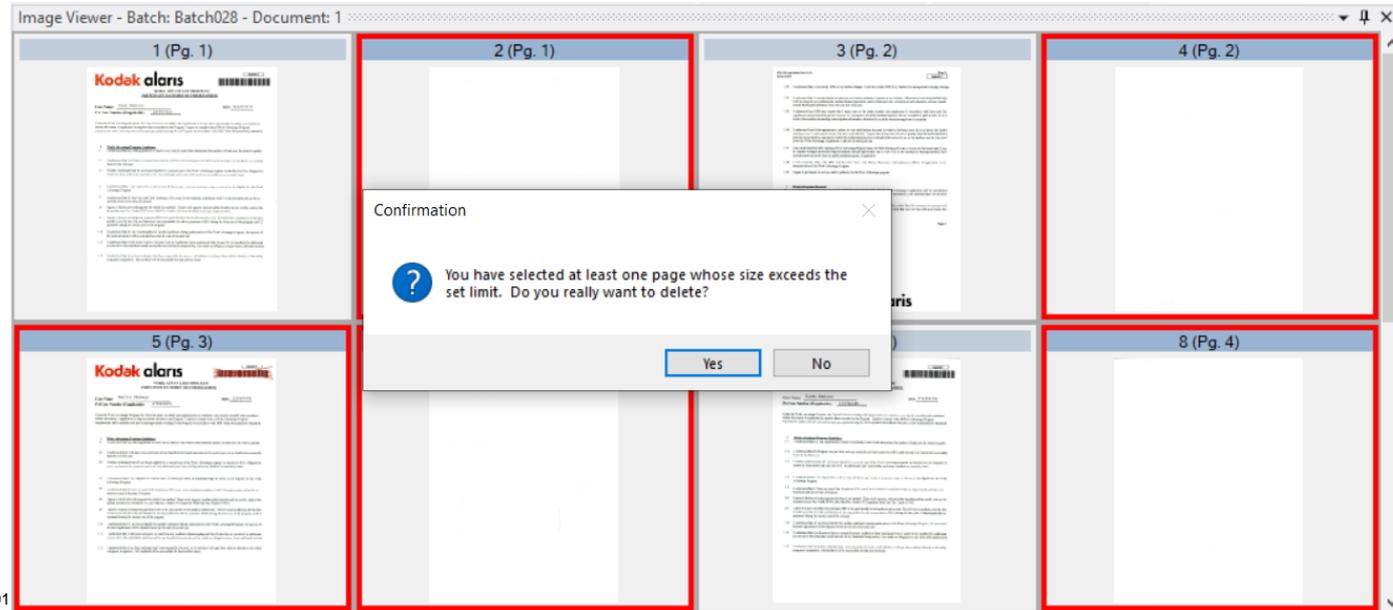
- Workstation**
  - ID: h
  - Name: Mail Room
  - Quick Start View
- Scanner**
  - Scanner family: Alaris Scanner: E1000 (with a 'Select...' button)
  - Scanner model: E1035
- Disk**
  - Disk warning level: 20 MB
- Batch**
  - Enable Job level batch numbering
  - Display confirmation message before batch output
- Page**
  - Display confirmation message during manual deletion if page size exceeds 70 KB

Buttons at the bottom: OK, Cancel

# Enhancements (continued)

## Display Warning Message When Attempting to Delete an Image that Exceeds a Configurable Byte Size

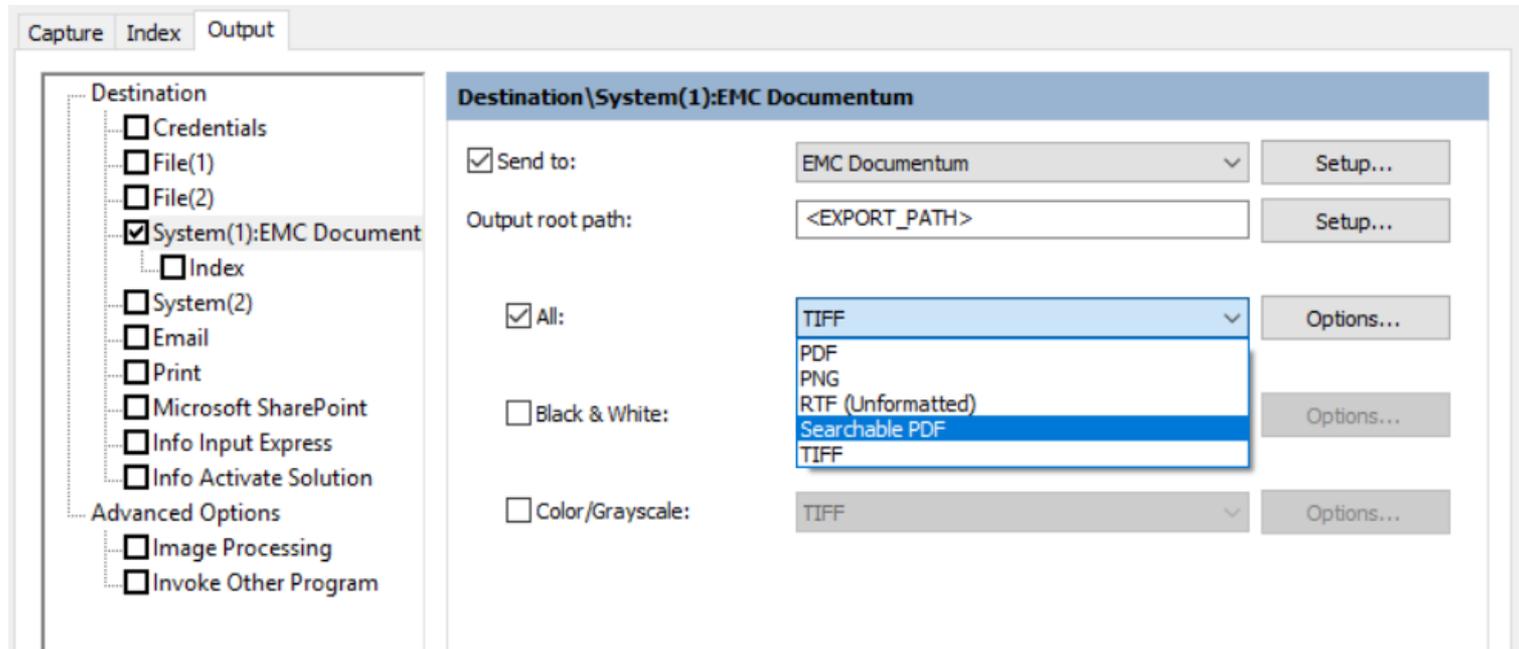
- User is given option to **Confirm** or **Cancel** the manual deletion



# Enhancements (continued)

## Searchable PDF output added to Documentum System Output

- **PNG** and **Unformatted RTF** output have also been added



# HTTPS Support in Capture Pro Network Edition

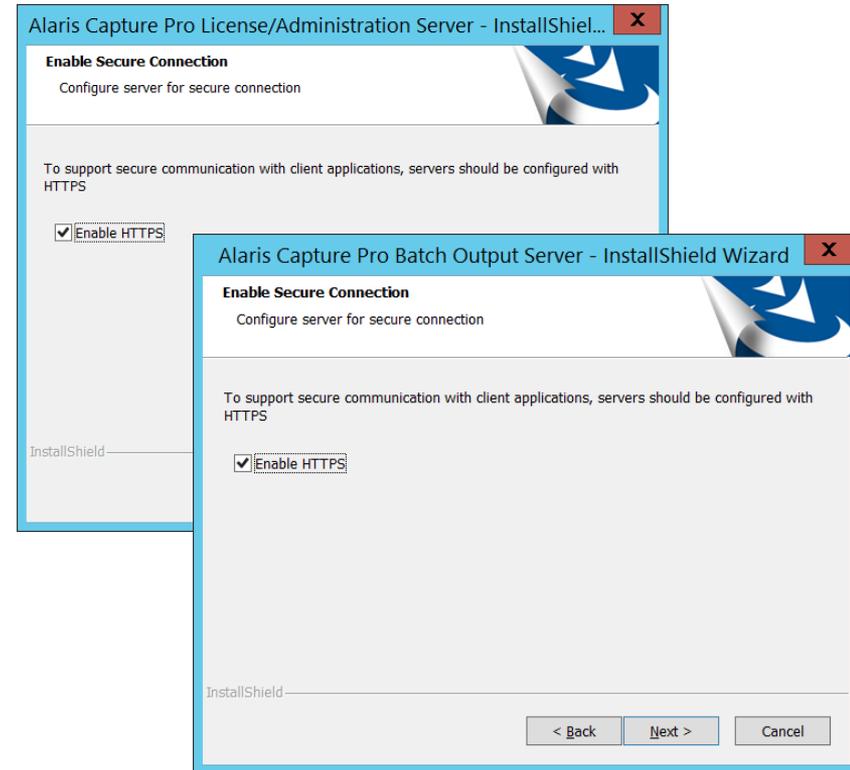
## Overview

- **Secure transfer of setup files** from client workstations to NE Server and vice-versa
  - Job Setups, Page Setups, Scanner settings, User Profiles, etc...
- **Secure transmission of batch status and batch details** from client workstations to NE Server
- **Secure transfer of scanned batches** from client workstations to Batch Output Server for batch output processing

# HTTPS Support in Capture Pro Network Edition

## New Network Edition Installations

- Both the **NE Server and the NE Client workstations** must be at **Version 5.7.1 or higher**
  - If the **Batch Output Server** is being used, then it must also be at **Version 5.7.1 or higher**
- **New option** during the installation of the **NE Server and the Batch Output Server** to enable **HTTPS**
  - If the **NE Server** is configured for **HTTPS**, then the **Batch Output Server** must also be configured for **HTTPS**



# HTTPS Support in Capture Pro Network Edition

## New Network Edition Installations (continued)

- By default, the HTTPS binding will use a self-signed SSL certificate called **Alaris Capture Pro NE**
- This certificate is created and installed as part of the NE Server installation
- If the customer already has a binding established for HTTPS using their **own certificate**, then that certificate will be used

The screenshot displays the IIS Manager interface for the 'Default Web Site Home' application. The left-hand 'Connections' pane shows the tree structure: Start Page > W5DVAPPD05 (KODAKALARIS\50242355) > Application Pools > Sites > Default Web Site. The main content area shows the 'ASP.NET' application, with various icons for configuration like '.NET Authoriz...', '.NET Compilation', '.NET Error Pages', '.NET Globalization', '.NET Profile', '.NET Trust Levels', 'Application Settings', and 'Connection Strings'. A 'Site Bindings' dialog box is open, showing a table of bindings:

Type	Host Name	Port	IP Address	Binding Informa...
http		80	*	
net.pi...				*
https		443	*	

The 'Edit Site Binding' dialog box is open for the 'https' binding. It shows the following configuration:

- Type: https
- IP address: All Unassigned
- Port: 443
- Host name: (empty field)
- Require Server Name Indication
- SSL certificate: Alaris Capture Pro NE (highlighted with a red box)

The 'Actions' pane on the right side of the IIS Manager shows the 'Edit Site' menu item, with 'Bindings...' highlighted by a red box. Other options include 'Explore', 'Edit Permissions...', 'Basic settings...', 'View Applications', and 'View Virtual Directories'. The 'Manage Website' section includes 'Restart', 'Start', and 'Stop' buttons. The 'Browse Website' section shows 'Browse \*:80 (http)' and 'Browse \*:443 (https)'. The 'Configure' section includes 'Limits...' and 'Add FTP Publishing...'. The 'Deploy' section includes 'Install Application From', 'Export Application...', 'Import Application...', and 'Help'.

# HTTPS Support in Capture Pro Network Edition

## New Network Edition Installations (continued)

- The Server Map Manager has not been modified to accommodate HTTPS support
  - As a result, after creating the Server Map, it should be edited via Notepad or an XML editor so that the **Connection Paths use HTTPS**

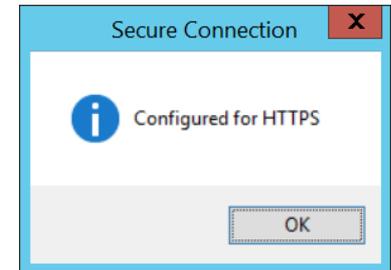
```
<?xml version="1.0" encoding="UTF-8"?>
- <KCP_Server_Map xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  - <Servers>
    - <Server Type="Admin">
      <ServerName>Alaris 2012 Server</ServerName>
      <ConnProtocol>HTTPS</ConnProtocol>
      <ConnPath>https://w5dvappd05/KCSNEAdminService/NEServerService.svc</ConnPath>
      <UserName/>
      <Password/>
    </Server>
    - <Server Type="Output">
      <ServerName>Alaris 2012 Output</ServerName>
      <ConnProtocol>HTTPS</ConnProtocol>
      <ConnPath>https://w5dvappd05/KCSNEOutputService/NEServerService.svc</ConnPath>
      <UserName/>
      <Password/>
    </Server>
    - <Server Type="License">
      <ServerName>Alaris 2012 License</ServerName>
      <ConnProtocol>HTTPS</ConnProtocol>
      <ConnPath>https://w5dvappd05/LicenseService/LicService.svc</ConnPath>
      <UserName/>
      <Password/>
    </Server>
  </Servers>
</KCP_Server_Map>
```

# HTTPS Support in Capture Pro Network Edition

## Upgrading an Existing NE Installation to HTTPS

- An **HTTPS Configuration Tool** is included with the Version 5.7.1 NE Server installation to facilitate converting an existing NE Server to HTTPS
- Instructions:
  1. Upgrade the NE Server and all NE Client workstations to Version 5.7.1 or higher
    - If present, also upgrade the Batch Output Server to Version 5.7.1 or higher
  2. Stop IIS on the NE Server and the Batch Output Server
  3. Close the browser on any PCs running the NE Dashboard
  4. Navigate to the following directory on the NE Server and run the program called **KCSNetEditionHTTPSConfigTool.exe**

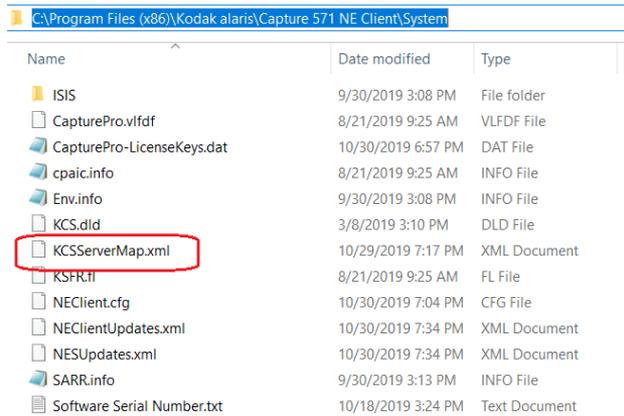
*C:\Program Files (x86)\Kodak Alaris\Tools\HTTPS Configuration Tool*



# HTTPS Support in Capture Pro Network Edition

## Upgrading an Existing NE Installation to HTTPS (continued)

- While it is **recommended** to modify the Server Map on each NE Client workstation (i.e., change the **Connection Paths from HTTP to HTTPS**) it is **not required**



Name	Date modified	Type
ISIS	9/30/2019 3:08 PM	File folder
CapturePro.vlfd	8/21/2019 9:25 AM	VLFDF File
CapturePro-LicenseKeys.dat	10/30/2019 6:57 PM	DAT File
cpaic.info	8/21/2019 9:25 AM	INFO File
Env.info	9/30/2019 3:08 PM	INFO File
KCS.dld	3/8/2019 3:10 PM	DLD File
<b>KCSServerMap.xml</b>	10/29/2019 7:17 PM	XML Document
KSPR.tl	8/21/2019 9:25 AM	FL File
NEClient.cfg	10/30/2019 7:04 PM	CFG File
NEClientUpdates.xml	10/30/2019 7:34 PM	XML Document
NESUpdates.xml	10/30/2019 7:34 PM	XML Document
SARR.info	9/30/2019 3:13 PM	INFO File
Software Serial Number.txt	10/18/2019 3:24 PM	Text Document

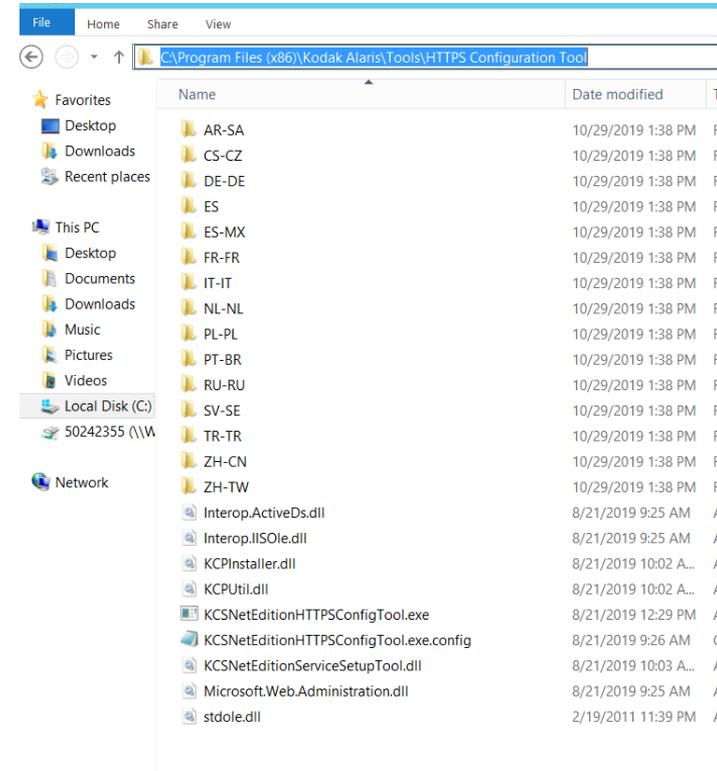
```
<?xml version="1.0" encoding="UTF-8"?>
- <KCP_Server_Map xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  - <Servers>
    - <Server Type="Admin">
      <ServerName>Alaris 2012 Server</ServerName>
      <ConnProtocol>HTTP</ConnProtocol>
      <ConnPath>http://w5dvappd05/KCSNEAdminService/NEServerService.svc</ConnPath>
      <UserName/>
      <Password/>
    </Server>
    - <Server Type="Output">
      <ServerName>Alaris 2012 Output</ServerName>
      <ConnProtocol>HTTP</ConnProtocol>
      <ConnPath>http://w5dvappd05/KCSNEOutputService/NEServerService.svc</ConnPath>
      <UserName/>
      <Password/>
    </Server>
    - <Server Type="License">
      <ServerName>Alaris 2012 License</ServerName>
      <ConnProtocol>HTTP</ConnProtocol>
      <ConnPath>http://w5dvappd05/LicenseService/LicService.svc</ConnPath>
      <UserName/>
      <Password/>
    </Server>
  </Servers>
</KCP_Server_Map>
```

- If an NE Client cannot connect to the License or Admin Service via HTTP, it will **automatically attempt (and succeed) to connect via HTTPS**

# HTTPS Support in Capture Pro Network Edition

## Upgrading the Batch Output Server to HTTPS

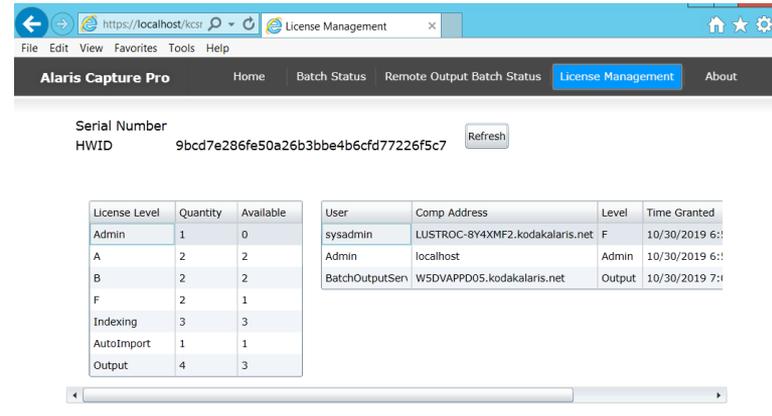
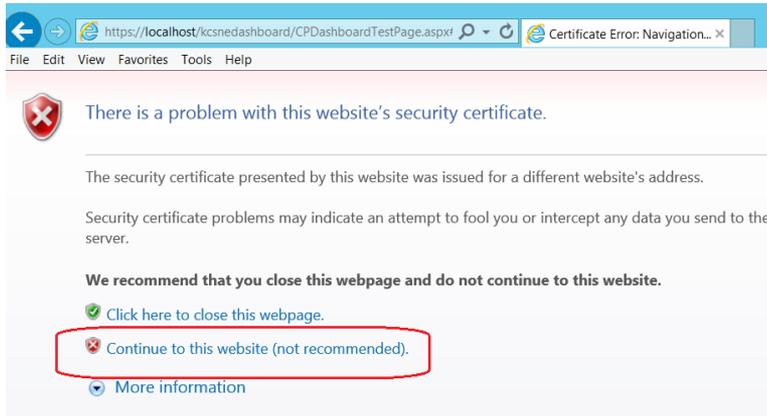
- If the Batch Output Server is installed on the same server as the NE Server, then the **HTTPS Configuration Tool** will upgrade both the NE Server and the Batch Output Server to HTTPS
- If the Batch Output Server is installed on a separate server from the NE Server, copy the entire **HTTPS Configuration Tool** directory from the NE Server to the Batch Output Server
  - Run the program called **KCSNetEditionHTTPSConfigTool.exe** from the Batch Output Server



# HTTPS Support in Capture Pro Network Edition

## Running the NE Dashboard in an HTTPS Environment

- The self-signed SSL Certificate provided by the NE Server installer, **Alaris Capture Pro NE**, is not produced through a Certificate Authority (CA)
- If the SSL Certificate being used is the self-signed **Alaris Capture Pro NE** certificate, then NE Dashboard users will need to **bypass the Security Certificate Error**

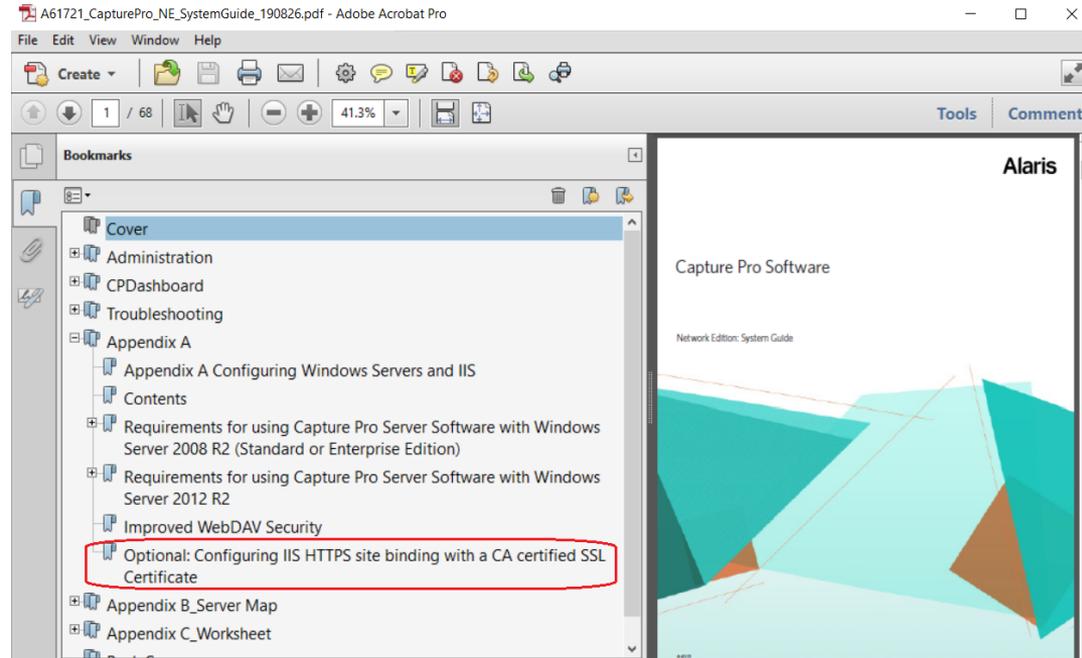


# HTTPS Support in Capture Pro Network Edition

## Changing the IIS Site Binding for HTTPS

- Customers can change the IIS site binding for HTTPS to use their own **CA (Certificate Authority) certified SSL certificate** instead of the self-signed Alaris Capture Pro NE certificate
- Instructions are included in the Capture Pro NE System Guide:

<https://support.alarisworld.com/-/media/files/im/products/software/capture-pro/capture-pro-ne-system-guide.pdf>



# Problems Fixed in 5.7.3

## Scanning

- **Incorrect Binarization settings being sent to Kodak or Alaris scanner if scanner is powered on after launching Capture Pro**
  - Contrast and Threshold when **scanning with ATP**
  - Contrast when **scanning with iThresholding**
  - Was causing bar code read failures on scanned documents
- **Capture Pro crashes on Jobs with Image Addressing activated in an i5850 scanner when feeding T-Patch as the first sheet in a batch**
  - Problem occurred when T-Patch code reading is enabled in the scanner hardware

# Problems Fixed in 5.7.3 (continued)

## Job Setup

- **Database Lookup Validation Index field and setup option are missing from Job Setup GUI when in Auto Import**
  - The actual functionality of assigning the results of the DB Lookup to an index field works fine when running Auto Import.
  - The problem was that when attempting to modify the Job Setup while still configured for Auto Import, the DB Lookup Validation index field and option disappear from the Job Setup GUI.
    - **If you make any changes to the Job Setup, the option and index field disappear**

# Problems Fixed in 5.7.3 (continued)

## Indexing

- **OMR indexing on zones with check marks is not working as well in Version 5.6 or 5.7** compared to earlier releases of Capture Pro
- **Navigation Toolbar buttons are inactive** in Indexing Mode
  - Starting with Version 5.5.1, the Navigation Toolbar was not allowed in Indexing Mode.
  - The Navigation Toolbar has been re-instated in Indexing Mode in Version 5.7.3.
    - **Important:** Any index field value changes will not be saved when navigating to a different document using the Navigation Toolbar. **The user must use the [Indexing Toolbar](#) to navigate to a different document when making indexing field value changes.**

Navigation Toolbar



Indexing Toolbar



# Problems Fixed in 5.7.3 (continued)

## Auto Import (and Manual Import)

- **Dimensions of imported large format JPEG files are incorrect when output as PDF**
  - Problem was caused by incorrect DPI assigned to imported images (e.g., 300 DPI images were being imported as 150 DPI)
  - This caused output dimensions to be doubled when outputting to PDF format
- **The ENV.INFO option to change resolution of imported PDF files is not working in Version 5.6 or 5.7**
  - The following ENV.INFO option is working again in Version 5.7.3:

```
[AutoImportPDF2Image]  
DPI = nnn
```

where **nnn** is the image resolution of imported images from PDF files (e.g., 200)

# Problems Fixed in 5.7.3 (continued)

## Auto Import (and Manual Import) - continued

- **Importing large multi-page PDFs is very inefficient and slow compared to previous releases**
  - Problem occurred when imported PDFs contain over 100 pages
    - Import is performed in 100 page increments and delay between 100 page imports was significant (i.e., several minutes)
  - In Version 5.7.3, there will still be a delay for the first 100 page import. However, subsequent 100 page imports are **much improved**
    - **Delays are reduced to less than 30 seconds between 100 page imports**
- **Images may be skewed during Import of PDF files**
  - Example images that were skewed were photographs of rectangular objects (e.g., tables, desks)

# Problems Fixed in 5.7.1

## Installation

- **System restart during silent installation may occur**
  - Occurred after Microsoft Visual C++ 2017 Redistributables are silently installed
  - Fix is also included in **Capture Pro Limited Edition, Version 5.7.1**
- **Error displayed during installation if PC has newer version of Microsoft Visual C++ 2017 Re-Distributables already installed**
  - Error generated by Microsoft installer of the 2017 Redistributables
  - User could opt to ignore message and successfully complete the Capture Pro installation
- **Initial launch after Version 5.7 trial installation may result in Trial Expiration message**

# Problems Fixed in 5.7.1 (continued)

## General Operation

- **Quick Start screen minimized to Task Bar** after launching Capture Pro
  - User could recover by pressing Shift key, right-clicking on the Capture Pro icon in the Task Bar and selecting “Maximize” from the right-click menu
- **WIBU-Key vulnerability found** in version of WIBU-Key installed with Capture Pro
  - WIBU-Key Version 6.5 is now installed on new installations of Capture Pro
  - When upgrading to Capture Pro 5.7.1 from a previous release, the existing WIBU-Key Version 5.0.4, will remain
- **Capture Pro crashing on QR bar codes** that appear to have been resized

# Problems Fixed in 5.7.1 (continued)

## Scanning

- **Cannot scan from flatbed with non-Alaris Scanners**
  - User would get “Set image side failed” message
  - Reported on the following scanner models using ISIS drivers:
    - Fujitsu fi-7260
    - Panasonic KV-S7077C
- **Cannot run Alaris i4x50 Scanners using “Kofax VRS Scanner”**
  - User would get “Scanner not supported” message
- **Cannot scan with Kodak A3 or A4 flatbed with i4x50 Scanners and VRS 5.1**
  - User would get “Set image side failed” message when attempting to scan from the flatbed
  - License file workaround would allow them to avoid the “Scanner not supported” message and scan from the ADF

# Problems Fixed in 5.7.1 (continued)

## Scanning (continued)

- **Cannot scan from selected non-Alaris Scanners running the non-English user interface**
  - User would get error message similar to "Scanning process could not be started. Please check the scanner"
  - Reported when using Canon and Fujitsu Paperstream scanners
- **When Dual Stream scanning (i.e., simultaneous Color and Bitonal scanning), the last image generated for a scanned page is assigned a different Page ID than the first 3 images**
  - Only occurred with E1000 and i11xx Scanners
  - Could have cause incorrect indexing and document separation

# Problems Fixed in 5.7.1 (continued)

## Scanning (continued)

- **Incorrect Binarization settings being sent to Kodak or Alaris scanner if Capture Pro user language is different from Operating System language**
  - Contrast and Threshold when **scanning with ATP**
  - Contrast when **scanning with iThresholding**
  - Was causing bar code read failures on scanned documents

# Problems Fixed in 5.7.1 (continued)

## Indexing

- **Inconsistent results from Multi-Line OCR**
  - Problem was new starting with Version 5.6
  - Some line breaks were not being recognized causing indexing errors
- **Zonal OMR indexing is significantly slower** compared to previous releases
  - Problem was new starting with Version 5.6
- **Document index data overwritten by index data from the last document in the batch**
  - Problem would only occur if scanning into an empty document that was navigated to and all images from the document were deleted

# Problems Fixed in 5.7.1 (continued)

## Output

- **PDF Properties not being set** when using a System Output Destination (i.e., System (1) or System (2))
  - PDF Properties supported are: **Title, Subject, Author, and Keywords**
- **<Time\_24> value** (i.e., h:mm:ss) **used in the output file name is not the same** when the output file name is also written to an index file

# Problems Fixed in 5.7.0

## Scanning

- **Cannot select "Kofax VRS Scanner" with VRS 5.1.x installed**
  - Error message displayed is "VRS 4.0 or later is required"
  - Problem was specific to Version 5.6.0
- **Cannot select or configure non-Alaris Scanners (non-English GUI)**
  - Problem was new to Version 5.6.0
  - In some cases, scanning is successful when the user GUI language is English
  - Reported on the following scanner models using ISIS drivers:
    - Canon DR-6010C
    - Fujitsu fi-5950 (Paperstream ISIS drivers used for Fujitsu scanners)
    - Fujitsu fi-6770
    - Fujitsu fi-6800
    - Fujitsu fi-7030
    - Fujitsu fi-7140/7240
    - Kodak Truper 3210
    - Panasonic KV-S5055C

# Problems Fixed in 5.7.0 (continued)

## Indexing

- **Capture Pro crashing** when DB Lookup from Oracle database has multiple results

## Output

- **Outputting index data to an MS SQL database fails when user GUI language is non-English**
  - Reported by customers with Spanish and Swedish GUI users
- **Searchable PDF images may be deskewed** upon output when original image after scan is not

## Network Edition

- **About dialog in NE Dashboard is reporting Version as 0.0.0**

# Alaris

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