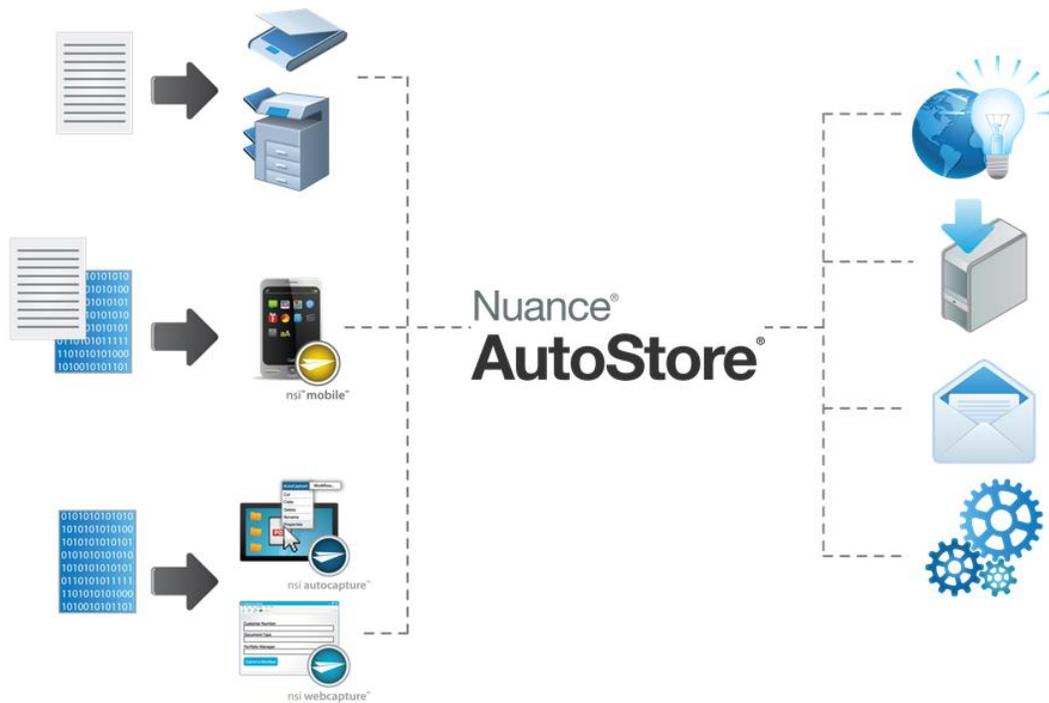


Nuance AutoStore® 7 Memory Jogger

Nuance AutoStore

AutoStore is Nuance’s capture solution which secures and improves line of business document processing. It is well suited for organizations of any size wanting to eliminate error prone manual document handling. At the MFP, AutoStore captures the image or document, converts it into the desired format and sends it as a fax or email message, stores it to a local desktop or network location, or sends it to line of business or back-end content management applications.

AutoStore provides unrivaled reliability, business continuity, scalability, and ease of use for IT staff and desktop users alike.



Product Family

The AutoStore product family structures the secured intake and storing of various document types. It supports ever-evolving business requirements and can easily scale from simple to complex business workflows, whether the complexity consists of the document type, volume of documents, or integration into line of business systems.

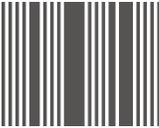
Both paper and electronic documents can be captured, processed, and stored into over 40 back-end systems, including folders, databases, and enterprise content management systems.

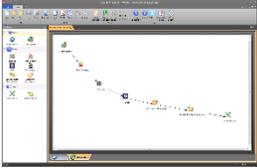
<p>Nuance® AutoCapture®</p>	<p>Electronic desktop file capture and indexing For electronic documents, AutoCapture is an easy-to-use capture component that allows users to submit, index, and archive digital content in any format directly from their desktops, or from within Microsoft Office, using the AutoCapture Windows-based client app.</p>
<p>Nuance® WebCapture®</p>	<p>Zero footprint desktop file capture and indexing For quicker implementations, capture your documents from a web browser using WebCapture. WebCapture allows any user with a web browser to index their electronic documents and submit to a workflow for structured filing. Being accessible from a web browser improves implementation time because no client or plug-in needs to be installed, reviewed, and validated by the IT department.</p>
<p>Nuance® Business Connect™</p>	<p>Capture paper and electronic documents with smart device Your business productivity doesn't stop at the door. With Nuance Business Connect (formerly NSi Mobile), you can capture documents, bar-codes, signature, photos, data, geo-codes directly into business processes - plus access files and forms, validate collected information against databases and securely print and retrieve documents anywhere – at any time... remotely using your smart device.</p>
<p>Nuance® QuickCapture Pro®</p>	<p>Paper capture with scanners For paper capture, QuickCapture Pro is the technology behind Nuance's enterprise scanning solution for TWAIN-enabled PC scanners. QuickCapture Pro connects a TWAIN-enabled PC scanner to your business workflow and document management system and is designed for the user who needs advanced image correction and enhancement features. It also contains Nuance's SnapIt technology for error-free point-and-click document indexing.</p>
<p>Nuance® OpenForms™ 360</p>	<p>Automate data capture from forms OpenForms 360 is forms-processing software that works on the AutoStore platform to automate data capture with optical character recognition also known as OCR technology. OpenForms 360 reads both structured forms (forms with the same layout) and unstructured forms (different layouts and pages), which leads to faster and more efficient information processing.</p>

What's New in AutoStore 7?

Single Version of AutoStore		
	<p>Description... AutoStore 7 marks the end of two version offerings... Express and Workflow. AutoStore 7 is now a single version based on Workflow with all the features of Workflow readily available</p>	<p>Benefits...</p> <ul style="list-style-type: none"> • Only one installer file required • Management of Express and Workflow versions no longer a concern • AutoStore 5 and 6 configuration file compatible
How to Purchase AutoStore Licenses		
	<p>Description... Purchasing licenses has been made easier. MFP licenses are no longer tied to a manufacturer and File Import licenses (i.e., volume-based) can be shared across File Import types (as well as batteries)</p>	<p>Benefits...</p> <ul style="list-style-type: none"> • MFP licenses can be used with different manufacturers without the need to contact Nuance Support • File Import licenses are no longer tied to a specific license type (e.g., FTP, email) and volume can be shared
Obtain a License File for Upgrades		
	<p>Description... Licenses for upgrades from previous versions of AutoStore require an email to be sent to imlicensing@nuance.com along with the License Request File</p>	<p>Benefits...</p> <ul style="list-style-type: none"> • Licensing process remains relatively the same with accessing the Web License Portal step being replaced by the submission of an email
Device Registration Service (DRS)		
	<p>Description... Common, web-based utility used to connect AutoStore to Unified Client-based MFPs</p>	<p>Benefits...</p> <ul style="list-style-type: none"> • Simplifies MFP management • Reduced deployment time • Facilitates integration with Nuance Output Manager
Konica Minolta Capture Component/Unified Client		
	<p>Description... New Konica Minolta capture component and Unified Client used to connect AutoStore to iOption-enabled MFPs (NOTE: Legacy OpenAPI component still available)</p>	<p>Benefits...</p> <ul style="list-style-type: none"> • Works with iOption-enabled MFPs • Unified Client (UC) used with DRS simplifies MFP registration
Ricoh Capture Component/Unified Client		
	<p>Description... New Ricoh capture component and Unified Client used to connect AutoStore to Ricoh MFPs</p>	<p>Benefits...</p> <ul style="list-style-type: none"> • Unified Client (UC) used with DRS simplifies MFP registration

Xerox Capture Component/Unified Client		
	<p>Description... New Xerox capture component and Unified Client used to connect AutoStore to Xerox MFPs</p>	<p>Benefits...</p> <ul style="list-style-type: none"> • Faster text recognition • Higher rate of accuracy • Preservation of complex document layouts (e.g., tables)
OmniPage-driven OCR Process Component		
	<p>Description... AutoStore's OCR capability is now powered by Nuance's Best in Class OmniPage OCR engine</p>	<p>Benefits...</p> <ul style="list-style-type: none"> • Faster text recognition • Higher rate of accuracy • Preservation of complex document layouts (e.g., tables)
Redaction Process Component		
	<p>Description... Guard against the unintentional exposure of sensitive data to unauthorized viewers with Redaction which obscures sensitive data</p>	<p>Benefits...</p> <ul style="list-style-type: none"> • Comply with privacy laws and regulations • Supports static and dynamic zones
Form Overlay Process Component		
	<p>Description... Form Overlay offers the ability to stamp index data on top of form templates and uploaded form documents</p>	<p>Benefits...</p> <ul style="list-style-type: none"> • Eliminate the need to store and maintain paper-based forms • Can stamp text-based or image-based data • Data can originate from user entry or extracted from document
Command Line Execution Process Component		
	<p>Description... Command Line Execution allows submitted documents to jump out of an AutoStore workflow, launch an external executable to perform functions on documents, and then return the files to AutoStore for further processing</p>	<p>Benefits...</p> <ul style="list-style-type: none"> • Example of AutoStore's extensibility • Allows running of executables using alternate credentials
New Route Components		
	<p>Description... New Autonomy Worksite 9, d.3, ELO Digital Office, and windream route components are now available.</p>	<p>Benefits...</p> <ul style="list-style-type: none"> • Four additional back-end business systems available for routing documents... right out of the box.

WebCapture (component enhancements)		
	<p>Description... Support for encrypted RRTs, Popup Input and Message field types</p>	<p>Benefits...</p> <ul style="list-style-type: none"> • Maintain security through the use of encrypted RRTs • Popup field types provide for an enhanced interactive end user experience
AutoCapture (component enhancements)		
	<p>Description... AutoCapture has been enhanced to provide the ability to customize client window size, configure AutoCapture to use the form which was last used, expanded debug and error trapping, and support for Office 2013</p>	<p>Benefits...</p> <ul style="list-style-type: none"> • Negate the need for end user to resize AutoCapture UI • Expedite production by using the last form used • Improved troubleshooting capabilities with enhanced debug/error trapping • Submit documents directly from within Office 2013 apps
Barcode (component enhancements)		
	<p>Description... The Barcode component in AutoStore 7 now includes RRTs that can be used to retain the barcode values AND delete the cover page</p>	<p>Benefits...</p> <ul style="list-style-type: none"> • Eliminate the need to use an additional AutoStore component to delete barcode cover pages
Send to Folder (component enhancements)		
	<p>Description... Now supports Impersonation which allows for the routed document to be stored with ownership granted to an alternate user account separate from AutoStore's service account. File names and newly-created folders can be "normalized" which replaces illegal characters with underscores.</p>	<p>Benefits...</p> <ul style="list-style-type: none"> • Impersonation adds an additional layer of security • Eliminate AutoStore errors with folder name normalization
Document Writer (component enhancements)		
	<p>Description... Document Writer can now be activated conditionally. Also, one has the option to disallow the submitted document to continue through the workflow.</p>	<p>Benefits...</p> <ul style="list-style-type: none"> • Activate based on meeting certain conditional criteria • Option to "pass through" original image to next component

AutoStore Process Designer (APD) enhancements		
	<p>Description...</p> <ul style="list-style-type: none"> • Open Last Configuration File • Unlicensed Components Grayed Out • Arrange Icons • Help Options 	<p>Benefits...</p> <ul style="list-style-type: none"> • Ensure last CFG opened is automatically opened upon restart • Quickly identify which components not licensed • Quickly arrange icons for easier viewing • Option to open either Local or web-based Help
RRT Encryption		
	<p>Description...</p> <p>Encrypted RRTs remain encrypted from capture through processing and on to routing</p>	<p>Benefits...</p> <ul style="list-style-type: none"> • Encrypted data remains encrypted throughout process adding increased security • Data remains encrypted inside of log files
Windows Environmental Variables available as RRTs		
	<p>Description...</p> <p>Use Windows Environmental Variables RRTs to utilize system variables inside of AutoStore workflows</p>	<p>Benefits...</p> <ul style="list-style-type: none"> • Easy drag-and-drop access to system variables • Available for use with all process components and route component
Copy/Paste Tasks		
	<p>Description...</p> <p>Copy and paste Tasks quickly and easily from within the same CFG or from CFG to CFG</p>	<p>Benefits...</p> <ul style="list-style-type: none"> • Repurpose Tasks without the need to copy the CFG and delete all unneeded Tasks • Increased efficiency and productivity
Disable Task		
	<p>Description...</p> <p>Disable a Task with one mouse click while all other Tasks in CFG continue to run</p>	<p>Benefits...</p> <ul style="list-style-type: none"> • Negates the need to delete a Task to prevent it from running • CFG can continue to run
Isolate Task/Component		
	<p>Description...</p> <p>Used at the prompting of Nuance Support, AutoStore now has the ability to isolate Components and Tasks</p>	<p>Benefits...</p> <ul style="list-style-type: none"> • Allows for expedited troubleshooting • Problem Components/Tasks can be easily identified

Installation

Software Installation Requirements/Prerequisites

Supported Windows Operating Systems for SERVER Installation	
<ul style="list-style-type: none"> Windows Server 2012 R2 - Standard/Datacenter Windows Server 2012 - Standard/Datacenter (with latest service pack) Windows Server 2008 R2 - Standard/Enterprise/Datacenter (with latest service pack) Windows Server 2008 (32/64-bit*) - Standard/Enterprise/Datacenter (with latest service pack) Windows 8/8.1 (32/64-bit*) - Professional/Enterprise** Windows 7 (32/64-bit*) - Professional/Ultimate/Enterprise** (with latest service pack) <p style="text-align: right;"><i>*AutoStore only runs in 32-bit mode in a 64-bit environment **not recommended for production environments</i></p> <p>IMPORTANT NOTE: Small Business Server and domain controllers are not supported for installing AutoStore</p>	
Supported Windows Operating Systems for CLIENT Installation (AutoCapture/WebCapture)	
<ul style="list-style-type: none"> Windows 8/8.1 (32/64-bit) - Professional/Enterprise Windows 7 (32/64-bit) - Professional/Ultimate/Enterprise (with latest service pack) 	
Software Prerequisites	Supported Web Browsers
<ul style="list-style-type: none"> Microsoft .NET Framework 3.5.1 Microsoft .NET Framework 4.0 Microsoft .NET Framework 4.5 	<ul style="list-style-type: none"> Internet Explorer 9 or greater Firefox 4.0 or greater Google Chrome 10.0 or greater

Recommended Deployment “Conversation Starters”

The following table represents beginning points to engage customers regarding their hardware needs. It is important to note OCR and image manipulation processes are very CPU-intensive. The following represent minimum hardware requirements.

	Small Deployment Recommendation	Medium Deployment Recommendation	Large Deployment Recommendation
CPU	Single Dual-Core Desktop CPU - 2 GHz or higher	XEON or Opteron CPU - 2MB or more 2nd level cache, 1 or 2 CPUs/cores	XEON or Opteron CPU - 2MB or more 2nd level cache, Multiple CPUs/cores
RAM	2 Gigabyte	2 to 4 Gigabyte	4 Gigabyte or more
HDD	10 Gigabyte	40 Gigabyte	100 Gigabyte
NETWORK	100 Mbit	100 Mbit/1Gbit	1 Gbit
USAGE	Small Branch Office	Small to Medium Branch Office or MFP Hub Server	Single Enterprise Server or Processing Slave

Installation Steps

Follow these simple steps to install AutoStore.

	1. Install Microsoft .NET Framework 3.5.1
	2. Install Microsoft .NET Framework 4.0
	3. Install Microsoft .NET Framework 4.5
Nuance® AutoStore	4. Install AutoStore
	5. Check (and install) Software Updates

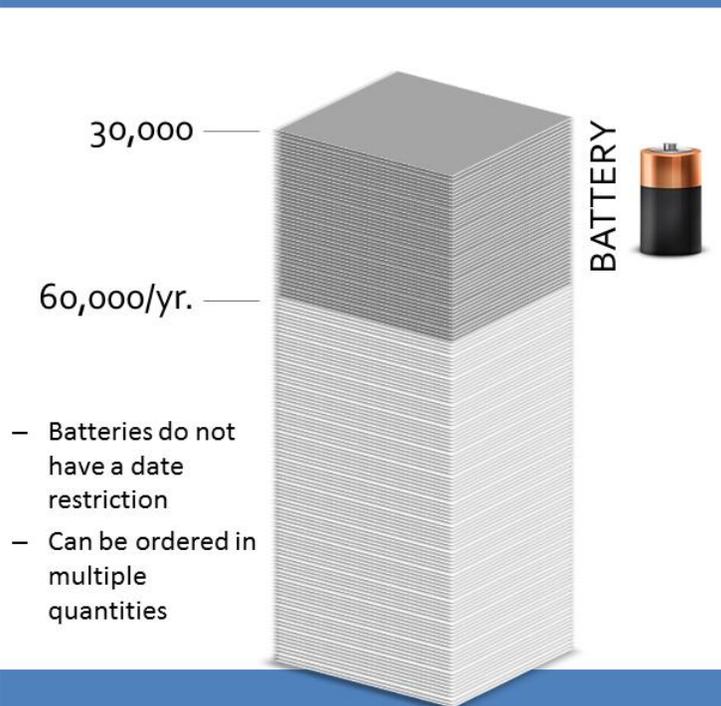
Licensing

AutoStore licensing is determined by the capture source(s) used to capture documents and metadata. MFPs are an obvious example. The following table outlines the types of licenses available for purchase...

Nuance® AutoStore ®		CAPTURE LICENSE				
		MFP	QuickCapture	File Import*	AutoCapture	WebCapture/ Mobile
CAPTURE SOURCE	Multifunction	✓				
	QuickCapture Pro		✓			
	File Import* Email Server, RightFax, File Server, XML Import, FTP Server			✓		
	AutoCapture (20 pk.)				✓	
	Mobile/WebCapture (20 pk.)					✓

The **File Import** type of AutoStore license is subject to volume licensing. Each File Import license purchased includes 60,000 pages per calendar year. If this volume is exhausted before the end of the calendar year, a Battery license can be purchased which adds 30,000 supplemental pages not tied to the calendar. When the new calendar year arrives, the original File Import license is replenished with its 60,000 pages for the calendar year and any volume left on the Battery is preserved for later use, if necessary.

How is AutoStore Licensed?



FILE IMPORT ONLY!

Email Server

RightFax

File Server

XML Import

FTP Server

VOLUME LICENSING

Important Licensing Changes for AutoStore 7

Please note the following changes to licensing for AutoStore 7...

- MFP licenses are no longer tied to a manufacturer.
- File Import licenses can be shared across multiple File Import types. For example, a customer requiring 25,000 pages to be processed through the use of an FTP server, and 30,000 pages to be processed by way of an email server, a single File Import license can be purchased and shared between the two. Battery licenses can also be shared in this manner.
- To obtain license activation keys for upgrades, send an email request to imlicensing@nuance.com

Configuration

Configuration File (CFG) Compatibility

AutoStore 7 CFGs are not backward-compatible with previous versions of AutoStore. However, you can utilize CFGs from v5 and v6 inside of AutoStore 7. In addition, you may have to install the **Sunset Package** which installs v6 components not available as standard in AutoStore 7. The Sunset Package can be obtained through Software Updates inside of AutoStore Process Designer (APD).

Those components sunset for v7 include...

- Fujitsu Network Scanner
- Kodak Scan Station
- Quick Capture Desktop
- Watermark

Preflight Tool

To aid in the effort to determine which components were used in CFGs created in versions prior to AutoStore 7, please use the [Preflight Tool](#).

The AutoStore Preflight Tool is to help AutoStore administrators determine what is needed for a successful AutoStore 7 upgrade prior to upgrading. It will help identify components which are flagged in the Sunset Package, and components that may require a license change in the future.

Fundamental AutoStore Rules

- Only a single configuration file (CFG) can be running at a time
(Note: Multiple CFGs can be viewed)
- All process components and route component are configured from within the capture component
- Every task (workflow) must have EXACTLY ONE capture component and route component
- After making any changes to the AutoStore CFG, restart the AutoStore service for the changes to be served
- Utilize the Status Monitor to identify workflow errors, or workflows with unexpected results

AutoStore can...

Capture information from...

- Multifunctional peripherals (MFPs)
- Copiers
- Scanners
- Desktops
- Microsoft Office applications
- Email client
- Email inbox
- Directory (network or local)
- Email (SMTP, POP3, IMAP)
- Fax servers
- Local or remote folders
- FTP sites (secure and unsecure)
- Files (batch, XML, delimited formats, ASCII)
- PC desktop
- XML

Route information directly to...

- Folder
- Email
- Fax servers
- Printers
- ODBC-compliant databases
- Send to HTTP
- Secure FTP sites
- Send to XML & WebDav
- DMS (SharePoint, Google Apps, Documentum, Interwoven, IBM CM, FileNet, OpenText eDocs & Livelink, Captaris, Docushare, WORLDOX and more...)
- CSV, command files
- RightFax

Process using...

- Full text recognition
- Zonal text recognition
- Redaction
- Form Overlay
- Forms Recognition (Structured/Semi-Structured)
- Command Line Execution
- Optical Mark Reading (OMR)
- Image Clean-Up
- MRC PDF Compression
- Barcode Recognition (1D/2D)
- Bates Stamp
- Encryption/Decryption
- Cost Tracking & Recovery
- Dynamic Watermarking
- Reporting
- Automated Email Notification

Device Features

- Device importing & grouping (Sales, Marketing, Accounting, Post Office, etc.)
- One Touch Multiroute
- Scan settings granularity controls
- Bi-directional database lookups
- Integrated LDAP connection
- Various index fields
- Encryption of jobs
- Generation of menus / forms

Security Features

- Authentication (Common access Cards, Windows, Active Directory, Novell DNS)
- Restricted network access
- Outbound fax or email validation
- Outbound fax filtering
- RRT Encryption

Enterprise Features

- Clustering
- Load balancing
- Multi-CPU capable
- Multi OCR engine capable
- Centralized management
- Authentication services

Retired Components

The following components are no longer available as of AutoStore 7...

AutoStore 5 version	AutoStore 6 version
<ul style="list-style-type: none">• ABBY FineReader OCR• EFI SendMe• Easy Enterprise• Easy Logistics• FileMagic• Gray2Mono• Interwoven iManage*• Professional Barcode• Ricoh Web• Sharper Imager• Trim Capture 4.x• Trim Context 5.x	<ul style="list-style-type: none">• Basic Image Management• PDF 417 Barcode• Data Interchange• Documentum (4x/5x)• FTP Store• Folder Store• Interwoven Worksite MP*• Interwoven Worksite NT*• Kyocera MFP• Poll Directory• Ricoh MFP• SharePoint 2003

Troubleshooting

Always run Status Monitor for real-time log!

Can't file to a network share

If planning on filing to remote network folder, the AutoStore Server must be joined to the domain and use a domain service account (username and password) with local administration rights to run the AutoStore Service on the AutoStore Server. This user will need read/write access to any network drives and/or SharePoint 2007/2010/2013 destination locations which may be used for file output, Active Directory, and LDAP query permissions.

Can't configure AutoStore on the device

Whenever having problems integrating a device, make sure you are integrating with a supported device. We maintain a list of supported devices on our website. Click [HERE](#) to view supported devices.

AutoStore Service will not start

For cases when the AutoStore service will not start or remain started, first check to see if there is a TCP/IP port conflict. For each of your capture components in your configuration file, determine all the TCP/IP ports they use. Stop the AutoStore service and run the telnet command for each TCP/IP port AutoStore uses. You should get a Connect Failed message. If you get a blank window and a blinking cursor, then another application is using that port and conflicting with AutoStore. Note: Windows 7 and 2008 no longer install the Telnet client by default. The Windows Feature must be turned on. Another area to check is the password status for the AutoStore service account. Many times admins forgot to turn off the password expires option when creating a service account. Then 45 days later, the new user account being utilized for AutoStore no longer works.

Device can't connect to AutoStore server

If you see the AutoStore button at the MFP, but when selecting there is no response, question marks, or a server connection error, then check these two items. First, did you register AutoStore with a hostname or IP address? MFPs may not have DNS or NetBIOS name resolution setup correctly, so always start by registering AutoStore by IP address. Second, make sure the Windows Firewall is off on the AutoStore server. AutoStore uses TCP ports that often require placing exceptions in the firewall. Ensure AutoStore works with the firewall off, then later turn the firewall back on and add the port exception(s).

Double Authentication or Authentication not working

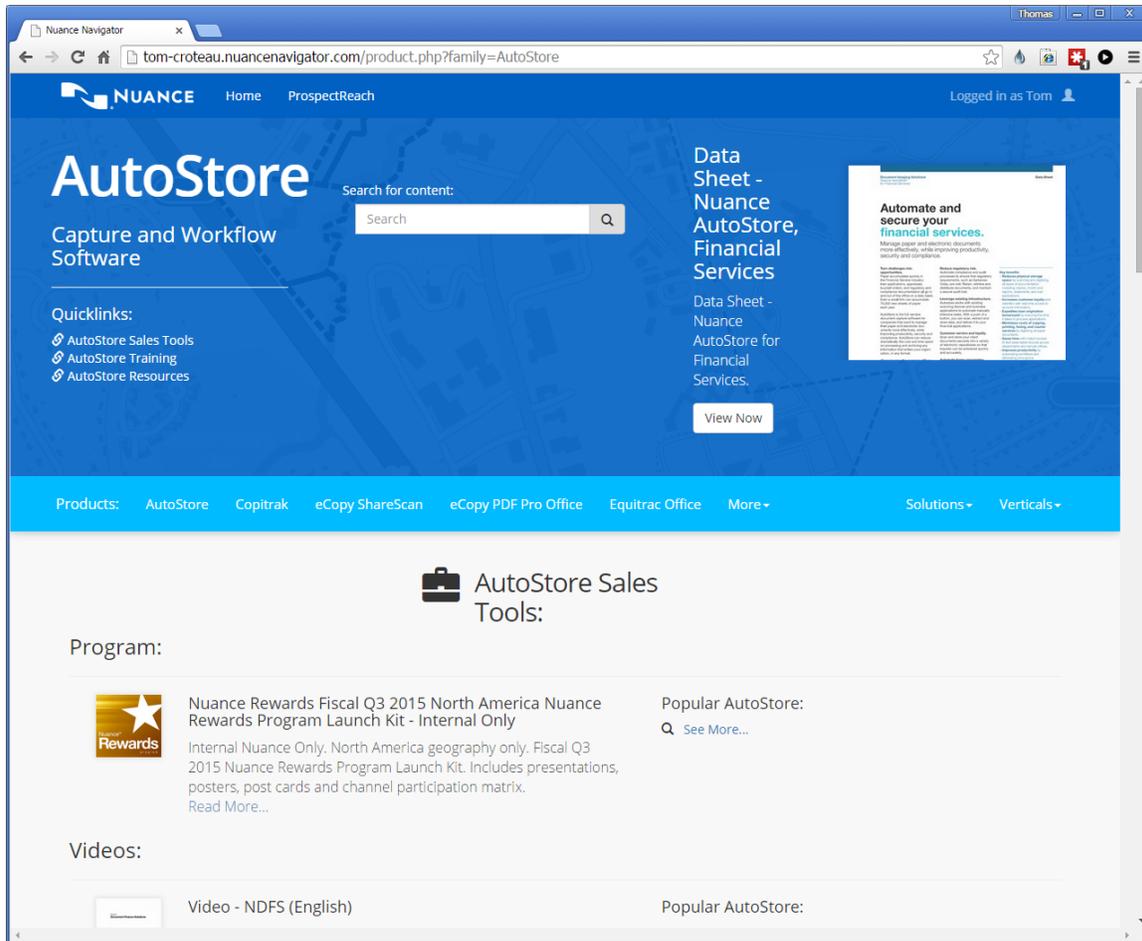
For problems with double authentication (once for the MFP then again for AutoStore) or Authentication not working, first make sure the AutoStore Service account is a domain user that has access to the planned destination. Think of how Windows does the same when you connect to a share or website when your logged in user account doesn't have permissions. Second, make sure the AutoStore and the login domain at the MFP match.

SharePoint User Impersonation not working

If SharePoint user impersonation is not working (this also holds true for Windows impersonation), check to see if the user configured for the connection has admin rights to the SharePoint destination site or Windows folder. Only admins can impersonate a user.

Resources

Your AutoStore resources can be found at the new [Nuance Navigator](#) site.



You will be asked to login with your email address and away you go. Click the AutoStore link to access a wealth of AutoStore resources including the Installation Guide, Administration Guide, Videos, Case Studies, Collaterals, Territory Maps, and more.

Nuance Navigator... your one-stop-shop clearinghouse for all your AutoStore resource needs.

About Nuance Communications, Inc.

Nuance Communications is reinventing the relationship between people and technology. Through its voice and language offerings, the company is creating a more human conversation with the many systems, devices, electronics, apps and services around us. Every day, millions of people and thousands of businesses experience Nuance through intelligent systems that can listen, understand, learn and adapt to your life and your work. For more information, please visit nuance.com.



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