

About this release

The release notes include key details about Tungsten Capture 11.2.0. Please review the topics carefully, as they include late-breaking information that may not be available in other Tungsten Capture documentation.

The full Tungsten Capture documentation set is available online:

<https://docshield.tungstenautomation.com/Portal/Products/KC/11.2.0-oyj7ljfzv3/KC.htm>

For details, see [Product documentation](#).

Quick links

Use these links to quickly locate details about:

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Version information

The build number for Tungsten Capture 11.2.0 is 11.2.0.0.0.198, which appears in the About Tungsten Capture window in Batch Manager.

In Batch Manager, if you click **System Info** on the About window, the ImageControls build number is 5.3.247.0.

System requirements

The primary source of information about Tungsten Capture requirements and dependencies on other products is the [Technical Specifications](#) document, which is available on the [Tungsten Capture 11.2.0 Product Documentation page](#). The document is updated regularly and we recommend that you review it carefully, especially if you plan to use Tungsten Capture 11.2.0 with other Tungsten Automation products.

Product documentation

The full documentation set for Tungsten Capture is available here:

<https://docshield.tungstenautomation.com/Portal/Products/KC/11.2.0-oyj7ljfzv3/KC.htm>

Offline documentation

If the security policy for your organization restricts Internet access and requires you to access offline documentation while working with Tungsten Capture, you can download the compressed documentation files from the [Tungsten Automation Fulfillment site](#).

The English .zip file includes both help and print folders. The print folder contains Tungsten Capture guides and the help folder contains the online help files. The .zip files for other languages contain only the localized help files. The following documentation files are available for offline use:

- TungstenCaptureDocumentation_11.2.0_EN.zip
- TungstenCaptureDocumentation_11.2.0_DE.zip
- TungstenCaptureDocumentation_11.2.0_SV.zip

To configure the offline help, you can use one of the procedures described below.

Use the Capture folder for documentation

Use this procedure to set the path to the `Capture` folder to ensure that help links are available in offline mode.

1. Navigate to: `C:\ProgramData\Tungsten\Capture`
2. Within this folder, create a `Help` folder and then add language code subfolders. See the sample paths below.
For English: `C:\ProgramData\Tungsten\Capture\Help\en_US`
For German: `C:\ProgramData\Tungsten\Capture\Help\de_DE`
For Swedish: `C:\ProgramData\Tungsten\Capture\Help\sv_SE`
3. Extract the contents of the compressed documentation file **TungstenCaptureDocumentation_11.2.0_<language code>.ZIP**. Copy the extracted help files to the corresponding `Help\<language code>` folder created in the previous step.
4. Repeat this procedure for all Tungsten Capture stations.
5. Restart all Tungsten Capture modules to enable the offline help links per the path configured above.

Use 'System Info' to set the help path

Use this procedure to set the path for offline help links from the System Info tab in Batch Manager.

1. Create a **Help** folder either on your computer or as a shared network folder. Within this folder, create a language code subfolder.
For different languages, see the sample paths below.
For English: <Help folder name>\en_US
For German: <Help folder name>\de_DE
For Swedish: <Help folder name>\sv_SE
2. Extract the contents of the compressed documentation file **TungstenCaptureDocumentation_11.2.0_<language code>.ZIP**. Copy the extracted help files to the corresponding <Help folder name>\<language code> folder created in the previous step.
3. If you use a local folder, duplicate it on all Tungsten Capture stations and copy help files to the corresponding folders. The path must be set as in the example: <local path>\TC_Help.
If you use a network shared folder, ensure that all Tungsten Capture stations can access it. A sample path is the following: <network path>\TC_Help.
4. Open Batch Manager and click the **About** icon.
5. Click **System Info** and in the **Help path** field, enter the path to the folder you created in Step 1.
6. Click **OK**, confirm your changes and close the window.
7. Restart all Tungsten Capture modules to apply the configured help system path.

What's new

This topic lists enhancements introduced to the product in Tungsten Capture 11.2.0.

Rebranding

The product is newly renamed to **Tungsten Capture** to align with the Tungsten Automation brand. Tungsten Automation, the company that provides Tungsten Capture, was previously known as Kofax, Inc.

Auto refresh batch lists in the Open Batch dialog box

You can automatically refresh the batch lists displayed in the Open Batch dialog box, and specify how frequently to do so. For more information, refer to [Open Batch Window](#) in the Quality Control help.

Batch Description column added to Batch Manager

A new Description column is added to Batch Manager and the Open Batch dialog box so operations managers can quickly see batch details. For more information on adding descriptions, refer to [Creating a Batch](#) or [Batch Properties Window - General Tab](#) in the Batch Manager help.

View bar code values directly from Scan panel

Recognized bar code values can be displayed as a tooltip when you hover the cursor over a thumbnail on the Batch Contents panel in the Scan or Quality Control modules. For more information, refer to [Bar Code and Patch Code Options](#) in the Batch Manager help.

Recognize bar codes on every scanned or imported page

Bar codes can now be recognized on every page scanned or imported in the Scan or Quality Control modules, regardless of the document separation method or recognition profile selected. For more information, refer to the **Always enable bar code recognition when scanning** option in the [Bar Code Recognition](#) topic in the Administration help.

Override default values with sticky field values

When specifying both a default value and a sticky field value for index or batch fields, you can specify which value has priority. For more information, refer to [Creating a Document Class](#) in the Administration help.

Use new macros to capture scanner data

Two new Tungsten Capture Values macros are supported for batch fields, endorser strings, and index fields: {Scan Operator's Scanner Manufacturer} and {Scan Operator's Scanner Model}. For more information, refer to [Tungsten Capture Values / Tungsten Values](#) in the *Tungsten Capture Administrator's Guide*.

View and edit batch filter profiles created by other users

A new permission is added to the User Profile window, allowing users to view and edit the batch filter profiles created by other users. For more information, refer to Step 2t in [Adding a User Profile](#) in the Administration help.

Add a comment to suspended batches

When you suspend a batch, you can provide additional context by entering a comment. This comment is displayed in the History tab on the Batch Properties window. For more information, refer to [Suspending a Batch](#) in the Quality Control help. This feature is also available in the Scan, Validation, and Verification modules.

Character limits increased for property names

The names of the following properties now support up to 255 characters:

- Batch class name
- Folder class name
- Document class name
- Form type name

Save batch images to a ZIP file

You can save batch images to a ZIP file. To enable this feature for one or more users, you must select the **Allow download of batch images** option when creating a user profile or group profile. For more information, refer to [Adding a User Profile](#) or [Adding a Group Profile](#) in the Administration help.

UTC time zone offset added to Statistics tables

A new TimeZone column is added to the following statistics tables to provide UTC time zone offsets:

- StatsAdministrative
- StatsBatchModule
- StatsModuleLaunch

For information on how to create reports using statistics, refer to [User Tracking Data Tables](#) in the *Tungsten Capture Administrator's Guide*.

Filter batches based on their error messages

Filter batches based on their error messages by selecting the error message filtering criteria in the Filter Batches panel. For more information, refer to [List of Batches](#) in the Batch Manager help.

Monitor unrejected batches as they are reprocessed

Use the **Reprocessed on error** option in the Filter Batches panel to monitor unrejected batches as they are reprocessed, even if they are no longer in an error state. For more information, refer to [Unrejecting Selected Batches](#) in the Batch Manager help.

Suspend a batch if required fields are empty or invalid

Validation and Verification operators can now suspend a batch even when the required fields are empty or contain an invalid value. For more information, refer to [Suspending a Batch](#) in the Validation help. This feature is also available in the Verification module.

Support for Group Managed Service Accounts (gMSA)

Service accounts can be searched for and linked with Tungsten Capture when installing or configuring a Tungsten Capture Service. For more information on how to install a Tungsten Capture Service, refer to [Installing a Tungsten Capture Service with User Profiles](#) in the *Tungsten Capture Administrator's Guide*. For more information on how to configure a Tungsten Capture Service, refer to [Configuring a Tungsten Capture Service](#) in the *Tungsten Capture Administrator's Guide*.

Changes in behavior

This topic describes behavior that differs from previous Tungsten Capture releases.

Web deployment phase out

Tungsten Capture web deployment is being deprecated (phased out).

AES replaces Triple DES

Tungsten Capture has switched from using Triple DES to AES for encrypting data. This is applied (but not limited) to:

- Database password
- Local user's password
- Export connector password (if stored in the Tungsten Capture database)

During a product upgrade, the old credentials are upgraded to the new algorithm.

ASLR and CFG security options enabled

Tungsten Capture modules are now compiled with the ASLR and CFG security options enabled.

Permission requirement during product installation has been removed

Tungsten Capture has removed the permission requirement to access the database instance level (SQL Server) during product installation.

Upgrade of OmniPage CSDK

OmniPage CSDK is updated to version 22.2.0.2.

Upgrade of VRS Elite

VRS Elite is updated to version 5.3.0.5.

Support for Microsoft 365

Microsoft 365 productivity applications are now supported in Tungsten Capture. For example, you can load .DOCX Word documents in Capture interactive modules.

Resolved issues

This topic lists the resolved issues in Tungsten Capture 11.2.0. This Tungsten Capture product release is cumulative and includes the resolved issues from earlier releases.

ID	Title	Solution
2153246	Capture Web Deployment was not working with IIS 10 default mime type.	<p>To prevent the issue, comment out the <code><mimeMap fileExtension=*.asp mime="text/html" /></code> in the <code>WebResource.config</code> file in the Deployment folder, as shown below:</p> <pre><?xml version="1.0" encoding="utf-8" /> <configuration> <system.webServer> <staticContent> <!--mimeMap fileExtension=*.asp mime="text/html" /--> <mimeMap fileExtension=*.asp mime="text/html" /> <mimeMap fileExtension=*.aspx mime="text/html" /> </staticContent> </system.webServer> </configuration></pre>
2134916	Batches placed in QC status could be unrejected even when user profiles were enabled and the "Allow Batch Manager to edit batch queue and status" setting was not enabled.	Batches placed in QC status are not rejected when the "Allow Batch Manager to edit batch queue and status" setting is not enabled.
2134660	OCR results written to an Excel file were distributed across multiple worksheets instead of a single worksheet.	OCR results are saved to a single worksheet. For details, see <i>Tungsten Capture 11.2.0 Release Notes</i> .
2126180	When you performed validation on a PDF, the PDF randomly jumped back to the first page.	During validation, PDF files no longer jump back to the first page.
2124929	During the export of PDF files, if the export path contained Tungsten Capture variables, the variable name was used in the path instead of its value.	If the export path for PDF files includes variables, the variable name is retained in the path.
2124677 2060897	When deleting a row in a batch class that contained a Validation script, the Validation module would shut down.	When a row is deleted during Validation, the Validation module continues processing without shutting down.
2121400	When using PostgreSQL for database lookup, an "Unable to cast object of type error" would display.	<p>To prevent the issue, add the following configuration to the <code>ACConfig.xml</code> file:</p> <pre><ACConfig> ... <DBValRestrictions Error="Unable to cast object of type" validation_name="validation_name" Schema="schema_name" /> ... </ACConfig></pre> <p>Where:</p> <ul style="list-style-type: none"> <code><Value></code>: Set to 1 to restrict data type. If the value is 0, no restriction is applied. <code><database_validation_name></code>: Set the name of the validation restriction. If not defined, the default is <code>validation_name</code>. <code><schema_name></code>: Set the name of the schema. <p>If you have many batch classes, you can use the <code>ACConfig.xml</code> file to define the <code>DBValRestrictions</code> for all batch classes. If you do not use the <code>DBValRestrictions</code>, the Validation module will fail.</p>
2118746	In DOXIS4 Capture 11.1.0 - Contentions in the database during peak times would shut down Transformation Modules Validation.	To prevent the issue, add the following configuration to the <code>ACConfig.xml</code> file:

ID	Title	Solution
		<pre data-bbox="1323 73 1591 283"><ACConfig> ... <BusinessServices Tra StatusUniqueness>"/> ... </ACConfig></pre> <p data-bbox="1307 315 1607 525">Where: <TransactionStatusUniqueness> state.txt file with the following v 1: Use machine name and syste 0: Enhance the current impleme to ensure uniqueness. (Default)</p>
2104641	When using shared scanner profiles, the state.txt file on the server was overwritten by workstations that shared that file.	<p data-bbox="1307 556 1607 588">To prevent the issue, add the fo</p> <pre data-bbox="1323 609 1591 787"><ACConfig> ... <SharedScannerProfile ... </ACConfig></pre> <p data-bbox="1307 819 1607 955">Where: - The StateSynchronization attri 1: Enables the update of state.t 0: Disables the update of state.t</p>
2102454	A warning message appeared when a new index field was added to a batch class that had a Validation script.	This warning message no longer
2095783	RSA reported "91 Object reference not set to an instance of an object" when a legacy SDK libraryKofax.ACWFLib.IACWorkflowAgent interface was used in a workflow agent.	This error message no longer a
2095688	PDF Generator displayed a RER_INTERNAL_ERR error message when processing some images.	This error message no longer a
2087222	Ampersands did not display correctly when entered into the Values list of a Field Type.	Ampersands appear correctly w
2084771	Report Viewer was unable to generate reports when using an Oracle database.	<p data-bbox="1307 1249 1607 1323">To prevent the issue, change th appropriate ODBC Oracle Drive</p> <pre data-bbox="1323 1344 1591 1522"><ACConfig> ... <ReportViewer ODBCORA ... </ACConfig></pre> <p data-bbox="1307 1554 1607 1869">Where: Driver_name_key_string: Is the Registry at the following path: Windows 32-bit: HKLM\SOFTWA Windows 64-bit: HKLM\SOFTWA Example: <ACConfig>...<Report /></ACConfig> If this tag is not set, the default for Oracle."</p>
2083415 2083372	Processing small images in the PDF Generator module caused errors in the PDF generator queue.	<p data-bbox="1307 1900 1607 1932">To prevent the issue, add the fo</p> <pre data-bbox="1323 1953 1591 2058"><ACConfig> ... <OCREnhancedSettings</pre>

ID	Title	Solution
		<p>...</p> <p></ACConfig></p> <p>Where:</p> <p>X = the smallest pixel width value</p> <p>For example: <OCREnhancedSettings</p>
2083102 2083105	When batches were created and processed through Capture Network Server from the Remote Site to the Central Site, the BatchCreationDateTime stamps were inconsistent or off by an hour.	The BatchCreationDateTime stamps were inconsistent or off by an hour.
2072844	Administration OCX Panel - A KfxOcxEventPublishErrorsGet event was issued twice when publishing a batch class.	A KfxOcxEventPublishErrorsGet event was issued twice when publishing a batch class.
2069276 2069240	Quality of exported PDF files was degraded.	<p>To prevent the issue, add the following to the ACConfig file:</p> <pre><ACConfig> ... <OCREnhancedSettings"> <Profile Name="Pdf/a-2b" Use </OCREnhancedSettings ... </ACConfig></pre> <p>Where:</p> <p>Profile Name = the OmniPage profile name</p>
2063160	When information was read from a DataMatrix bar code and its values were entered into fields and tables in Validation with VB.NET scripts, incorrect values would appear.	All DataMatrix bar code values were correct.
2060455	Validation script BatchLoading and BatchUnloading events were firing per document instead of per batch.	BatchLoading and BatchUnloading events were firing per document instead of per batch.
2060342	<p>This PDF Generator warning occurred when using the OmniPage engine, and Capture treated it as an error:</p> <pre>API_ERRORS_HAPPENED_WARN: Non-fatal error happened during ProcessPages Bronze2</pre>	PDF Generator ignores the warning.
2039483	Obsolete MS Access Database Engine was distributed with the Kofax Capture 11.1 installer.	MS Access 2016 Database Engine is required. MS Access 2010 is recommended and version 2010 is recommended.
2000306	Could not suppress reboot during automated installation of Kofax Capture using .ini files.	With the silent installation of TurboCapture, the installation continues automatically.
2000187	PDF Generator generated an error while compressing PDF/A documents.	PDF Generator compresses PDF/A documents.
1991094	<p>The following error message appeared when running the Batch Summary Report in Report Viewer and was caused by specifying too large a span between the start date and end date of batches being processed:</p> <pre>"Unable to generate Batch Summary Report"</pre>	Batch Summary Report generated successfully.
1988028	When attempting to review the Station Versions in the Administration module, the values were not displayed.	The Station Versions in the Administration module were not displayed.
1976026	Validation script: Changed values in the event DocumentPostProcessing were not saved.	Changed values in the event DocumentPostProcessing were not saved.
1968815	Batch field filters did not display the proper heading or value.	Batch field filters display the proper heading or value.
1960322	Opening or configuring the export connector in the Administration Module displayed as an error in the error logs.	This error no longer appears in the error logs.
1959519	<p>When installing an earlier version of Capture using the AlwaysOn database, the following error would appear:</p> <pre>KC 11.1 SP1 - AlwaysOn Incorrect syntax near '-'. (102) (Line: 1) (ALTER AVAILABILITY GROUP XXXX-XX ADD DATABASE [KofaxDB_xx];)</pre>	This error no longer appears during installation.

ID	Title	Solution
1954300	Developer Guide: Information on how to upgrade from SBL to VB.NET was missing.	This information is now available in the <i>Developer Guide</i> .
1949121	The Utilities.vb item was missing in the Text Export Connector project configuration when source code was loaded from the CaptureSV source folder.	Utilities.vb item is now present in the project configuration.
1947017	PDF Generator failed when using the Enhanced PDF Profile.	PDF Generator operates normally with the Enhanced PDF Profile.
1941378	The Migration Utility listed the wrong parameter "/u" as being used to unassign a user or group instead of "/ua".	The Migration Utility has been updated to use the correct parameter /ua.
1931833	The Capture Export Service would stop processing batches every 12 hours or so, requiring a restart.	Export service processes batches continuously.
1925993	The "Keep barcodes and patch codes on all sides" feature did not work on every page.	The "Keep barcodes and patch codes on all sides" feature now works on every page.
1892952	The RegAscEx registration tool failed to register Kofax Workflow Automation, Kofax Import Connector Plug-In and Kofax Transformation Modules correctly.	The RegAscEx registration tool now registers Kofax Workflow Automation, Import Connector Plug-In, and Transformation Modules correctly.
1891263	Batch field column headings did not display in the Validation module.	"Batch field" column headings now display in the Validation module.
1883328	Switching to a multipage view window in Validation and Verification caused pages to display incorrectly.	Pages in the multipage view window now display correctly.