

About this release

This set of release notes contains important information not included in other Tungsten Transformation documentation. Please read these release notes carefully before you install, upgrade, or use this product.

The full document set for Tungsten Transformation is available from

<https://docshield.tungstenautomation.com/Portal/Products/Xform/2025.1-v55djvzb3q/Xform.htm>.

Quick links

See the following topics for more information about this release.

- [Version information](#)
- [System requirements](#)
- [Product documentation](#)
- [What's new](#)
- [Changes in behavior](#)
- [Resolved issues](#)

Version information

The Tungsten Transformation 2025.1 release has the following build number, which appears in the About Tungsten window:

2025.1.0.0.635

System requirements

Software requirements for Tungsten Transformation are listed in the *Tungsten Transformation Technical Specifications* document, which is available on the Tungsten Transformation 2025.1 [Product Documentation](#) page. The document is updated regularly, and we recommend that you review it carefully before installing your product.


Transformation documentation

To access the full documentation set online, see the Tungsten Transformation 2025.1 [Product Documentation](#) page.

You can access the Transformation documentation online as well as offline.

Full document set

The complete set of Transformation documentation includes the following:

Documentation	Format	Description
Correction	Help	Contains information on how to correct extraction problems on documents using the Correction user module.
Document Review	Help	Contains information on how to review and structure documents using the Document Review user module.
Image Classifier	Help	Provides information about the image classification technology that is used by Statistics Viewer.
Installation Guide	PDF	Provides instructions for installing Tungsten Transformation. In addition, it contains information about installation requirements, important installation notes, modifying the installation, and uninstalling the product.
OCR Server	Help	Provides information about how to access full text OCR on a set of image files and to prepare large sets of documents for classification and extraction to work with other modules and applications.  OCR Server will be deprecated and no longer available in a future version of Tungsten Transformation.
Project Builder	Help	Provides information about creating, configuring, and maintaining a transformation project.

Documentation	Format	Description
Project Merge Tool	Help	Provides information about how to merge two versions of the same project.
Reporting Getting Started Guide	PDF	Provides instructions for installing and configuring Tungsten Transformation at a client site. In addition, it contains information about the data that is reported and the views that are provided by the reporting database.
Scripting Help	Help	Provides scripting examples and how to use the supported script elements.
Server	Help	This help provides information about how to use these tools when processing documents in your solution.
Statistics Viewer	Help	<p>Provides information about the various statistics that are collected for your solution.</p> <p> Statistics Viewer will be deprecated and no longer available in a future version of Tungsten Transformation.</p>
Synchronization Tool	Help	Provides information for integrating Tungsten Transformation with Tungsten Capture so you can process batches.
Thin Client Server Installation Guide	PDF	Provides installation instructions for Tungsten Transformation Thin Client Server. In addition, it contains information about installation requirements, important installation notes, modifying the installation, and uninstalling the product.
Thin Clients	Help	<p>Contains information on the Thin Client user modules.</p> <ul style="list-style-type: none"> • Thin Client Correction contains information on how to correct extraction problems on a document. • Thin Client Verification contains information on how to verify problems on a document. • Thin Client Validation contains information on how to validate problems on a document.

Documentation	Format	Description
Validation	Help	Contains information on how to validate problems using the Validation user module.
Verification	Help	Contains information on how to verify pieces of information on a document using the Verification user module.
XDoc Browser	Help	Provides information about how to use the XDoc Browser and the various representations available in an XDocument.

Offline documentation

If you require offline documentation, you can download it from the [Tungsten Automation Fulfillment Site](#). A single documentation package is available to download that includes the following languages.

- Czech (CS)
- English (en-US)
- French (FR)
- German (DE)
- Italian (IT)
- Japanese (JA)
- Polish (PL)
- Portuguese (pt-BR)
- Russian (RU)
- Simplified Chinese (zh-CN)
- Spanish (ES)
- Swedish (sv-SE)

For instructions on how to implement offline documentation, see the *Tungsten Transformation Installation Guide*.

What's new

The following links provide more information about the new features available in Tungsten Transformation 2025.1.

- [Product rebrand](#)
- [Automatically create fields for locators](#)
- [Document set enhancements](#)
- [Project-wide training document overview](#)
- [Script enhancements](#)

Product rebrand

The product and documentation now use the name Tungsten Transformation. Prior to January 2024, Tungsten Automation was known as Kofax, Inc.

Automatically create fields for locators

When a locator or evaluator method is created you can create the fields that use that locator method automatically. This saves a lot of time and effort when configuring a project.

There is a Create and Assign Fields button to create and assign all fields for a locator method at once. If there are subfields for a locator method, individual links are available for each subfield so users are able to choose which fields to create.

If a locator method is missing anything needed before fields are created, a message is displayed. For example, if a Table Locator has no table model, an appropriate message is displayed.

Once a field is assigned to a locator or evaluator method, links are provided for easy navigation in the Project Tree via the Details pan for fields and locators.

Document set enhancements

The following enhancements to document sets have been made in Tungsten Transformation 2025.1.

Convert training documents to black & white

You can convert training documents to black and white using a shortcut menu setting. These black and white documents are smaller in size than their original source files, resulting in smaller training sets, and smaller project sizes.

PDF documents are converted to bitonal TIFFs and you cannot convert text documents or protected documents. If a text or protected document is included in the selection for conversion, it is skipped.

This setting is disabled for benchmark document sets and protected projects.

Provide document metadata

The image **Resolution (DPI)** and **Dimensions (px)** are both included as columns in the List View and Hierarchy View of the Documents pane. This information enables you to see document size at a glance.

For the List View, these columns are displayed by default in the Classification Set and Extraction Set. These columns are available in Test Sets and Benchmark Sets only if added as a visible column. For the Hierarchy View, these columns are always displayed.

The image **Color Depth** column is available for the List View and need added as a visible column. This provides the color depth of the documents in a document set. Text files, PDF files, and protected documents do not have a color depth.

Any document sets loaded in an earlier version do not have the necessary information to display the resolution, dimensions, or color depth of a document. As a result, the value for this column is set to -. Click on each document to load the metadata information. Alternatively, close the document set and open it again by selecting Source files. this forces the XDoc to be created from scratch.

Allow document renaming

You can rename an XDocument in a document set using a shortcut menu. This enables you to create document sets with useful and easily recognizable names, leaving the underlying source document untouched.

Project-wide training document overview

When viewing the Details for the Project Tree - Project Class, the number of classification and extraction training documents are displayed for each class in a the project.

This provides a quick overview of how many classification and extraction training documents are contained in each class.

Script enhancements

The following enhancements to scripting have been made in Tungsten Transformation 2025.1.

Make XDoc properties writable

The `XDocParagraph.PageIndex` and `XDocWord.Confidence` XDoc properties are writable by script.

This enables users, especially those using third-party recognition engines that are not supported out-of-the-box by Tungsten Transformation, to create XDocs using the results obtained from the recognition engine.

Export project scripts

The Auto export scripts setting is available on the Project Settings - General tab.

When selected, all scripts are exported and saved in a folder called `<ProjectName>_Scripts` that is stored alongside the `.fpr` project file.

The scripts are overwritten each time the project is saved.

Changes in behavior

The following changes have been made to the behavior of Tungsten Transformation 2025.1.

Improve web resource password security

Passwords in plain text are no longer displayed in the Project Builder once a project is saved or exported. This ensures that projects are secure and ensures that only those users who are meant to modify the project are able to do so.

OCR Server deprecation

The OCR Server will be deprecated and no longer available in a future version of Tungsten Transformation.

Upgrade OmniPage engine

The OmniPage recognition engine has been upgraded, improving recognition of bar codes and overall performance.

Upgrade Salience engine

The NLP engine has been updated to the latest version to support more languages and has better accuracy for named entities.

The Salience language packs have been upgraded and extended to include a fourth package that supports Swedish, Finnish, Danish, Norwegian, and Arabic languages.

Upgrade FormXtra engine

The ParaScript FormXtra recognition engine has been upgraded to introduce better multi-language support and better performance.

Resolved issues

Tungsten Transformation 2025.1 is cumulative and includes resolved issues from previous versions, including fix packs released since Tungsten Transformation 7.1.0.

You can view the most recent Tungsten Transformation 7.1.0 fix pack [here](#).

The following are the resolved issues in Tungsten Transformation 2025.1.

ID	Issue	Solution
2156118	Automatic image cleanup does not work.	Automatic image cleanup has been improved and works as expected during runtime.
2133163	Classification training data is not saved after classification training anymore.	Training data is saved after training your project for classification or extraction.
2109158	Table locator needs much more time to extract big tables than in old version.	Improvements to table extraction resulted in quicker extraction times for large tables.
2073525	When a document is used for generic training, it is not marked as trained.	Training works as expected for both generic and specific training.
2071611	License Utility displays error saying cursive hand print recognition is not licensed when there is a license.	Licensing for cursive hand print recognition works as expected.
1985057	Validation does not Reload form with scripted document reclassification.	When you reclassify a document, the documents panel is updated as expected.
1943680	Document review hot keys function differently than in previous versions.	Hot keys behave as expected.

ID	Issue	Solution
1943268	There is a "Structured Exception" in the Validation module when a user reclassifies via script.	Reclassification via script in the Validation module behaves as expected.
1942687	Duplicate value in the Classification list in the Document Review module.	The Classification list includes a single entry for each available class.
1939159	OmniPage recognition results are extracted LTR rather than RTL.	The OmniPage recognition engine successfully extracts right-to-left languages, including Hebrew.
1940338	Thin Client Validation displays errors when using filters in the Batch Open window.	When the browser language is set to a supported language other than English, filters in the Batch Open window behave as expected.
1914733	Database Locator does not exclude Own Address from document during extraction.	The Database Locator successfully excludes the configured address on a document.
1801423	Training set EntityName error.	Assigning a class to a document and then training your project works as expected.
1781783	When editing a combobox with free content, the cursor always jumps to last position.	Editing a combo box with free content works as expected.
1779351	Validation - Batch Editing - Cannot Copy and Paste Page1 to the same document directly.	A copied or cut page can be pasted to the same document.
1750403	Table header text not indicating when a cells are invalid.	The table header text includes the number of invalid cells in a table.
1642304	Project Builder displays locator properties when clicking the up or down arrows in the Project Tree scroll bar.	Clicking scroll bar arrows move the Project Tree pane up or down as expected.

Known issues

The following sections describe known problems, and if available, useful workarounds for Tungsten Transformation 2025.1.

ID	Issue	Description/Workaround
1860412	An unauthorized 401.1 error is encountered when accessing the Thin Client Server in Mozilla Firefox.	Workaround: Refresh the browser.
1537221	Session is not logged out properly when the timeout difference is same or less than 1.5 minutes.	<p>The session timeout message is not displayed correctly and the session is not logged out properly when the following criteria are met.</p> <ul style="list-style-type: none"> In the web.config file, the websocket time and session timeout have the same value. In the web.config file, the difference between the websocket time and the session timeout are less than two minutes.
630605	When documents are copied via drag & drop, an error can occur when the project is trained or when the documents are sorted on disk.	Workaround: When presented with this error, press the Ignore or the Ignore All button. Doing so repairs the defective documents.