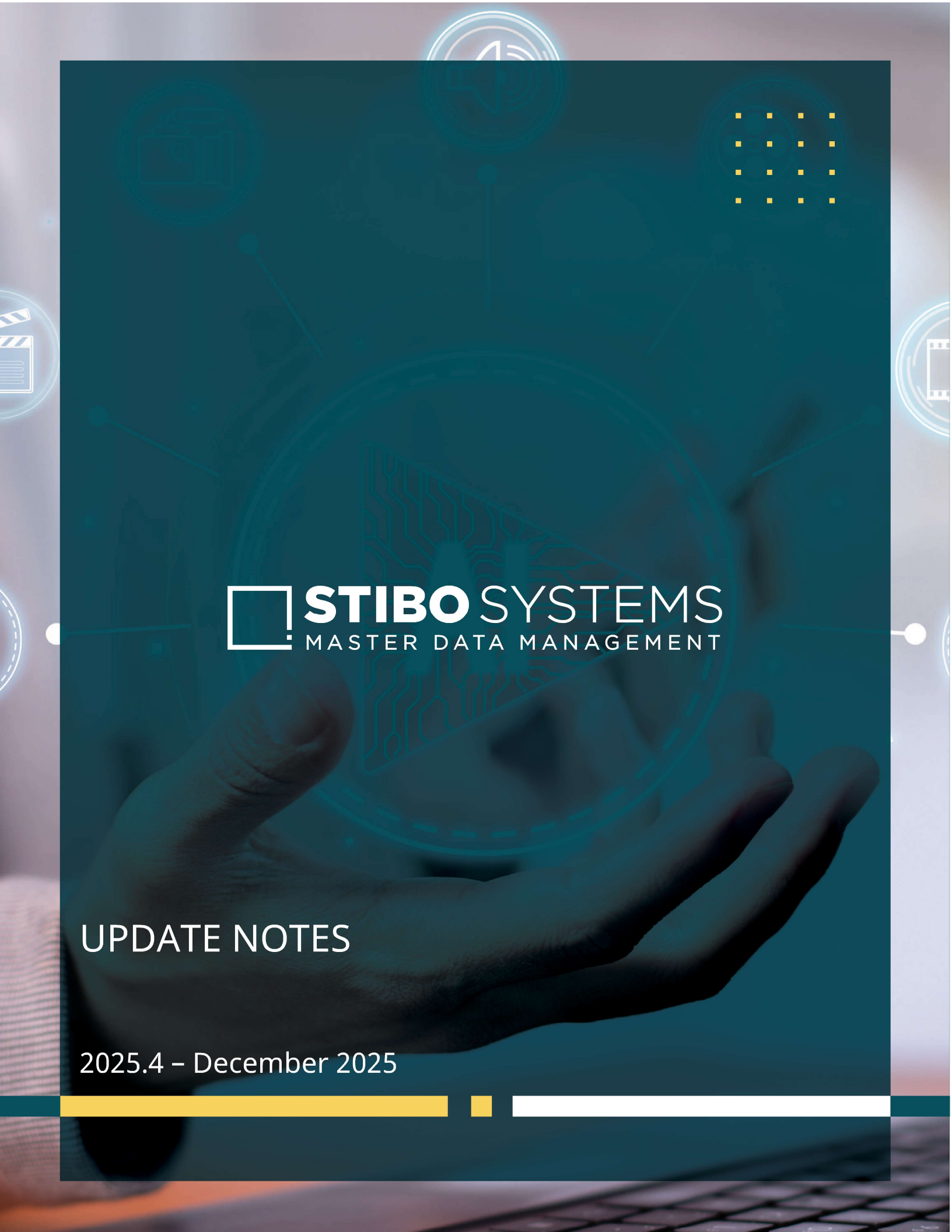


STIBO SYSTEMS
MASTER DATA MANAGEMENT

UPDATE NOTES

2025.4 – December 2025

Table of Contents

Table of Contents **2**

2025.4 Update Notes **4**

Introduction 4

Platform Updates 4

Product Experience Data Cloud Updates 5

PIM Updates 5

Customer and Supplier Data Updates 5

Customer Experience Data Cloud / Business Partner Data Cloud / Supplier Data Cloud 5

Updates and Change Logs 6

Update Guide 7

Train and Connect 7

Stibo Systems Academy 7

Stibo Systems Communities 7

Updating to 2025.4 8

2025.4 Update Guide **9**

STEPXML schema changes from 2025.3 to 2025.4 9

Red Hat Enterprise Linux / Oracle Linux Support 10

Functionality desupported / removed / discontinued 10

Functionality to be removed / discontinued 10

End-of-life schedule for STEP updates 10

Online Help / Documentation Changes 11

Developments in New UI for STEP **13**

Enhanced error messaging for references 13

Conditional attribute display ... 14
Keyboard navigation improvements ... 15
Improved support for collections ... 16
Support for HTML functions in Embedded Content tab ... 16
Tab memory on node switch ... 16
Customer and Supplier MDM Enhancements ... 17
Enhanced unmerge support for multi-valued references and data containers ... 17
Enhanced performance and scale of Match and Merge Importer ... 18
General Enhancements and Changes ... 19
AI-powered Asynchronous translation ... 19
New size limit for workflow variables in JavaScript business rules ... 22
Elasticsearch filtering enhancements ... 22
Upcoming automation updates for Sustainability ... 23
New Scalable ECLASS Advanced Data Model ... 24
SSUI Enhancements and Changes ... 26
Data as a Service Enhancements and Changes ... 27
2025.4 STEP Client Requirements ... 28
STEP Asset Push File Server ... 28
Windows Client ... 30
Mac Client ... 31

2025.4 Update Notes

Some changes made to STEP necessitate action by its users, so it is crucial to review these notes thoroughly. They complement the Online Help, which offers comprehensive details on both existing and new system functionality, providing detailed explanations and step-by-step instructions for use, as applicable.

Introduction

We are excited to share the latest update with you. Stibo Systems consistently creates updates to align with the changing demands of the market and the needs of our valued customers, incorporating enhancements inspired by user requests. The update notes highlight a comprehensive range of new features, enhancements, and other changes that deliver significant value to customers—those mentioned below and many more.

Platform Updates

- Control Service API is a new REST API that allows retrieving Security Events and JavaScript logs.
- Role-Based Access Control is available for the Self-Service UI (SSUI).
- A database backup can be created and restored for Sandbox environments through the SSUI.
- Multiple smaller improvements have been done in the SSUI to extend the self-service capabilities, including a compatibility check for customizations and extensions upon performing an update, additional configuration properties, and an improved change log.
- Request caching in Data as a Service (DaaS) allows repetitive data requests to benefit from improved performance and reduced object consumption.
- New endpoints for configuring consumption limits have been added to DaaS.
- A new binding directive to map all attribute values for attributes within a specified attribute group is available for service schemas in DaaS.

Product Experience Data Cloud Updates

PIM Updates

- Dynamic conditional attribute display available in the New UI for STEP

Customer and Supplier Data Updates

Customer Experience Data Cloud / Business Partner Data Cloud / Supplier Data Cloud

- Improved unmerge support
- Enhanced performance of Match and Merge Importer

> **Important:** Some functionality described is controlled via licenses and/or component installations and may not be available on your system.

Update notes are accessible by clicking on the links below:

- 2025.4 Update Guide
- Developments in New UI for STEP
- Customer and Supplier MDM Enhancements
- General Enhancements and Changes
- New Scalable ECLASS Advanced Data Model
- SSUI Enhancements and Changes
- Data as a Service Enhancements and Changes

> **Note:** Product Data Exchange (PDX) updates typically follow a different cadence than STEP updates. PDX-specific update notes and online help are available within the PDX solution. Once logged into PDX, click Help Center > Documentation using the left navigation panel. Documentation opens in a new tab.

Additional information is included in supplemental materials such as update overview slide decks and update-specific videos. These resources are available, along with these update notes, in the Stibo Systems Service Portal, within the Customer and Partner Communities, and on YouTube.

Product updates are also available on our Stibo Systems website.

Updates and Change Logs

Feature updates are identified by the year and quarter in which they are introduced to customers. The first four digits (2025) indicate the year of the update. The last digit (4) indicates the calendar quarter. To learn more about update frequency, including target update times and end-of-life baseline support dates, refer to the STEP Update Information topic in the System Update and Patch Notes documentation.

Along with the feature updates, there are also SaaS image updates that are made available when security and other critical fixes need to be deployed. These updates follow the same baseline identifier plus timestamps (e.g., step-2025.4-2025-11-25-15-33-04).

Descriptions of these fixes are included in Change Logs. Change Logs can be accessed via the STEP Documentation, available from both your system's Start Page or from within the workbench.

NEW FOR 2025.4: Introduced with the previous update, Change Logs can now also be accessed from our new documentation site (https://doc.stibosystems.com/) and filtered by component.

Note: Customers may want to search Stibo Systems Service Portal for their Issue Numbers (if shown). To do so, while in the Stibo Systems Service Portal, navigate to Issues (in the header bar) and select 'Search for Issues.' Click on the 'Advanced' option on the filtering bar and then type in 'issue=' and the issue number. Press Enter or click the magnifying glass icon to run the query. **Users can only view Stibo Systems Service Portal issues for issue numbers they have privileges to access. If the issue is not applicable to the user searching, then a 'No issues were found to match your search' message displays.**

Update Guide

In addition to the individual update notes, customers should read the 2025.4 Update Guide. This guide provides information that existing customers need to know prior to updating. This includes actions required for deprecated components and unsupported functionality.

The Update Guide includes information about actions that existing customers need to take prior to updating to the latest version.

Train and Connect

Expand your expertise and connect with fellow users.

Stibo Systems Academy

Maximize your investment in Stibo Systems Master Data Management (MDM) by taking Academy courses and completing our certification programs. The MDM Academy provides hands-on training opportunities for both customers and partners, aiming to enhance your understanding of Stibo Systems' MDM solutions. Comprehensive details regarding classes and programs can be found on our website.

Stibo Systems Communities

We strongly encourage all customers and partners to actively participate in their dedicated Stibo Systems' Communities. Community initiatives are designed to help you maximize your experience, share knowledge, and build valuable relationships with peers who understand your

challenges and goals. Stay updated on upcoming events and much more by registering today.

Updating to 2025.4

Updates can be done in the SaaS Self-Service UI (SSUI) if available, or by raising a request with Stibo Systems Support. More information on the update process in the SSUI can be found in the Update Environment section in the built-in User Guide.

For information on the preview period and mandatory updates, refer to the STEP Update Information topic in the System Update and Patch Notes section of the documentation.

For customers that have custom add-on components and/or if Stibo Systems Support is deploying your system updates, submit an update request via the Stibo Systems Service Portal. For customers and partners who have built their own custom extensions with Extension API, evaluate the need to recompile and redeploy extensions prior to upgrading. Refer to the STEP Extension API Guide available via the Technical Documentation accessible at [system]/sdk or from the system Start Page.

This document is intended for use by active Stibo Systems Enterprise Platform (STEP) users and partners and describes the above and other new functionality and improvements in greater detail. It does not serve as a replacement for the online help, which includes additional information on previously existing and new system functionality, as well as more detailed explanations and step-by-step instructions for use, when appropriate.

2025.4 Update Guide

Summary

System updates are your first line of defense against security threats while also boosting performance, ensuring compatibility, and unlocking exciting new features that add value to your digital experience. Regular updates not only protect your data and keep your system running smoothly, but they also give you access to innovative tools and capabilities that can enhance your productivity and user experience.

Important: Customer action may be required.

- Before updating to 2025.4 from an older version, be aware of system changes. The list that follows may not be comprehensive; however, along with the full update note-set, it provides a starting point for update evaluation.
- On-premises installations are not supported.
- Review the 2025.4 STEP Client Requirements topic, which can be found in the System Update and Patch Notes section.
- Users should be familiar with two online help topics (License and Component Lifecycle and Deprecations and Lifecycle Changes) that provide more details around deprecations, other lifecycle changes, etc.
- To improve performance of future reindexing processes, it is recommended to reindex any Elasticsearch configurations that are in use after the update.

Details

STEPXML schema changes from 2025.3 to 2025.4

When customers export inherited data containers, it is now validated against the XSD.

Red Hat Enterprise Linux / Oracle Linux Support

Red Hat Enterprise Linux (RHEL) / Oracle Linux 9.6 (or higher minor release) is now supported for asset push file servers.

Functionality desupported / removed / discontinued

The 'Invert' button found when filtering facets on a Web UI search screen has been removed.

Functionality to be removed / discontinued

New UI for STEP's Languages tab: In 2026, the Languages tab in the New UI for STEP will be replaced with a new Contexts tab. The Contexts tab will enable users to manage and work with data across multiple contexts. Additionally, a dedicated Translations tab will be introduced to support translation-specific use cases. For additional detail, refer to this page (and the update notes) in future releases.

End-of-life schedule for STEP updates

All feature updates are exclusive to SaaS customers.

Below is a table outlining the end-of-life schedule for the STEP updates shown. Dates in parentheses represent target dates for future updates, providing customers the information needed to plan ahead. Future updates will include additional dates as they become available.

> ⚠ **Important:** Refer to the updated STEP Update Information topic in the System Update and Patch Notes section for more information about quarterly update target dates and support end dates for future updates. The testing period is approximately 90 days. The exact start and end dates depend on when the update becomes available to customers and when Global Support Services schedules continuous updates.

Update	Testing Period	Mandatory Update to Production *Refer to the 'Continuous Updates' email you will receive from Stibo Systems for exact dates and further details.*
2025.2	June 2025 - September 2025	September 12, 2025
2025.3	September 2025 - December 2025	December 19, 2025
2025.4	December 2025 - March 2026	Friday prior to the 2026.1 update (March 2026)
2026.1	(March 2026 - June 2026)	Friday prior to the 2026.2 update (June 2026)
2026.2	(June 2026 - September 2026)	Friday prior to the 2026.3 update (September 2026)
2026.3	(September 2026 - December 2026)	Friday prior to the 2026.4 update (December 2026)
2026.4	(December 2026 - March 2027)	Friday prior to the 2027.1 update (March 2027)

Customers should update as soon as possible to the latest version of the Stibo Systems Enterprise Platform (STEP). If you have questions and/or to receive help and guidance on how to update to a supported version, submit an issue within the Stibo Systems Service Portal. Also, refer to the SaaS 'How To' videos located on the Stibo Systems Service Portal for information about updating your version via the SaaS Self-Service UI.

Software errors reported for the versions shown above may be rejected once support ends and issues in progress for those updates will be closed. It is not possible to extend the support services for desupported versions.

Online Help / Documentation Changes

With every update, documentation updates occur. In addition to online help that is updated as part of the projects listed in this update note set, users should be aware of the following documentation updates when updating to 2025.4:

- The Reports section of the documentation has been removed as SQL API is no longer supported for SaaS customers.
- A new section called, Artificial Intelligence (AI) Options with STEP, which details AI solutions and use cases, has been added to the Solution Enablement documentation.

Developments in New UI for STEP

Summary

The 2025.4 update introduces several features to the New UI for STEP (also referred to as Instrument), aimed at expanding the functionality and improving efficiency and the user experience.

The following updates have been made:

- Error messaging in tables has been improved when using cut and paste.
- Attributes, data containers, and references now support conditional attribute display, streamlining data entry and enhancing data accuracy.
- Keyboard navigation is now supported.
- Browsing and refreshing collections created in the workbench and the Web UI is now supported.
- HTML Functions are now rendered in detail pages via the Embedded Content tab.
- The new UI now retains the selected tab when switching between nodes.

⚠ **Important:** As of 2025.1, the STEP Instrument Documentation is part of the STEP Documentation.

Details

Enhanced error messaging for references

Users will now see more descriptive error messages when using the copy and paste functionality.

For example, when users attempt to paste values from a multi-value cell into a single-value cell, this error will display:

Additionally, users will also see informative notification messages when they paste data into cells that are invalid for object type, data type, etc.

By providing more information about the underlying cause of the error, users can quickly assess and address any issue that arises, thus improving speed and work process efficiency.

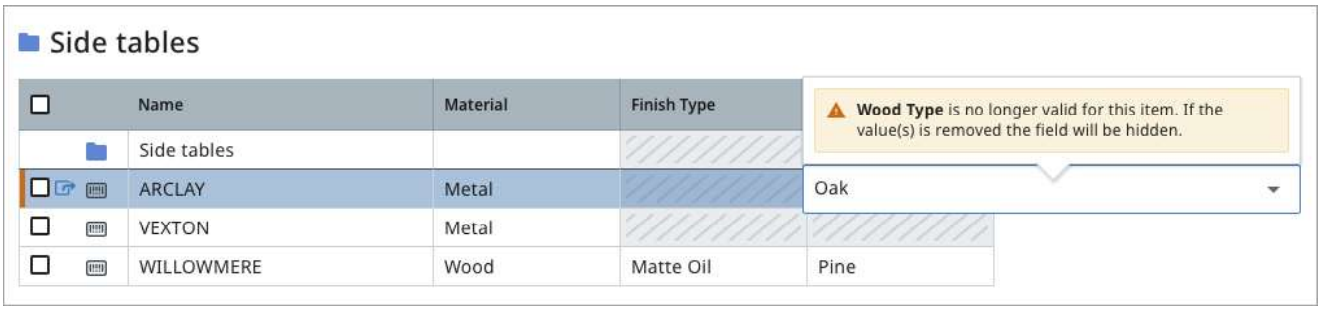
For more information on error messaging in the new UI when using copy and paste, refer to the References topic.

Conditional attribute display

This update introduces enhanced support for conditional attribute display, extending the conditional display functionality to include attributes, references, and data containers. This enhancement is exclusive to the new UI.

Conditional attribute display is configured through the Conditional Validity Attribute in the workbench. This functionality allows administrators to define when attributes, data containers, and references should be visible and valid, based on specified conditions, without requiring JavaScript knowledge.

Users benefit from a more intuitive interface where relevant fields display automatically as conditions are met, or do not display if the conditions are unmet. This dynamic behavior ensures that changes are applied immediately, and that fields become valid or invalid depending on the values of other fields.



For more information, refer to the Conditional Attribute Display topic in the System Setup documentation.

Keyboard navigation improvements

Keyboard navigation within the new UI has been improved and expanded for tables with enhanced capabilities for moving between cells and opening and closing cell editing using only the keyboard. In an effort to increase usability and accessibility in the new UI, users can now:

- Use the arrow keys to move cell focus up, down, left, or right.
- Use the 'Enter' key to open and close the cell editor (if editable) and save edits.
- Use the 'Enter' key to shift cell focus down a row to the next editable cell following a completed edit in the cell above.
- Use the 'Tab' key to shift cell focus to the right. Use 'Shift' and 'Tab' together to shift cell focus to the left.
- Use the 'Esc' key to close the editor.
- Use the 'Shift' and 'A' keys together to select all rows in a table.
- Use 'Shift' and 'Spacebar' keys together to select an in-focus row.

By streamlining user interactions with tables, users can enrich and submit products more quickly, add data more accurately, and complete more tasks in less time.

For more information on keyboard navigation, refer to the Instrument Keyboard Navigation topic.

Improved support for collections

Users can now browse and interact with collections and collection groups through browse perspectives. Previously, collections could only be created in the STEP Workbench and in the Web UI. Users can also refresh search-based collections directly in the new UI. This enhancement addresses previous limitations where collections created outside the new UI were inaccessible.

For more information, refer to the Toolbar topic in the Instrument User Interface documentation.

Support for HTML functions in Embedded Content tab

The new UI supports rendering external HTML content on a detail page using the existing Embedded Content tab framework. This framework has been extended to support HTML functions (business functions that return HTML) via a specific URL template.

This enables you to view read-only data aggregated from multiple sources or formatted in specific ways, even when the data is not directly available on the current object.

For more information, refer to the Embedded Content Tab topic in the Instrument User Interface documentation.

Tab memory on node switch

When using the new UI, the system now remembers the selected tab when switching between nodes. This eliminates the need to reselect tabs when moving between objects.

Customer and Supplier MDM Enhancements

Summary

The following enhancements to Customer Experience Data Cloud (CXDC), Business Partner Data Cloud (BPDC), and Supplier Data Cloud (SDC) functionality have been made as part of the 2025.4 update. These changes are outlined below and described in the Details section that follows:

- This update enhances unmerge functionality for restoring multi-valued references and data containers by addressing cases where survivorship rules did not re-write identical elements during merging, as well as merges of golden records or source records with missing elements.
- Concurrent Machine Learning Matcher invocations now enhance Match and Merge Importer performance and eliminate import slowdowns.

Details

Enhanced unmerge support for multi-valued references and data containers

The 2025.3 update introduced enhanced unmerge functionality in STEP, allowing the restoration of manually created multi-valued references and multi-valued data containers that were removed from the surviving record during a merge process.

With the 2025.4 update, this functionality is further improved to handle unmerge scenarios where survivorship rules did not re-write identical elements during merging as well as scenarios with merges of a golden record or source record with missing elements. Previously, this prevented the unmerge logic from restoring all relevant elements. The updated algorithm now reads data from the deactivated golden record or source record to determine the correct restoration action.

These enhancements enable users to reverse merge operations more comprehensively, ensuring that all applicable data elements are restored and data integrity is preserved.

For more details, refer to the topic Match and Merge Clerical Review - Unmerge in the Matching, Linking, and Merging documentation.

Enhanced performance and scale of Match and Merge Importer

This update enhances the performance of the Match and Merge Importer when the Machine Learning Matcher is used during data imports. Previously, invoking the Machine Learning Matcher was a blocking operation in the ranking process, which significantly slowed down import performance. With this enhancement, many invocations are now made to the Machine Learning Matcher concurrently, enabling the Match and Merge Importer to maintain optimal import speeds even when the Machine Learning Matcher is configured.

Organizations can now leverage the advanced matching capabilities of the Machine Learning Matcher without compromising import throughput, ensuring efficient data processing for large-scale data imports.

For more information about the Match and Merge Importer, refer to the topic IIEP - Configure Match and Merge Importer Processing Engine in the Data Exchange documentation.

General Enhancements and Changes

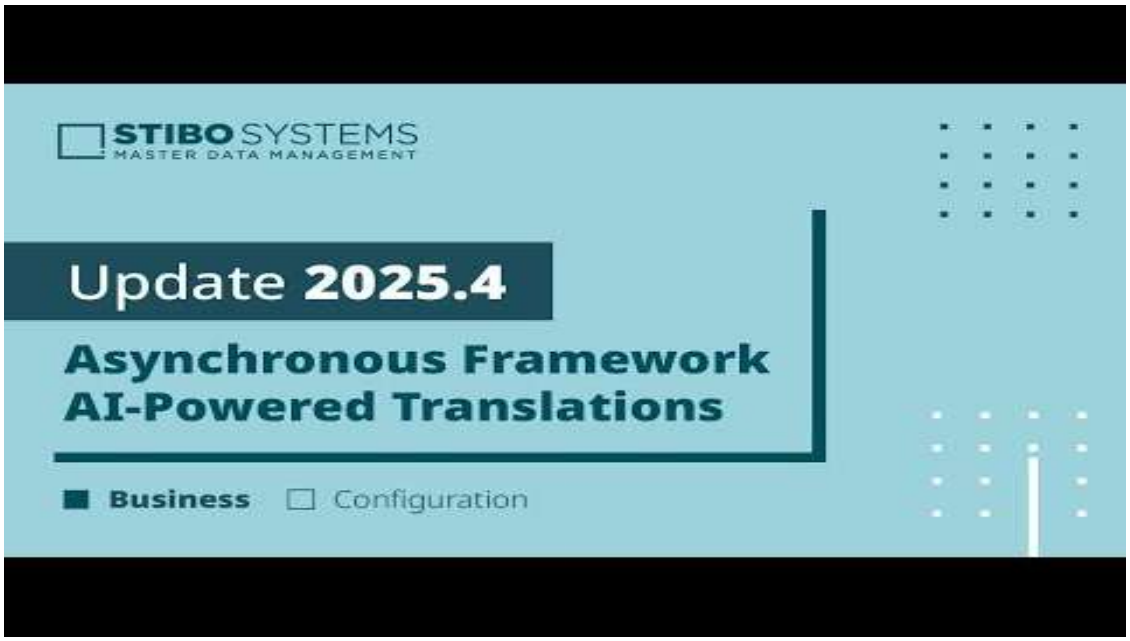
Feature Highlight

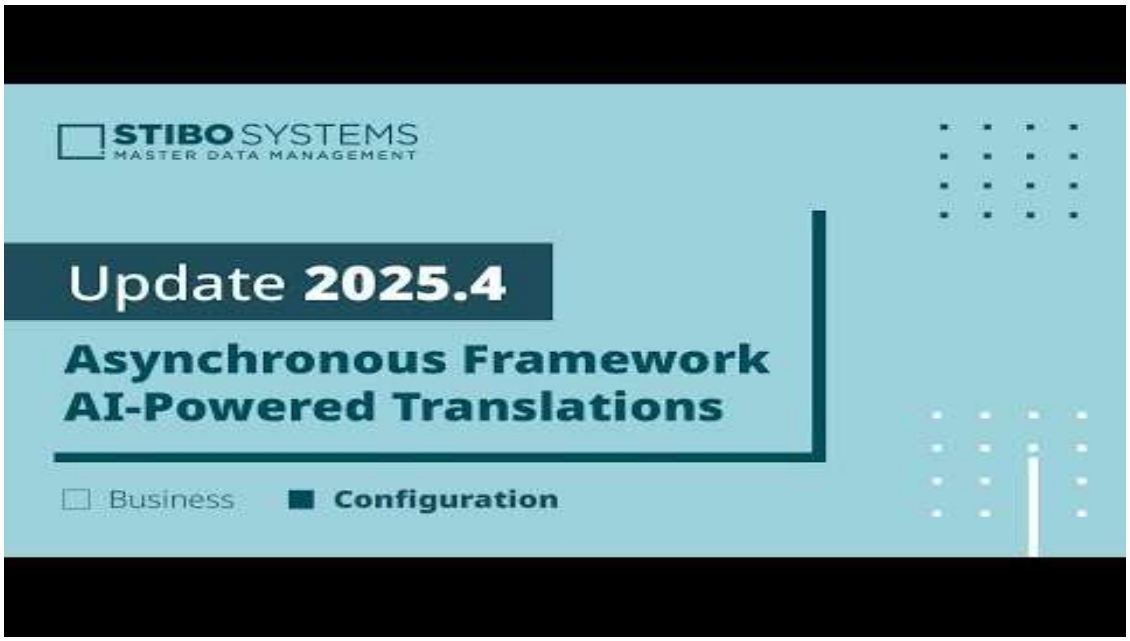
AI-powered Asynchronous translation

Further expanding Stibo Systems' range of AI-powered offerings, STEP's asynchronous translation capabilities now support automated data translation into any language using AI. By configuring a connection between STEP and an Azure-hosted large language model (LLM) using asynchronous translation, users can now send translatable data to the LLM and receive translated content back rapidly, dependent on the size and complexity of the translations being processed.

	MessageToTran...	German (Germ...	Long Item Description
		Re-translation needed	This is about the earliest guitar amp ever produced. Originally intended for lap steels, these amps paved the way for the earliest of archtop electric guitars.. Sold as is..the power cable is dry rotted and needs replaced. The unit may be operational...
		Up to date	1932 National Triolian, Acoustic Steel body, Frosted paint finish, Round neck, 12 Fret, EC, NHSC
		Not translated	1947 D'Angelico Tenor archtop guitar, Blonde finish, Very rare model, Attractive Flamed Maple, 17 inches wide at the lower bout, Replaced pickguard & some restoration, Bound Ebony fingerboard with Pearl Block inlays, Carved Ebony bridge, Custo...
		Not translated	1950's Rickenbacker Professional 12, "Rick" Speaker grill design, 12 inch speaker, Has updated power cable, Original Leather handle needs to be replaced, It is running but only at low volume, Recommending servicing to achieve best sound quality, Ra...
		Not translated	1953 Fender Precision Bass, Stunning example, Signed by Tadeo Gomez, See Thru Blonde finish, Black Guard, Fantastic feeling neck, Fabulous instrument, Both Covers, EC, Nice original gig bag
		Not translated	
		Up to date	1966 Guild DE-500, Duane Eddy model, Sunburst, Rare top of the line model, All Gold hardware, Gorgeous inlays, Beautifully Flamed Maple back, Original Guild Bigsby, Hang tag, Stunning near mint condition, Clean original hard case
		Not translated	1967 Rickenbacker 360, Mapleglo finish, Rosewood fingerboard with Crushed Pearl inlays, Bound back, Two pickups, "R" Tailpiece, Nice low action, Superb guitar! EC, OHSC
		Up to date	1992 Ibanez George Benson GB-10, MIJ, Cutaway, Sunburst, Wide at the nut, 24 & 3/4 inch scale, 14.5 inches wide at the lower bout, Wide at the nut, Two floating mini humbucking pickups, Spruce top, Maple back, sides & neck, Ebony fingerboard with...

Previously, asynchronous translation only supported traditional translation methods, like translation agencies, which often entailed lengthy translation cycles and high costs. By leveraging AI with STEP's powerful asynchronous translation workflow, users can move objects through translation more quickly, at a lower cost, and reap the benefits of pushing translated product data to relevant markets faster than ever.





For more information on configuring asynchronous translation powered by AI, refer to the Configuring and Using Asynchronous Translation using AI topic.

Summary

The following enhancements and changes have been made as part of the 2025.4 update:

- Microsoft Office asset documents no longer use LibreOffice to autogenerate a preview in the workbench or Web UI. Microsoft Office asset thumbnails now display an icon indicating the document type, such as .DOC, .XLS, or .PPT. This change improves resource consumption and stability. Refer to the Asset Previews in Web UI topic in the Web User Interfaces documentation.
- Diagnostic file contents now automatically include additional business rule and calculated attribute information to assist in troubleshooting. Refer to the Send Diagnostics topic in the Administration Portal documentation.
- STEP and SSUI technical users now have machine-to-machine integration functionality via the Control Service API. This new REST-based API gives access to Security Event Logs (available in the SSUI since the 2025.3 update) and JavaScript business rules logs (as defined in the JS Logs section of the Logs topic of the Administration Portal documentation). For full details, refer to the 'Control Service API' section of the Technical Documentation, available at [system]/sdk or accessible from the Start Page.
- Users creating or scheduling a bulk update can now optionally skip the Preview step, which, depending on business rule configuration, can execute irreversible actions such as email notifications or REST calls. Refer to the Bulk Update Operations or the Scheduling Bulk Updates for Collections topics in the Bulk Updates documentation.
- The STEPXML XSD is now updated to reflect inherited attributes on the data container type, enabling the STEPXML to be validated. Refer to the XSD link under the STEPXML section of the Technical Documentation, available at [system]/sdk or accessible from the Start Page.
- Scheduled processes now support a configurable priority when using the One Queue background process execution mechanism. After a process is created, a priority can be assigned, which the One Queue scheduler uses to determine the execution order of waiting processes. This change ensures that these background processes start more promptly. Refer to the BGP One Queue topic in the System Setup documentation.
- When the user aborts an in-progress BGP, it should now terminate more quickly. Any required data rollbacks performed by the system should also resolve faster.

These enhancements and changes are also included in the 2025.4 update and are described in the Details section that follows:

- Workflow variables are now automatically limited to 1 MB to prevent excessively large values that can cause JavaScript business rules to fail.
- Users can now search for an unlimited number of distinct facet values using Elasticsearch in the Web UI search screen.

Details

New size limit for workflow variables in JavaScript business rules

Bound workflow variables are workflow variables that are associated with an attribute. These workflow variables use the attribute's validation, potentially limiting the size of a value through the Maximum Value parameter. While it is common to use business rules to append text to a workflow variable value during processing, this can result in an excessively large value when the variable is unbound. Unbound variables are now limited to a size of 1 MB to improve business rule success rates.

In JavaScript business rules, setting workflow variable values on simple variables are now limited to 1 MB using `setSimpleVariable(String variableID, String simpleValue)`. When a value larger than 1 MB is required, use `getValue(String attributeID)`, which returns a value and requires that the variable is bound to an attribute, enabling attribute validation to constrain the value size limit.

For information, refer to the Workflow Variables topic in the Workflows documentation. Also refer to the Javadoc link under the Extension API section of the Technical Documentation, available at [system]/sdk or accessible from the Start Page.

Elasticsearch filtering enhancements

Beginning with the 2025.4 update, users can now search for an unlimited number of distinct facet values when filtering facets. Previously, this was set to a limit of 1,000 values. There remains a 1,000 value limit on what can be displayed at once when viewing a facet, but a message now notifies the user if the number of values exceeds 1,000. Note that the total count for each value in the dataset does not impact the display limit.

In addition to these changes, the 'Invert' function on the search screen has been removed.

For more information, refer to Search Screen Static Facets topic in the Web User Interfaces documentation.

Future Updates

Upcoming automation updates for Sustainability

Significant automation improvements are on the horizon for the Sustainability Data Management solution, with updates slated for the upcoming 2026.1 release.

Stibo Systems' Sustainability solution will roll out high-impact improvements related to easy management of ISO certifications, recycling standards, and assessment expirations in the spring of 2026 for all new installations.

For more information on our Sustainability offering, refer to the Introduction to Sustainability topic.

New Scalable ECLASS Advanced Data Model

The scalable ECLASS Advanced data model introduces a new approach to handling ECLASS Advanced structures in STEP. This streamlined approach reduces database and memory usage, simplifies the overall data structure, and enhances import and export performance, ensuring the platform can scale efficiently.

The new solution includes the following features:

- **Compact data representation**

  The hierarchical structure is now serialized into a single attribute on the product itself for each ECLASS version (for example, 10, 12, and 14), significantly reducing complexity and improving system performance. Internally, the data is represented in CSV format using IRDI identifiers, eliminating any dependency on STEP-specific IDs.

- **Reduced node count**

  Additional STEP nodes for aspects and blocks are no longer required, resulting in a substantially smaller database footprint and reduced memory consumption.

- **Improved import and export performance**

  The new data model delivers improved performance, particularly during imports, as node deletions in STEP are no longer required. Overall, both import and export processes are faster because the model now converts a single text object instead of multiple STEP nodes.

- **Language and locale support**

  Language and country dimensions are now handled within the model itself, removing reliance on STEP's dimension system.

> ⚠ **Important:** These changes require a migration that must be carefully planned, agreed upon, and executed to prevent system disruptions. If your environment is impacted, contact your Stibo Systems Account Manager to discuss next steps.

Although the new data model addresses the scalability and performance challenges, it is not yet supported in the ECLASS Advanced Editor. Additional enhancements will be introduced in subsequent phases.

For more information on this new ECLASS Advanced solution, refer to the ECLASS: European Classification for Advanced e-Commerce section in the Solution Enablement: Data Management ECLASS Advanced documentation.

SSUI Enhancements and Changes

The following enhancements and changes have been made for all SaaS environments and may be further documented in the SaaS Self-Service (SSUI) 'User guide'. These improvements have been made available between the 2025.3 update and the 2025.4 update.

- Security and governance improvements are now available through role-based access control for customers who use external authentication for user access. This enables customers to assign roles per user, ensuring users can access only the functionality relevant to their role.
- Sandbox environments now offer the ability to create and restore a database backup. This enables faster resets to a baseline state, ideal for manual and automated testing and other scenarios requiring a quick environment refresh.
- Customers can now validate whether active customizations or extensions are compatible with a new STEP version before updating. This proactive check prevents incompatible updates and provides guidance on required changes.
- Updating to a new image within the same STEP version now includes an improved, easier-to-read delta change log. Unnecessary information has been removed, and a new component filter allows users to focus on relevant changes only.
- The 'Configuration properties' tab continues to be improved and now includes configurations for the MongoDB Delivery Method and Scene7 Adapter. For information about a property, search for the property name within the STEP Online Help.
- Platform changes and service disruption alerts from https://statushub.mdm.stibosystems.com are now displayed within the Self-Service UI. This integration ensures that users receive timely updates on critical alerts, changes, and outages directly in the UI.

Data as a Service Enhancements and Changes

The following enhancements and changes are included in the latest Data as a Service (DaaS) update and are further documented in the built-in DaaS 'User guide.'

- DaaS now supports the ability to cache data requests, allowing for activation and lifetime configuration of the cache at a service level. Previously, repetitive data requests were always served individually in DaaS, even when the data did not change and/or changes were not relevant to a consumer. Now, individual data requests can be configured to either leverage or bypass the cache based on its age. In addition, monitoring capabilities have been extended to provide visibility into cache usage and cache misses. Request caching can result in significantly faster response times and reduced object consumption for repetitive data requests.

  This functionality is being rolled out gradually and is currently only available on request.

- Users can now configure request and object request limits at the global (environment), service, or consumer (API key) level via the DaaS Management API. This can prevent possible over consumption, especially for non-production instances during implementation and testing.

- A new binding directive, @mapValuesByAttributeGroup, has been introduced to enhance attribute value mapping capabilities. This directive enables users to map all attribute values in a service that are associated with attributes belonging to a specified attribute group. With this enhancement, users can now manage which attributes are exposed in individual services directly within STEP, providing greater control, flexibility, and consistency in service configurations.

- The new DaaS update leverages the latest libraries and components offered by Microsoft Azure, resulting in substantial performance improvements and reduced storage usage. By taking the update, users will benefit from faster response times, improved parallel processing, and lower storage consumption, allowing them to manage more data within existing limits.

2025.4 STEP Client Requirements

This document outlines the requirements for Windows and Mac clients working with Stibo Systems Enterprise Platform (STEP). It is our recommendation that customers use the latest version of any given supported version. And, while we strive to give advance notice before desupporting any version, there are times we must work with third-party support / desupport dates when considering compatibility.

STEP Asset Push File Server

The Asset Push client can be installed on any server to make digital assets available as files. This is, for example, required if high-resolution images need to be made available in remote locations (i.e., offices with a limited bandwidth internet connection) for STEP Publisher (using Adobe® InDesign® Client).

Server Component	Supported Software
Hardware architecture	x86-64 (aka. x64, AMD64, Intel 64)
Operating system (OS)	Red Hat Enterprise Linux 9.6 (or higher **minor** release) 64-bit Oracle Linux 9.6 (or higher **minor** release) 64-bit *(UEK4/UEK3 or RHCK)* [1] Red Hat Enterprise Linux 8.9 (or higher **minor** release) 64-bit Oracle Linux 8.9 (or higher **minor** release) 64-bit *(UEK4/UEK3 or RHCK)* [1] MS Windows Server 2022 / 2019 [2]
Server runtime environment	Java 21 (64-bit)
Application software	Asset Push [3]

[1] UEK = Unbreakable Enterprise Kernel, RHCK = Red Hat Compatible Kernel.

[2] On Windows Server OS, it is a requirement to run the English language version.

[3] The Asset Push client is configured to retrieve images from the STEP environment (from a queue that will be used by STEP to 'push' the images to) and store those in the filesystem.

Windows Client

Client Specification	Supported Software
Total System Memory	Minimum 8 GB
Operating System	Windows 11
Storage	Minimum 5 GB free disk space for STEP Workbench installation, including client cache. Additional free storage required for usage of DTP applications.
Software	• STEP Workbench Client • Adobe InDesign® CC 2025 latest update [1, 2] • Adobe InDesign® CC 2024 latest update [1, 3] • Browsers: Chrome, Firefox, and Edge [4] • Microsoft Excel: Microsoft 365, Office 2021, Office 2019, Office 2016 (64-bit), 2013, 2010, and 2007

[1] Client version must match the server major version.

[2] Currently supported on Windows 11 versions 22H2, 23H2.

[3] Currently supported on Windows 11 versions 21H2, 22H2.

[4] The latest versions of the browsers shown are supported. Organizations should ensure that they are using the latest / most up-to-date browser version to have the best possible user experience. The term 'latest' is defined by the browser vendor. Check with browser vendors to determine the latest version available. Stibo Systems strives to test all new supported browser versions, and on very rare occasions, may need to provide special instructions if a browser update has backward compatibility issues.

Mac Client

Client Specification	Supported Software
Total System Memory	Minimum 8 GB
Operating System	• macOS 26 (Tahoe) • macOS 15 (Sequoia) • macOS 14 (Sonoma)
Storage	Minimum 5 GB free disk space for STEP Workbench installation, including client cache. Additional free storage required for usage of DTP applications.
Software	• STEP Workbench Client • Adobe InDesign® CC 2025 latest update [1, 2] • Adobe InDesign® CC 2024 latest update [1, 3] • Browsers: Firefox, Safari, and Chrome [4] • Microsoft Excel: Microsoft 365, Office 2021, Office 2019

[1] Client version must match the server major version.

[2] Currently supported on macOS versions 14 and 15.

[3] Refer to the Adobe InDesign® CC 2024 system requirements described on Adobe's website.

[4] The latest versions of the browsers shown are supported. Organizations should ensure that they are using the latest / most up-to-date browser version to have the best possible user experience. The term 'latest' is defined by the browser vendor. Check with browser vendors to determine the latest version available. Stibo Systems strives to test all new supported browser versions, and on very rare occasions, may need to provide special instructions if a browser update has backward compatibility issues.