

2024.4

# Update Overview

- **Customer Overview: December 11**

**Customer Community**  
Update Page

**Product Updates**  
Webpage

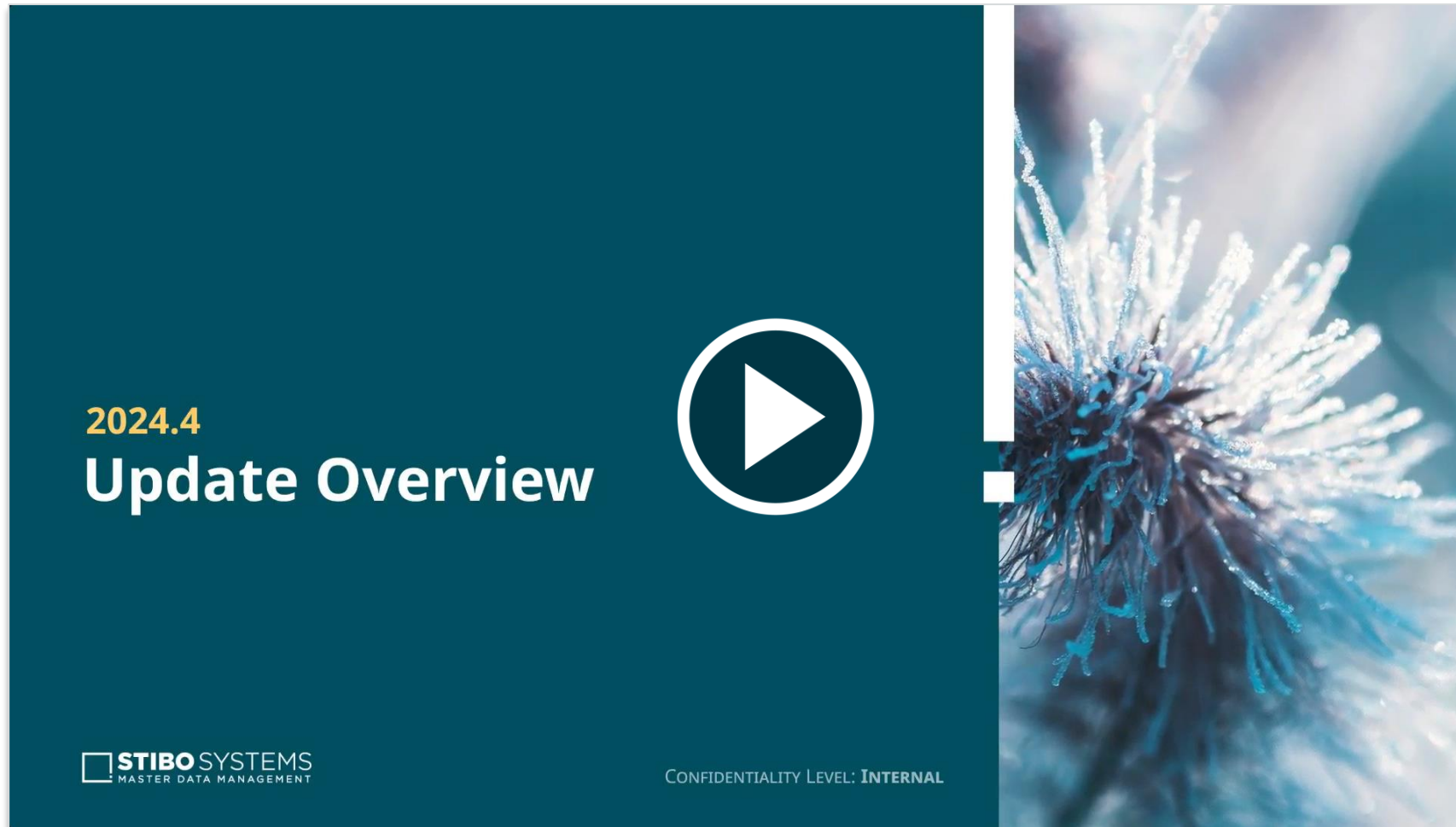


# CONNECT 2025

Stay tuned for more!

# Watch the 2024.4 Overview Video!

Click on the thumbnail below for a detailed presentation of the 2024.4 Update.



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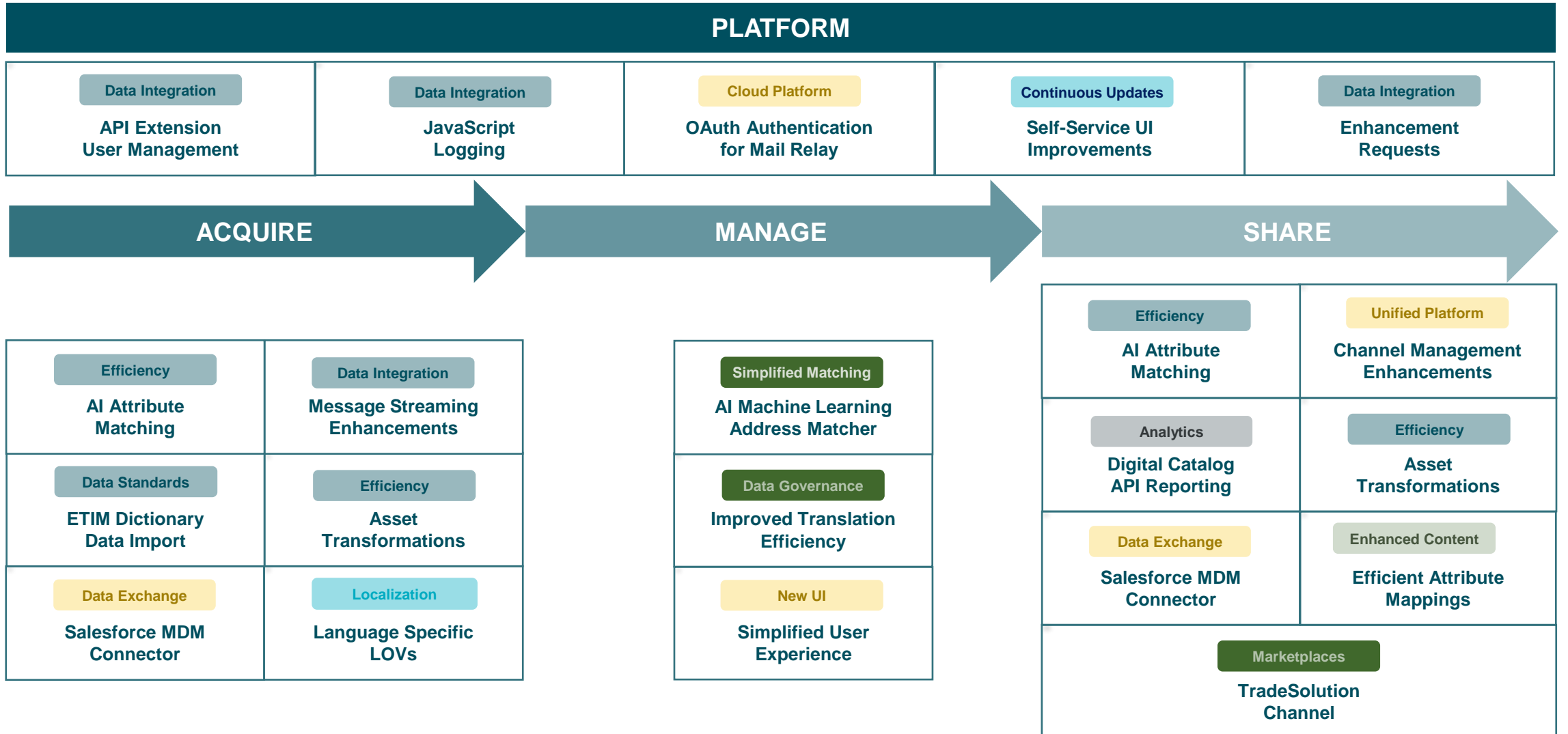
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# 2024.4 Update Initiative Map

Looking for more info? Click the white tiles!



**Marc Richards**  
Director, Product Management



# MDM Platform

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# MDM Platform

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# Message Streaming Enhancements

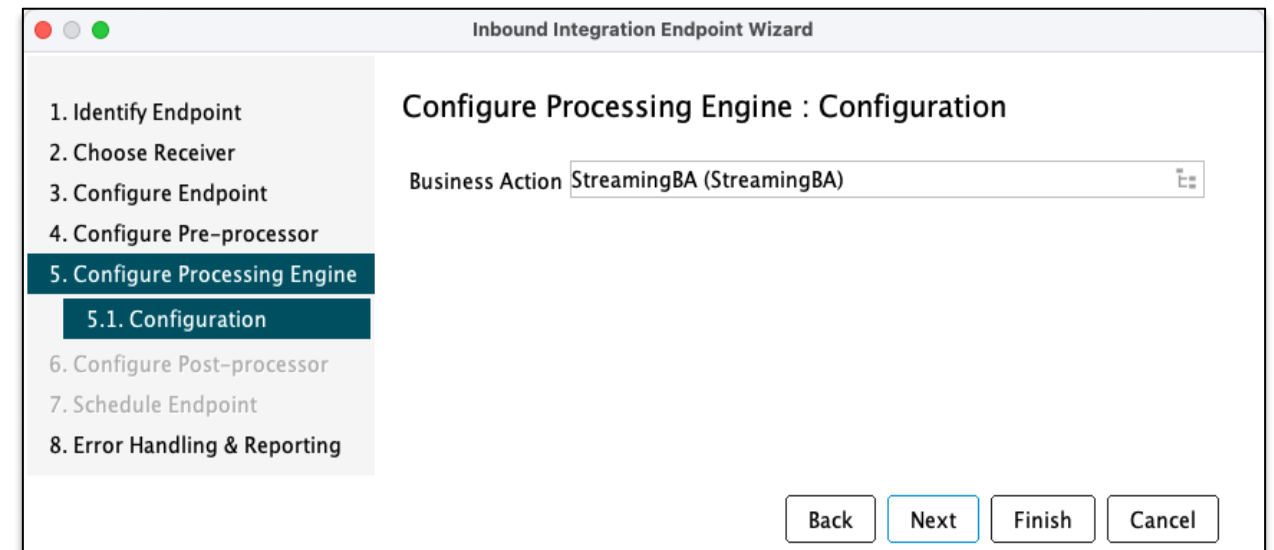
Data Integration

Businesses must be able to exchange data with commonly used technologies in their ecosystem that support scalable and high-volume integrations

@ADMIN

In [2024.2](#) we introduced the first iteration of a new Kafka-based streaming component. This near real-time, event-based message import without background processing allows customers to onboard more data faster.

With update 2024.4, as requested by our customers, we are extending our Message Streaming solution with the ability to handle an import with a Business Action and through that, handle custom formats, for example JSON. This will allow for more complex management of business requirements on import, like checking data or modifying objects based on received information.



UPDATE NOTES

Included in Base ←



# API Extension – User Management

To minimize operational overhead of user management, it is essential to automate and reduce manual effort

Up until today, STEP didn't have any API access to alter Users and User Groups.

With update 2024.4, we are solving this and introducing support for User and Group management with a series of REST resources:

- Get user information
- Create a new user
- Delete a user
- Set the user email and attribute values
- Create groups
- Delete groups
- Link/unlink users from groups
- Set value and name on users and groups

UPDATE NOTES

Data Integration

@ADMIN

User groups	
GET	<code>/user-groups/{id}</code> Returns the user group with the specified ID
PUT	<code>/user-groups/{id}</code> Creates or replaces user group with known ID
PATCH	<code>/user-groups/{id}</code> Partially updates user group with known ID
DELETE	<code>/user-groups/{id}</code> Deletes user group with the specified ID
GET	<code>/user-groups/{id}/users</code> Returns IDs of users being members of this user group
GET	<code>/user-groups/{id}/children</code> Returns subgroups of the user group with known ID
Users	
GET	<code>/users/{id}</code> Returns the user with the specified ID
PUT	<code>/users/{id}</code> Creates or replaces user with known ID
PATCH	<code>/users/{id}</code> Partially updates user with known ID
DELETE	<code>/users/{id}</code> Deletes user with the specified ID
POST	<code>/users/{id}/randomize-step-password</code> Set password for the user to something random
POST	<code>/users/{id}/add-to-group</code> Adds user to specified user group
POST	<code>/users/{id}/remove-from-group</code> Removes user from specified user group

Included in Base ←

# OAuth Authentication for Mail Relay

Cloud Platform

Customers expect that their STEP environment supports the latest security standards

@ADMIN

Sending emails plays a key role in various areas of STEP such as workflow notifications, alerting on errors and delivering data exports. To enable this functionality, a mail relay server must be configured, and until now, only basic authentication was supported in this configuration.

Basic authentication is increasingly considered outdated and vulnerable, with many widely used email services, such as Office 365, planning to entirely discontinue support for it during 2025.

With update 2024.4, we are introducing support for OAuth 2.0 authentication for connecting to a mail relay server. This enhancement allows configuration using either a client ID and secret or a certificate-based approach.



UPDATE NOTES

Included in Base ←

# Self-Service UI Improvements

Continuous Updates

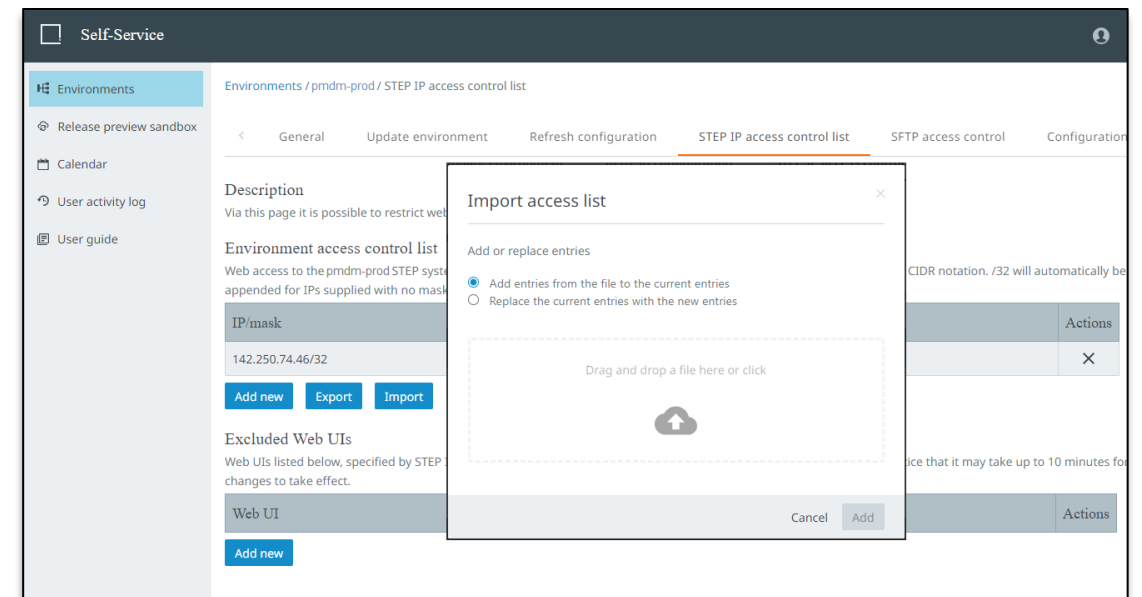
@ADMIN

**Customers must be able to manage and update their own environments without involvement of Stibo Systems' Support**

The Self-Service UI is where we support our customers in managing basic elements of their own environments, without Stibo Systems' assistance.

- In [2024.1](#) it received a look and feel upgrade, aligned with STEP's new UI, to improve the overall usability and user experience.
- In [2024.2](#), small but important improvements have been added that enhance the user experience when updating environments.
- In [2024.3](#), we added a new screen displaying the schedule for update availability and planned maintenance activities.

With 2024.4, the ability to manage access control through import and export has been added. This improvement streamlines the maintenance of this essential security configuration and facilitates seamless transfer of these settings between environments.



UPDATE NOTES

Included in Base ←

# JavaScript Logging

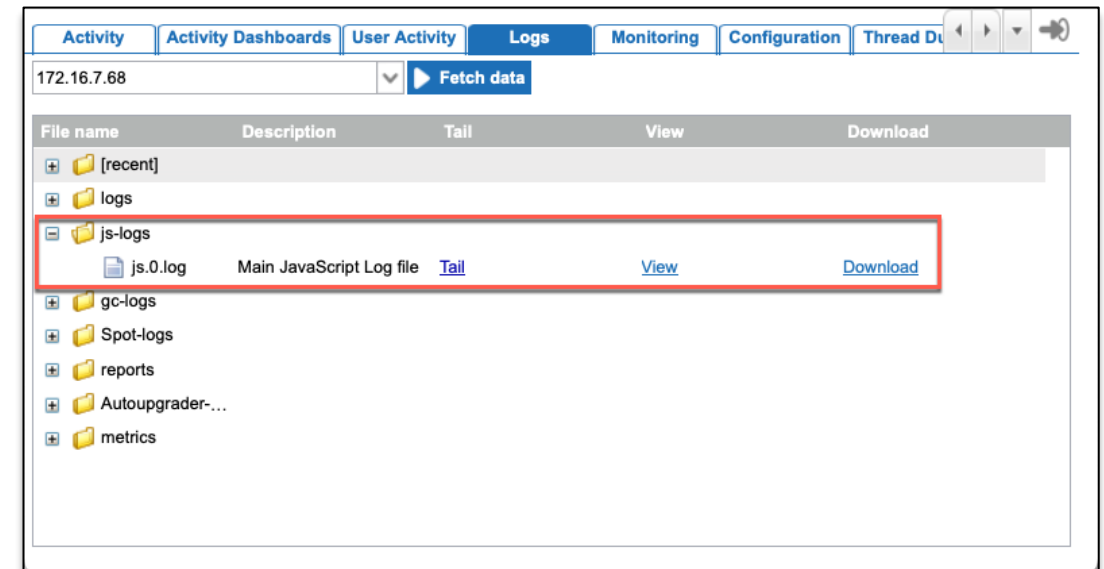
**Excessive logging from business rules is cluttering logs, making it difficult to identify system errors and slowing down system performance**

Data Integration

@ADMIN

In 2024.4 the following changes have been made to address this:

- **JavaScript Logs:** Logs from business rules are now stored in a dedicated js-logs directory.
- **Environment-Specific:** Debug logging (INFO level) is disabled by default in Production and Pre-Production but enabled in other environments.
- **Configurable via Self-Service:** Logging can be managed through a property in Self-Service for SaaS.
- **Exception Handling:** Exceptions are logged in both the system log (step.0.log) and the JavaScript log (js.0.log).
- **Workbench Behavior:** Log messages are always written during business rule tests in Workbench.
- **Log Traceability:** Each log entry includes the Business Rule ID for easier traceability.



UPDATE NOTES

Included in Base ←

# Platform Maintenance Update

## Support of the latest major Java version

Cloud Platform

@DEVELOPER

With the 2024.4 update, we are upgrading our backend to Java 21, the latest available Long-Term Support (LTS) version.

This version change will have no impact on most solutions, but those deploying custom extensions should plan to review and compile against Java 21 in coordination with the update.



UPDATE NOTES

Included in Base ←

# SaaS Strategy Update

## Sunset of on-premises by end of 2027

Cloud Platform

@DEVELOPER

As you may already know, we have been gradually transitioning from our traditional on-premises and earlier versions of SaaS solutions to our SaaS V2 model. This shift has already been embraced by hundreds of our customers, and it is now the most appropriate time to accelerate this effort.

- We are sunsetting the support of any non-SaaS V2 deployments as of December 2027 with the last update available for these previous environments being 2024.4.
- All subsequent feature updates after 2024.4 will be exclusive to SaaS V2 customers.
- Customers will continue to receive Maintenance and Hotfix patches (critical bug and security fixes) on the 2024.4 update until the end of 2027.

If your organization decides not to migrate to SaaS V2, please be aware that we will no longer be able to maintain feature parity for you after the 2024.4 update.

UPDATE NOTES

Included in Base ←



QUESTIONS, COMMENTS?

**We would love to hear from you!**



**Marc Richards**

Director, Product Management  
Platform



**Peter Sønderskov**  
Director, Product Management



# Product MDM/PIM

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# Product MDM/PIM

1

ETIM Dictionary Data Import

2

Improved Translation Efficiency

3

Simplified User Experience

# ETIM Dictionary Data Import

Manufacturers around the world use ETIM as their single source of product information to avoid ambiguities when sharing the unique technical characteristics of their products

Electro Technical Information Model (ETIM) is a classification structure used to standardize the electronic exchange of product data for electrical and electronic products and to enable the electronic trading of these products. The standard is designed to meet the requirements of the electrical industry and allows for a uniform, technical description of electrical goods and their assignment to a class of products.

With ETIM discontinuing translations in IXF files, customers need to connect to new services for retrieving translations. With 2024.4 we are addressing this challenge by supporting the ETIM Service API, enabling connections to multiple servers for different translations. The solution supports scheduled updates of ETIM Dynamic.

This ensures that manufacturers continue to receive standardized, unambiguous product information despite the changes in translation availability.

Data Standards

@ADMIN,  
@BUSINESS USER

Import ETIM

1. Select ETIM Version and Article Groups  
2. Select Languages  
3. Advanced Settings

Select ETIM Version and Article Groups

ETIM version: DYNAMIC

Article Groups

Select all

Description	Article group ID
<input type="checkbox"/> Antenna and satellite technique	EG000033
<input type="checkbox"/> Gate operators, pumps and ven...	EG000034
<input type="checkbox"/> Optical and acoustic signalling eq...	EG000035
<input type="checkbox"/> Communication technique	EG000036
<input type="checkbox"/> Data and telecommunication	EG000037
<input type="checkbox"/> Telecommunication equipment/...	EG000038
<input type="checkbox"/> Large domestic appliances	EG000039
<input type="checkbox"/> Small domestic appliances	EG000040
<input type="checkbox"/> Consumer electronics	EG000041
<input type="checkbox"/> Industrial machinery	EG000042

Back Next Finish Cancel

UPDATE NOTES

UPDATE VIDEO

CONFIGURATION VIDEO

Available with the ETIM license ←

# Improved Translation Efficiency

Customers need a fast and flexible translation of product data which lowers the cost and speeds up time to market

Data Governance

@BUSINESS USER

Currently, the Web UI has limited capabilities, which means customers must rely on the Workbench for their translation needs.

Starting with the 2024.4 update, we are introducing a new Translation screen in the Web UI. This screen allows business users to manage the product translation process i.e., enabling translators to perform translations and proofreaders to efficiently review and approve product translation in multiple languages.

This robust and flexible translation and proofreading interface within the Web UI designer will provide customers with a more efficient, cost-effective, and faster translation process.

	English <span>Approved</span>	Danish	Spanish
ID	PCPSalesItem_146312	PCPSalesItem_146312	PCPSalesItem_146312
Name	Crayola Colored Pencils, 12 Count, Long	Crayola Colored Pencils, 12 Count, Long	Crayola Colored Pencils, 12 Count, Long
Translation	Source Language	Translated	Translated
Approval	✓ Approved on Mon Jan 22 12:15:57 CET 2024	✓ Approved on Mon Jan 22 12:15:57 CET 2024	✓ Approved on Mon Jan 22 12:15:57 CET 2024
PCP Description Attributes --			
Website-ProductDescription-Long	Crayola Colored Pencils - long lasting, pre-sharpened, premium quality made from reforested wood with vibrant colors	Crayola farveblyanter - langtidsholdbare, spidsede, førsteklasses kvalitet lavet af træ fra genplantet skov i stærke farver	Lápices de colores Crayola: duraderos, preafilados, de primera calidad, hechos de madera reforestada con colores vibrantes
Website-ProductDescription-Short	Crayola Classics Colored Pencil Set in Assorted Colors, Long, 12 Count	Crayola Classics farveblyanter i assorterede farver, 12 styk, lange	Juego de lápices de colores Crayola Classics en varios colores, largos, 12 unidades
Website-ProductDisplayName	Crayola Colored Pencils, 12 Count, Long	Crayola farveblyanter, 12 styk, lange	Lápices de colores Crayola, 12 unidades, largos
Website-ProductLine	Colored Pencils	Farveblyanter	Lápices de colores
Website-ProductSalesPrice	2 USD	10 DKK	1.88 EUR
Website-ProductValidityEndDate	2024-01-01	2024-01-01	2024-01-01
Website-ProductValidityStartDate			

UPDATE NOTES

UPDATE VIDEO

CONFIGURATION VIDEO

Included in Base ←

# Simplified User Experience

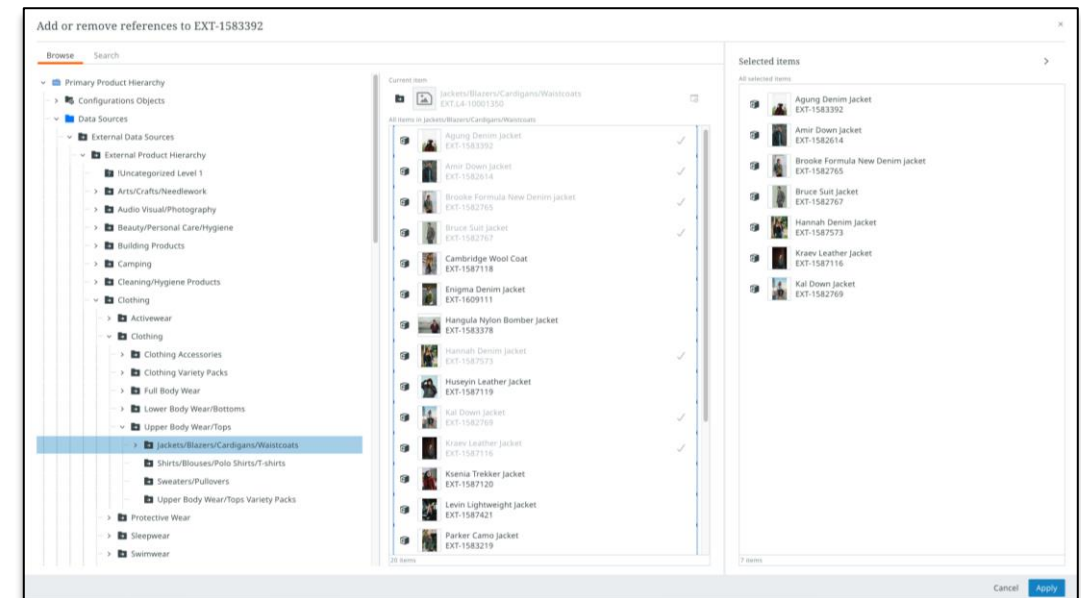
Customers need a modern, intuitive user interface supported by a seamless user experience that efficiently guides the user to complete their task

New UI

@BUSINESS USER

The 2024.4 update introduces several key enhancements to the new UI, aimed at improving user experience and efficiency.

- Faster Information Updates:** We've optimized workflows to provide quicker on-screen updates when submitting tasks, ensuring a smoother and more responsive user experience.
- Enhanced Node Picker:** The node picker has been refined to display only valid target objects based on the selected source objects, making it easier and more intuitive to select reference targets.



UPDATE NOTES

Try it out!

Please refer to your Account Manager ←

# Steps to try our new UI

There are a few requirements needed before you can activate the new UI for STEP:

1. Be on the most recent STEP version (2024.4). Going forward, update to the latest version when available. New UI for STEP updates will not be backported.
2. Have the Elasticsearch license and Elasticsearch server configuration setup. Elasticsearch is included in SaaSv2.
3. Have In-Memory license and setup. In-Memory is included in SaaSv2.

Contact Stibo Systems to determine how best to meet these requirements and get started.

[Click here to browse the 2024.4 New UI for STEP Update Notes.](#)



QUESTIONS, COMMENTS?

**We would love to hear from you!**



**Peter Sønderkov**

Director, Product Management  
Product Data (PMDM/PIM)  
Product Domain



**Jignesh Patel**  
Director, Product Management



# Customer, Supplier and Location MDM

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# Customer, Supplier and Location MDM

1

AI Machine Learning Address Matcher

2

Salesforce MDM Connector



# AI Machine Learning Address Matcher

Simplified Matching

Building and maintaining an accurate and performant matching algorithm is a complex undertaking

@ADMIN

Matching is a critical aspect of any CMDM project and often, one on which much of the time is spent. Practitioners often misjudge the roles, skills and time needed to build and fine tune the algorithm, leading to delayed time-to-value, complex ownership structures, inaccuracies in match results and/or a large manual review effort.

We started working on this initiative in [2024.1](#) by providing a set of pre-trained AI machine learning models (Person Name Matcher v1) which was further refined it in [2024.2](#).

With update 2024.4 we continue delivering on our vision to simplify the process of creating and fine-tuning matching by incorporating and leveraging new Address Matchers in your existing matching rules.

Machine Learning Matcher (Version: v2.0, normName, MLM Person Name Alias Groups, normAddress)

Version: v2.0 - 2024-12-13 [Release Notes](#)

Type	Data Element
Set<Name>	normName
Set<StandardizedAddress>	normAddress

Person Name Alias Group CSV Asset: MLM Person Name Alias Groups (MLM-PersonNameAliasGroups)

Select Nodes: William Johnson - Blvd 6500 Gate Kirby, Memphis (1497061) | Bill Johnson - 6500 Kirby Gate Blvd, Memphis (1497072) [Evaluate](#)

Result	
NaN	
Details	Result
name	96.0
address	90.0

[OK](#) [Cancel](#)

UPDATE NOTES

UPDATE VIDEO

Applicable for use with the Customer Domain and Supplier Domain ←

# Salesforce MDM Connector

Clients require a fast and certified approach to integrating with Salesforce

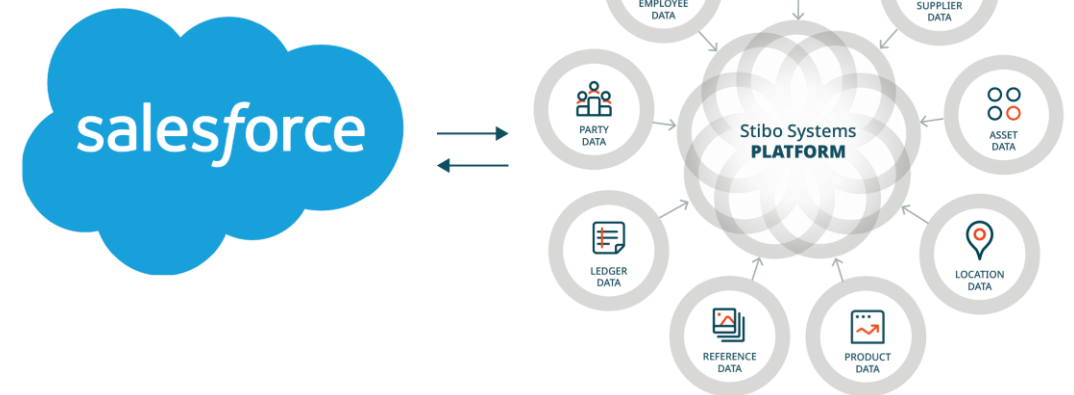
Salesforce is a dominant CRM application and typically an origination point for master data and key consumer of customer master data from STEP. Seamless bi-directional data flow between Salesforce and MDM is vital for efficiency. While current integrations are common using existing capabilities, clients demand a rapid and certified approach to ensure efficient Salesforce integration.

With 2024.4, we will be enhancing connectivity and interoperability between STEP and Salesforce, focusing on accelerating time to value and improving implementation experiences. A certified Salesforce app coupled with best practice reference implementation empowers fast and efficient bi-directional flow and synchronization of data, merge scenarios and search before create within Salesforce. The app will be optimized for Salesforce lightning and will provide forward compatibility with future Salesforce updates.

Express your interest in the early adopter release of the Salesforce connector by emailing [sfdconnector@stibosystems.com](mailto:sfdconnector@stibosystems.com).

Data Exchange

@ADMIN



UPDATE NOTES

UPDATE VIDEO

Early Adopter Release ←

QUESTIONS, COMMENTS?

**We would love to hear from you!**



## **Jignesh Patel**

Director, Product Management  
Customer Domain, Supplier Domain,  
Location Domain



**Søren Lundtoft**  
Director, Product Management



# Product Data Exchange

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# Product Data Exchange

1

Language Specific LOVs

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Asset Transformations

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Channel Management Enhancements

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AI Attribute Matching

5

Digital Catalog API Reporting

6

TradeSolution Channel

7

Efficient Attribute Mappings

## Language Specific List of Values (LOVs)

Localization

@ADMIN

Global retailers face increasing complexity as suppliers struggle to onboard product data in their local languages, particularly when managing attributes that contain List of Values

Currently, in an onboarding channel, List Of Values based product attributes are only available in one language (defined by a configuration in STEP), regardless of the channel language a supplier uses.

With update 2024.4, we have implemented support for language-specific LOVs in Onboarding Channels. This solution will allow suppliers to interact with LOVs in their local language, improving the mapping experience, reducing data errors and misunderstandings, especially for non-English speaking suppliers.

Thai (Thailand) th-TH			
<input type="checkbox"/>	ID	WARRANTY INFORMATION	MAIN PRODUCT COLOR
<input type="checkbox"/>	A500-2	การรับประกันระหว่างประเทศ: กา...	สีฟ้าอ่อน
<input type="checkbox"/>	E1000-2	กฎหมายท้องถิ่น: การรับประกันนี้...	สีเทา
<input type="checkbox"/>	E200-2	การรับประกันการใช้งานในที่อยู่อา...	ส้ม
<input type="checkbox"/>	Elite 9X-2	หลักฐานการซื้อ: อาจต้องมีหลักฐาน...	เขียว
<input type="checkbox"/>	HS700-2	การรับประกันข้อบกพร่องของผู้ผลิ...	เหลือง
<input type="checkbox"/>	P450-2	การรับประกันอุปกรณ์เสริม: การรั...	แดง
<input type="checkbox"/>	Pro 300-2	ระยะเวลาการรับประกัน: ระยะเวลา...	แดง

UPDATE NOTES

UPDATE VIDEO

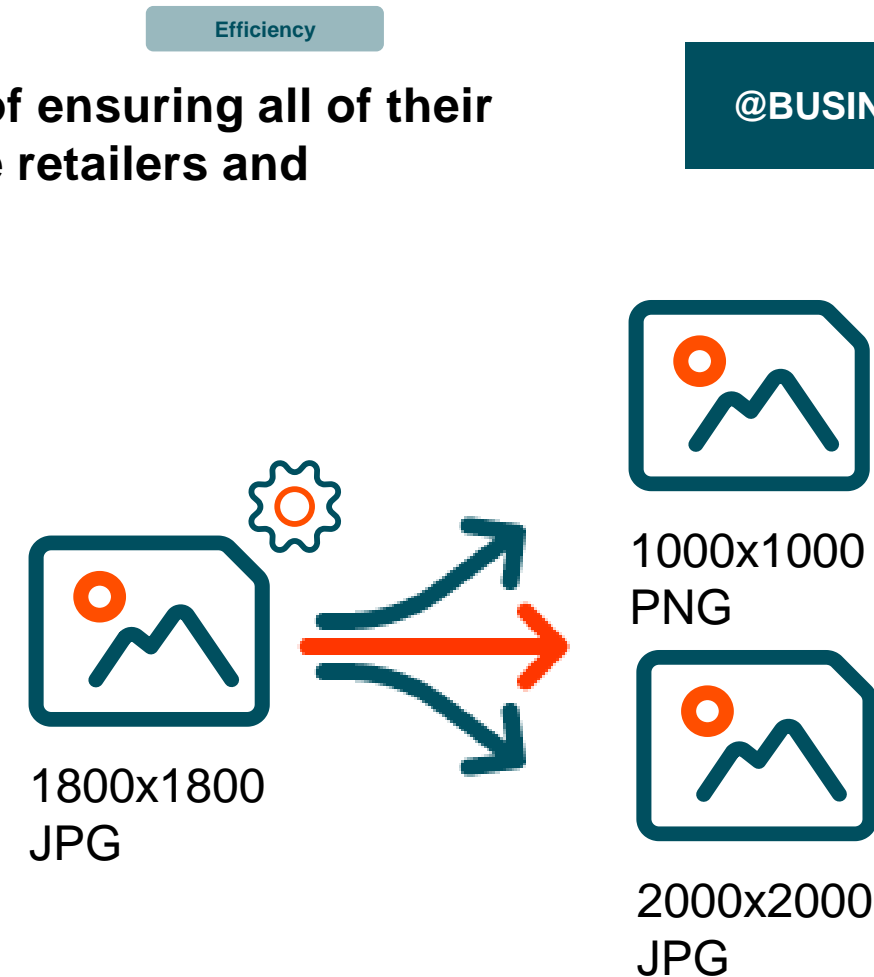
Available with the PDX Onboarding license ←

# Asset Transformations

Manufacturers and brand owners face the challenge of ensuring all of their digital assets meet the diverse requirements of all the retailers and marketplaces in a scalable and automated way

With this 2024.4 initiative, we are optimizing our processes by automating the transformation of digital assets to fit diverse channel requirements.

- **Image Size Conversion:** allows automatic image conversion to specific sizes based on channel asset requirements (e.g., 1000, 1500, or 2000 pixels) to help brands ensure compliance with different channel requirements while saving upstream effort by reducing the need for multiple versions of the same image.
- **Image File Type Conversion:** allows image conversion to different file types (e.g., .jpeg, .png, .tiff) within a given channel. This addresses the need to convert file formats to meet partner expectations, optimizing storage space and saves manual effort.



Available with PDX license ←

# Channel Management Enhancements

Unified Platform

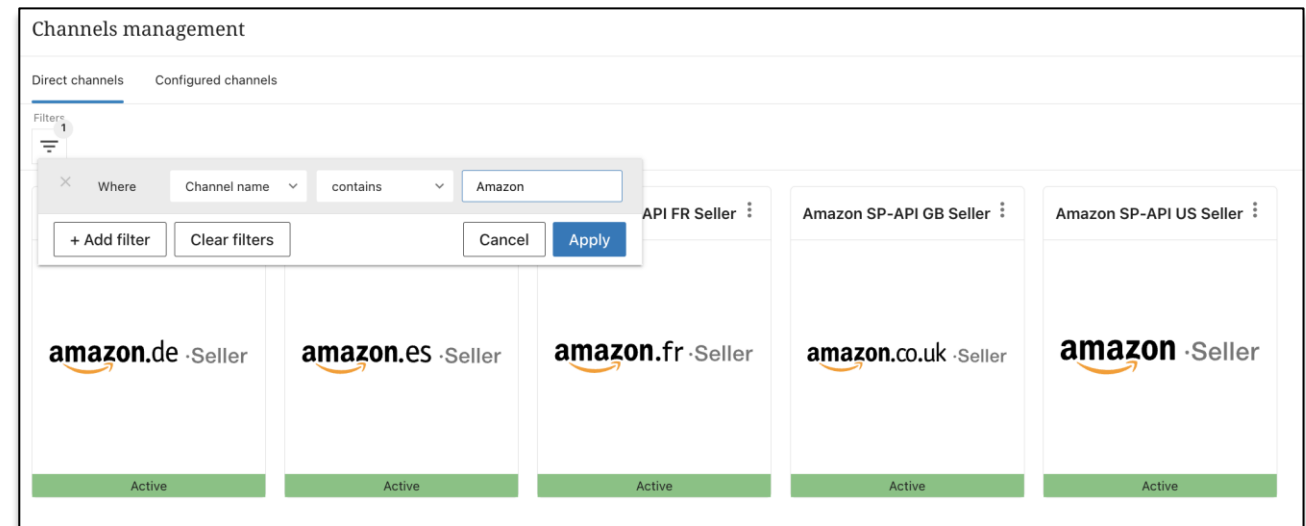
@BUSINESS USER

Manufacturers and brand owners have a continuously expanding list of marketplaces and retailers as their business grows, and they need a way to manage this efficiently

In order to provide visibility into an organization's syndication channels and accelerate necessary operations, we have added enhancements to several aspects of the PDX user interface.

With update 2024.4, users can now:

- **Export their list of channels in PDX** to report to leadership and communicate with other internal teams, as well as getting a view of the number of active channels on the dashboard.
- **Search in the channel management tab** to more rapidly find the channel that needs to be modified - see *screenshot*.



Available with the PDX Syndication license ←

UPDATE NOTES



# AI Attribute Matching

Manufacturers and brand owners face the challenge of establishing and maintaining mappings between their master data model and all the retailers and ecommerce platforms to which they syndicate

Efficiency

@BUSINESS USER

Manufacturers and brand owners that are beginning or are expanding in their syndication journey often need to spend weeks or months to determine how to map their master data model onto the many channels to which they are publishing their products.

In [2024.3](#) we started leveraging AI to enhance the syndication process across new and existing channels by offering automated mapping suggestions.

With update 2024.4 we will further accelerate the mapping process, providing users the ability to view and apply all mapping suggestions with a single click. Of course, users will still have the flexibility to override AI-generated suggestions with their own mappings.

Through AI Attribute Matching, the time to value for each new PDX Syndication channel will be faster than ever.

acme Electronics attributes	Master data attributes
Wireless Connectivity Type *	Suggested
Battery Duration *	Noise Cancellation <span style="float: right;">100%</span>
Does this feature noise cancellation? *	Wireless Connectivity <span style="float: right;">73%</span>
Microphone Type *	Microphone <span style="float: right;">54%</span>
	Constant

Preview AI suggestions		
Match channel data to master data with a single click. AI suggests the best fit displaying with the confidence score.		
Filters	Channel attributes	Master data attributes
	Wireless Connectivity Type	Wireless Connectivity <span style="float: right;">100%</span>
	Battery Duration	Battery Life <span style="float: right;">100%</span>
	Does this feature noise cancellation?	Noise Cancellation <span style="float: right;">100%</span>
	Microphone Type	Microphone <span style="float: right;">100%</span>

UPDATE VIDEO

Requires PDX license ←

# Digital Catalog API Reporting

Analytics

@BUSINESS USER

**Manufacturers and brand owners need not only to make their latest product content available to their retail partners, but also track their partners' consumption of it to ensure end customer-facing product data is always updated**

Today, brands can make their content available to partners via Digital Catalog, where more technically-sophisticated partners can pull the product data via an API.

However, Digital Catalog owners cannot see whether their partners have pulled data – both to track which of their partners have not yet accessed the data as well as to ensure there are no issues during the process.

With update 2024.4, we are providing Digital Catalog owners a page that displays the Digital Catalog API requests that have been made to different catalogs in a given timeframe, how many products have been pulled, and reporting on any errors that have occurred for proactive solutions.

Data monitoring

Channel name	Catalog name	Partner name	Products received
ACME Electronics Catalog	ACME Electronics Digital Catalog	Urban Sound	19 / 19
ACME Electronics Catalog	ACME Electronics Digital Catalog	Discount Computer Co.	13 / 19
ACME Electronics Catalog	ACME Electronics Digital Catalog	Ultimate Electronics	3 / 19
ACME Electronics Catalog	Internal Reference Catalog	ACME North America Sales	0 / 0

Requires PDX license ←

# TradeSolution Channel

**PDX lacks complex packaging hierarchy support within the TradeSolution channel, which customers need for greater efficiency**

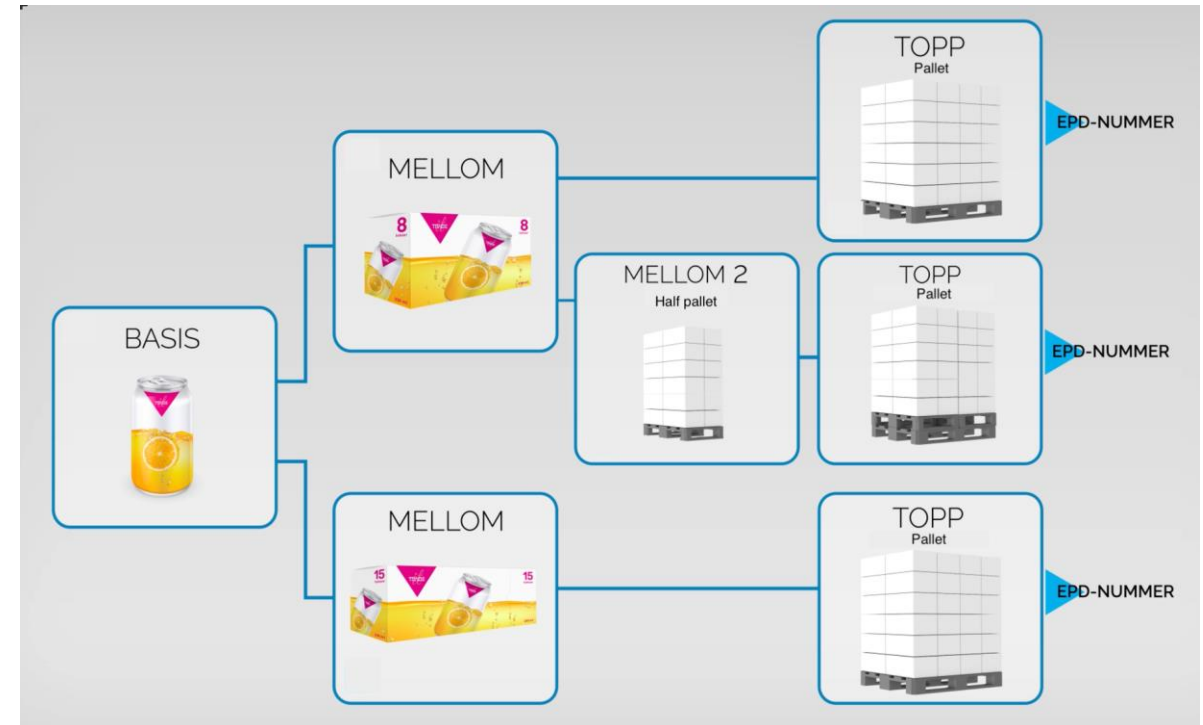
TradeSolution develops Environmental Product Declaration (EPD) solutions for the Norwegian market and collaborates with major players in the grocery industry.

PDX currently does not support creation and maintenance of packaging structures in the TradeSolution channel with the same GTIN(s) appearing in multiple hierarchies.

With 2024.4, we enable complex packaging hierarchies, allowing products to be packaged and reused in various configurations (e.g., pallet vs. half pallet). This also includes basic and advanced workflows for GTIN reuse and implements guardrails to prevent duplicate GTIN creation in the TradeSolution channel.

Marketplaces

@ADMIN



Available with the PDX Syndication Channels ←

## Efficient Attribute Mappings

**Manufacturers and CPGs struggle to create and maintain below-the-fold content for their large product assortments as current tools are not scalable enough to be feasible**

Enhanced Content

@BUSINESS USER

With the 2024.4 update, we've streamlined the process of setting up Template mappings, by allowing users to browse available attributes using type-ahead directly within the relevant content field.

The approach significantly reduces the steps required to get product data flowing to all relevant fields. This efficiency is crucial as brands are managing Templates for hundreds of product categories across channels.

The screenshot displays a user interface for editing product content. On the left, there is an 'Image\*' field containing a placeholder image of a woman wearing headphones, with the brand name 'acme' overlaid. Below the image is an 'Image keywords\*' field containing the text 'woman headphones urban'. On the right, there is a 'Headline\*' field with the text 'Acme Electronics' and a 'Body text\*' field with a rich text editor toolbar. A type-ahead dropdown menu is open in the 'Image keywords\*' field, showing a list of attributes: 'Battery Life', 'Brand Presentation', 'Cable Length', 'Comparable Product IDs', and 'Compatibility'. The interface also includes a 'Standard Three Images & Text' template selector at the bottom.

UPDATE NOTES

Available with the PDX Enhanced Content license ←

QUESTIONS, COMMENTS?

**We would love to hear from you!**



**Søren Lundtoft**

Director, Product Management  
Commerce & Syndication



# Enhancement Requests

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## Enhancement Requests (1/2)

**Businesses need an MDM solution that supports them in their operational agility and which adapts to changing needs**

@ADMIN

Enhancement Requests (ERs) allow us to continuously adapt to the changing needs of the market and our customers. Find here some of the ERs that are delivered with 2024.4:

1. The SSL Client Certificates screen in the Workbench now provides further detail about the validity of the active client certificate (used for outbound mTLS) and will also list the upcoming certificate on SaaS environments (for renewal) - see *screenshot*. [Update Notes](#)
2. When using the File Loading Widget in the Web UI, an option is available to Swap User. When selected, the import is run as the logged-in user, instead of the configured endpoint user. This is now compatible with Business Rule Based Message Processors, for Business Rules Binds, and not only for background processes. [Update Notes](#)

mTLS Client Certificate				
Subject Common Name	Valid From	Valid Until	Active	Client Certificate
step-nonprod-client.stibosystems.com ...	Wed Jun 26 2024 02:00	Mon Jul 28 2025 01:59	Yes	<a href="#">Download</a>
step-nonprod-client.stibosystems.com ...	Mon Apr 28 2025 08:43	Sat May 30 2026 08:44	No	<a href="#">Download</a>

Included in Base ←

## Enhancement Requests (2/2)

Businesses need an MDM solution that supports them in their operational agility and which adapts to changing needs

@DEVELOPER

Enhancement Requests (ERs) allow us to continuously adapt to the changing needs of the market and our customers. Find here some of the ERs that are delivered with 2024.4:

3. A new `forceDelete()` method is now available in JavaScript for Product, Entity, Asset and Classification allowing to completely purge objects from STEP (not in recycle bin) as long as there are no constraints (children, referenced by, assets linked, etc) - see [screenshot](#). [Update Notes](#)
4. As for Business Conditions and Business Actions, it is now possible to dynamically lookup a Business Function by ID, and to evaluate the function, from JavaScript - see [screenshot](#). [Update Notes](#)

**Execute JavaScript**

**Binds:**

Variable name	Binds to	Parameter
manager	STEP Manager	
productParent	Product	Shoes & Boots (106804)
objectType	Object Type	Item (Item)

**Messages:**

Variable name	Message	Translations

**JavaScript:**

```

1 // Create new product and start workflow
2 var newProduct = productParent.createProduct("", objectType)
3 newProduct.approve()
4 newProduct.startWorkflowByID("CreateNewItem", "Starting new workflow")
5 // Delete and Purge product even when it's in workflow
6 newProduct.forceDelete()
7
8
9 // Get a Business Function by ID and execute it
10 var businessFunction = manager.getBusinessRuleHome().getBusinessFunctionByID("MyFunction")
11 var argMap = new java.util.HashMap()
12 argMap.put("arg", "An argument to the business fection")
13 var result = businessFunction.evaluate(argMap)
14 logger.info(result)

```

Buttons: Cancel, Test JavaScript, Save

Included in Base ←



# How to Update

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# First Step to Updating

Have you seen something that sparked an interest? Are you ready to update and to experience the full potential of 2024.4? Here is the first step to get you started:

- **SaaS customers**

Use the SaaS Self-Service UI\* to create an Update Preview Sandbox and/or update one of your existing environments

- **On-Premises customers**

Please reach out to your Account Manager

\*The Self-Service UI is available to all our customers on our latest SaaS platform

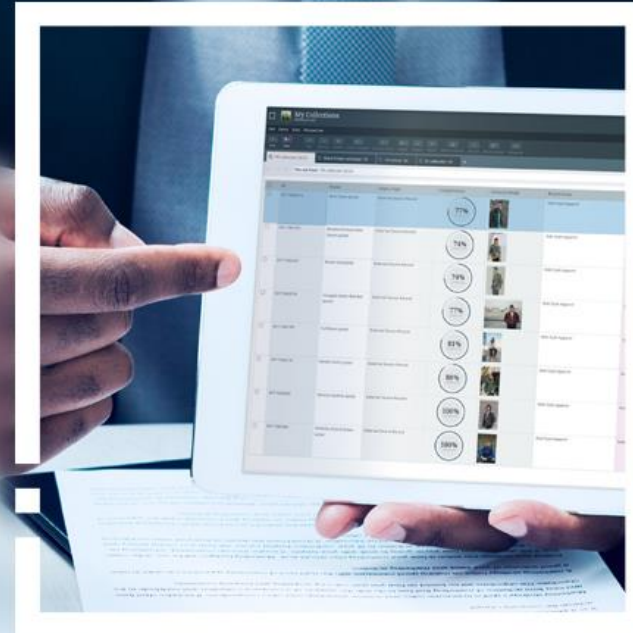
# Benefits of Updating

When was the last time I updated? What version am I currently running on? Is my version still supported\*? Why should I update?

If you are looking for good reasons to update, please find below a few pointers so you don't miss out! And remember, updates are made easy with SaaS!

- Get the latest and greatest to **stay ahead of your competition** – update to outdate
- **Improve the user experience and increase both productivity and efficiency** – take advantage of new capabilities and enhancements
- **Stay current** with updates for security and supportability – stay up to date with third-party application versions, latest industry standards and more
- **Support new business initiatives** – best option for expanding the use of the solution and increasing business value
- **Benefit from improved system performances** – bug fixes and enhancements make for an evermore reliable product

[\\*Learn more on STEP Updates and End-of-Life Information here!](#)



# General Information

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# General Updates

- 1 [Product Documentation](#)
- 2 [MDM Academy Offerings](#)
- 3 [Stibo Systems Online Communities, Newsletters, Resource Library](#)

# Product Documentation

With each new update comes updated STEP Documentation\* including

- [Update Notes](#)
- [Online Help](#)
- [Enablement Topics](#)
- [Platform and Software Support](#)
- [End-of-Life Notifications](#)

\*Note that with our new quarterly update cadence, we stopped Maintenance Patches, starting with 2023.3. However, ad hoc patches will be available in case of hotfixes.

The screenshot displays the STIBO SYSTEMS Master Data Management online help interface. The top header features the STIBO SYSTEMS logo and a search bar with the placeholder text "Use double quotes to find exact matches." A left-hand navigation menu lists various topics such as "Welcome to Online Help", "System Update and Patch Notes", "Getting Started", "System Setup", "Administration Portal", "Analytics", "Artificial Intelligence", "Automatic Classification", "Bulk Updates", "Business Rules", "Configuration Management", "Data as a Service", "Data Exchange", "Data Governance", "Data Integration", "Data Onboarding and Standardized Mapping", "Data Preparation", "Data Profiling", "Digital Assets", "eCatalogs", "Instrument User Interface", and "Matching, Linking, and Merging". The main content area is titled "STEP Documentation" and is divided into three sections: "Main Menu" with four tiles for "Welcome and Search Tips", "System Update and Patch Notes", "Getting Started - Users", and "System Setup - Admins"; "Solution Enablement" with four tiles for "Customer & Supplier MDM", "Supplier & Product Onboarding for Retail", "Product MDM", and "Sustainability Data Management"; and "Important Information" with three links: "> What browsers can I use?", "> Do you have a knowledge base?", and "> What training can I take?".

# MDM Academy Offerings

You want to connect and learn with Stibo Systems? [Reach out to our MDM Academy!](#)

Find below our full interactive offering (click on courses for more info), including new courses in our program:

PROJECT	BUSINESS	ARCHITECTURE	APPLICATION	DEVELOPMENT	MANAGE
MDM Solution Fundamentals					
STEP for MDM Experts					
MDM Project Fundamentals	MDM Solution Design		Data Modeling	JavaScript Business Rules	System Admin Fundamentals
		MDM Solution Architecture and Integration	Data Management	Integration Advanced	
			Workflows and Web UIs	Web Services	
			Publishing	Extension API	
			Customer MDM Configuration for B2C	Data as a Service	
			Customer MDM Configuration for B2B		
			Customer MDM Match Tuning		
			PDX Syndication with STEP		
			PDX Syndication with 1WorldSync		
			PDX Onboarding		

## New! Self-paced course updates

- MDM Solution Fundamentals updated with PDX Onboarding and Syndication
- All courses updated with new Workbench look

## Next

- Solution Design for Customer MDM
- Business Rules - Self-paced online
- Extension of PDX Syndication with STEP content

## Later



- Extension of Customer MDM Configuration for B2C and B2B content

Part of Track Certification
Not Part of Track Certification
Available as self-paced online course
Available as virtual classroom course
Available as a in-person classroom course

# Stibo Systems Online Communities

With the Online Partner and Customers Communities get exclusive access to a wealth of opportunities:

- Participate in peer-to-peer forums and groups
- Pose questions, provide answers and share first-hand knowledge
- Connect directly to Stibo Systems' experts to get the latest software updates
- Grow expertise by building your MDM network
- Share and vote on new ideas
- Follow update communications (download update decks, read update notes, watch update videos and more!)
- Attend Community Live webinars

<p><b>Customer Community</b></p> <p>Learn, share and grow your MDM knowledge by interacting with a global community of users.</p> <p>■ <b>SIGN IN</b></p>	
<p><b>Partner Community</b></p> <p>Connect with our partner ecosystem and product experts to get help, training and share ideas.</p> <p>■ <b>SIGN IN</b></p>	



# Newsletters

Don't miss out on the latest updates from Stibo Systems such as overall news, product updates, upcoming events, new capabilities, training courses and more, available in our quarterly newsletters (around March, June, September and November).

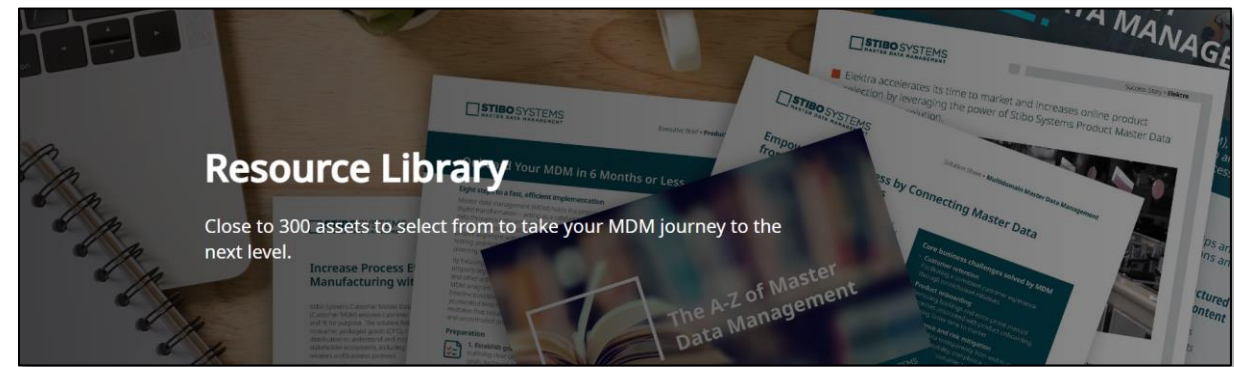
These newsletters are sent to all Partners and Customers, and no subscription is required! The last newsletter was sent on [August 21](#). Please check your spams or reach out to your Stibo Systems representative if you did not receive it. The next newsletter will go out early January 2025.



# Resource Library

Events, Communities, Academy trainings, Product Documentation, Newsletters... If you're still hungry for more content, please check out our [Resource Library](#).

Browse hundreds of assets by topic (AI, SaaS, ROI, ...), industry (Manufacturing, CPG, Retail, ...), content type (success stories, videos, white papers, ...), request your personalized ROI report and take your MDM journey to the next level!



# Looking Back!

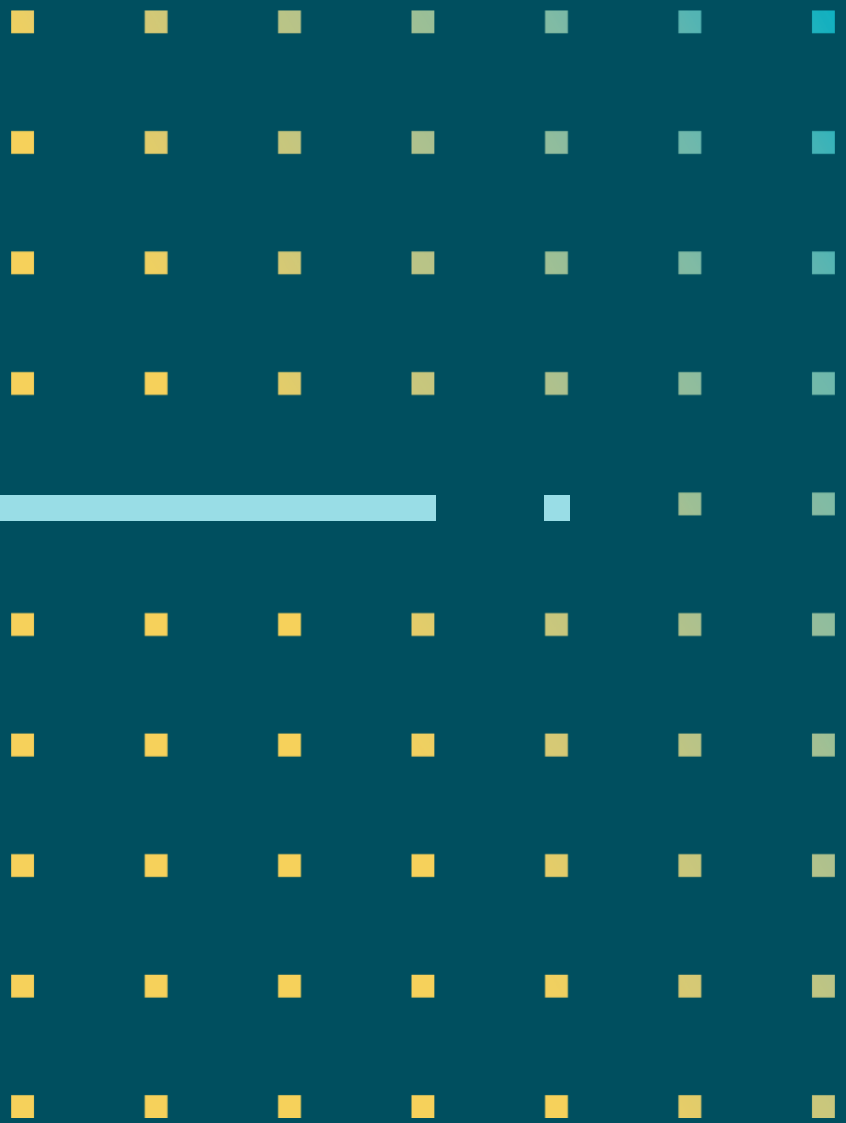
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[VIEW ALL PRODUCT UPDATES ON OUR WEBSITE!](#)



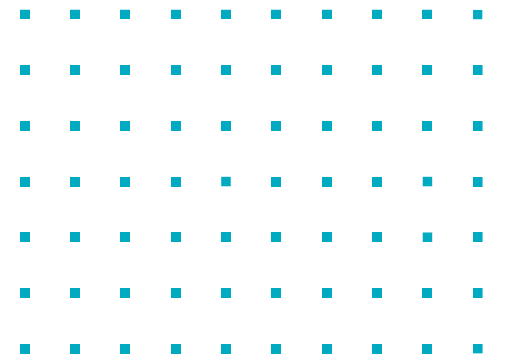
Next up, 2025.1 in  
March 2025!

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# Follow Us!

Find us here for the latest news and updates





# STIBO SYSTEMS

MASTER DATA MANAGEMENT

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BETTER DATA. BETTER BUSINESS. BETTER WORLD.

