

2024.2

# Update Overview

- Customer Update: June 12

Customer Community:

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**CONNECT** 2024

# SET THE STAGE

SEPTEMBER 16-18, 2024 | ORLANDO, FLORIDA

**Registration  
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[Other Events](#)

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# 2024.2 Highlights

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# 2024.2 Update Initiative Map

Looking for more info? Click any white tile!

[See our Marketectures](#)

Data Management	MDM Platform	 Inbound Message Streaming	 Configuration Management Impact Analysis Improvement	 Enhancement Requests
	Product MDM	 Automated Digital Asset Handling	 Update for Instrument UI	
	Customer Supplier Location MDM	 AI/ML to Enhance Matching Experience	 Loqate Cloud Address Verification Update	
Commerce & Syndication	PDX Onboarding	 User Journey Enhancements	 Migration to MongoDB	
	PDX Syndication			
	Enhanced Content	 Flags and Filters	 Dynamic Record Top-Off	

# 2024.2 Update **Highlights**

Looking for more info? Click on the titles!



## **Inbound Message Streaming**

Consuming more data faster with Kafka



## **Automated Digital Asset Handling**

Enhancing import configurations to handle assets stored in external DAM systems



## **AI/ML to Enhance Matching Experience**

Leveraging AI to simplify the process of creating and tuning performant match rules



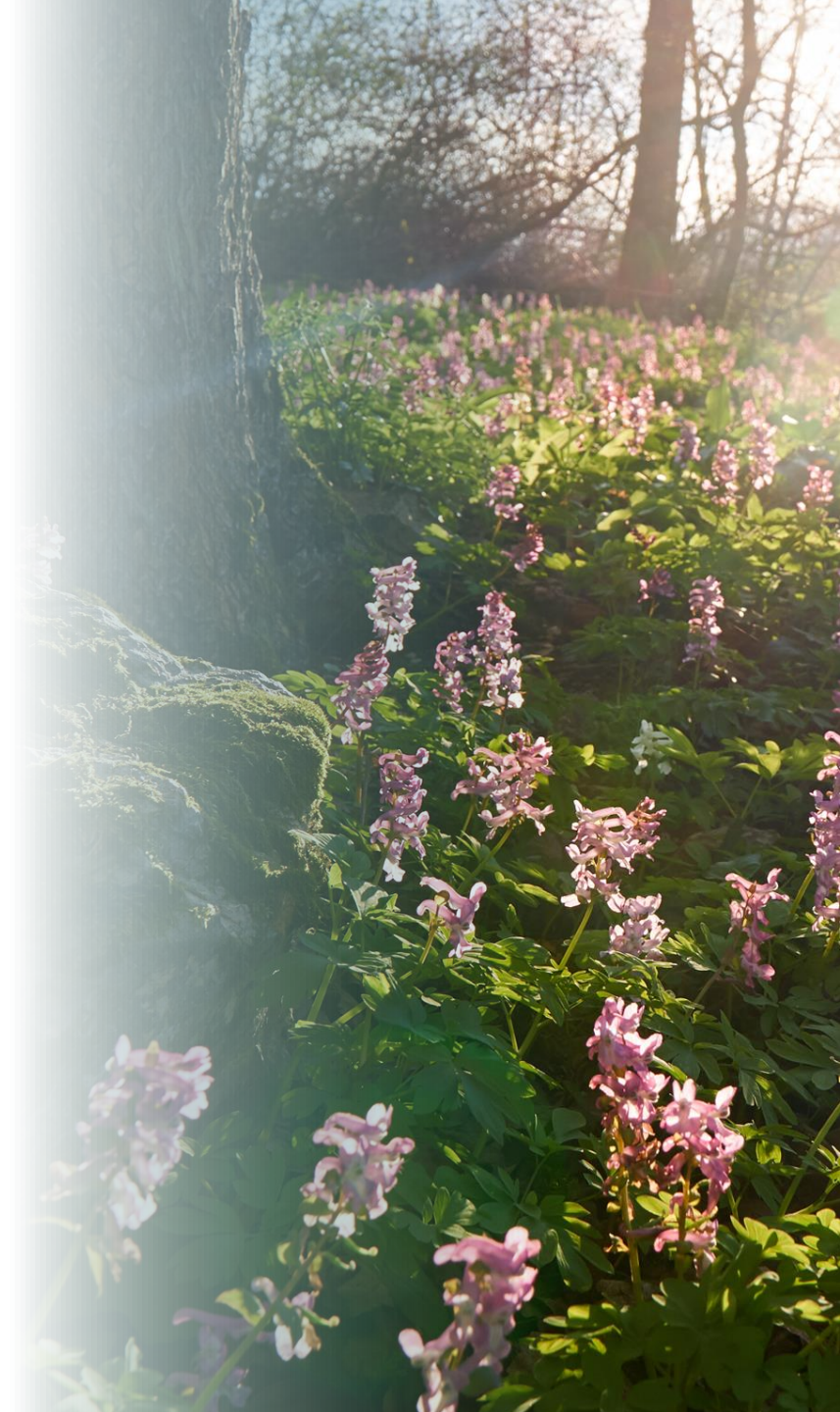
## **User Journey Enhancements**

Further improving and refining onboarding and syndication user journeys



## **Enhancement Requests**

Continuously adapting to the changing needs of the market and of our customers



**Marc Richards**  
Director, Product Management



# MDM Platform

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# MDM Platform

1

[Inbound Message Streaming](#)

2

[Configuration Management - Impact Analysis Improvement](#)

3

[Watch the 2024.2 MDM Platform Showcase!](#)



# Inbound Message Streaming

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

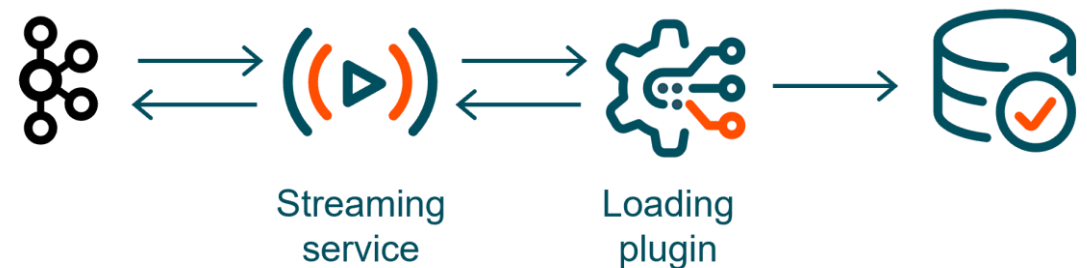
@ADMIN

With the 2024.2 update, we are introducing the first iteration of a new streaming component to onboard more data faster. This Kafka-based solution differs from our existing asynchronous architecture (background process and file-based integration) by taking advantage of true data streaming, consuming individual messages in real time.

This delivery is based on the successful outcome of a recent POC during which we achieved significant performance and volume handling improvements compared to current background process-based imports. We expect this solution to be generally available with 2024.4.

## Interested in trying this out?

Please share your feedback!



UPDATE NOTES

Included in Base ←

# Configuration Management – Impact Analysis Improvements

Managing continuous development and configuration across multiple environments can be complicated, cumbersome, and error prone

@ADMIN

Triggered by a customer need to manage and safely move configuration changes across STEP systems (data model, workflows, business rules, etc), the first phase of this project was delivered with [2023.3](#). With [2023.4](#), the second phase focused on integration with an external Version Control System (Git).

With 2024.2, prior to installing a change package, we are now supporting the Administrator users in better predicting the impact, and reducing the risk, of an update to a STEP configuration. In a user-friendly experience, the system provides an overview of all changes in a change package, anticipates installation success for each item and identifies which items will require manual installation.

Item	Before Install	Install Preview	Current	Included	Instruction
Marketing (Hierarchy ...)	✓	✓	2 minutes	2024-04-12 22:48:14	
WebUI	⚠	⚠	2 minutes	2024-04-12 22:48:24	Impact analysis not availa...
Bullet01	✓	✓	2 minutes	2024-04-12 22:48:14	
Bullet02	✓	✓	2 minutes	2024-04-12 22:48:14	
Bullet03	⚠	✓	2 minutes	2024-04-12 22:48:15	
Bullet04	✓	✓	2 minutes	2024-04-12 22:48:14	
Bullet05	✓	✓	2 minutes	2024-04-12 22:48:14	
Bullet06	✓	✓	2 minutes	2024-04-12 22:48:14	
Bullet07	✓	✓	2 minutes	2024-04-12 22:48:14	
Bullet08	✓	✓	2 minutes	2024-04-12 22:48:14	
Bullet09	✓	✓	2 minutes	2024-04-12 22:48:14	
Bullet10	✓	✓	2 minutes	2024-04-12 22:48:14	
Marketing Description	⚠	✓	2 minutes	2024-04-12 22:48:14	

UPDATE NOTES

Included in Base

# Watch the 2024.2 MDM Platform Showcase!

For a detailed deep dive into the Platform enhancements, click on the picture below.



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

[Automated Digital Asset Handling](#)

2

[Update for Instrument UI](#)

3

[Watch the 2024.2 Product MDM/PIM Showcase!](#)

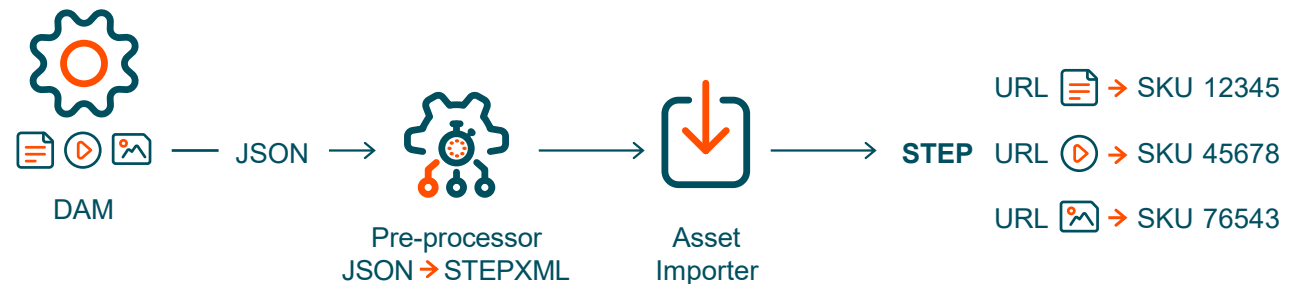
# Automated Digital Asset Handling

With digital assets managed in external systems, PIM customers need an easy and flexible integration to handle product-to-asset references

@ADMIN,  
@BUSINESS USER

STEP customers who want to automate the management of digital assets in an external DAM solution, need a seamless integration.

With the 2024.2 update, we are addressing this market challenge head-on by optimizing import configurations in the asset importer to automatically handle assets stored in external DAM systems. This ensures creation and update of assets, linkage to products through naming conventions or metadata as well as continuous handling of updates from the DAM via REST APIs. We are also introducing a powerful pre-processor for data adaptability. The increased flexibility and near real time updates will reduce manual effort and will help speed up the business process.



UPDATE NOTES

UPDATE VIDEO

CONFIGURATION VIDEO

Included in Base ←

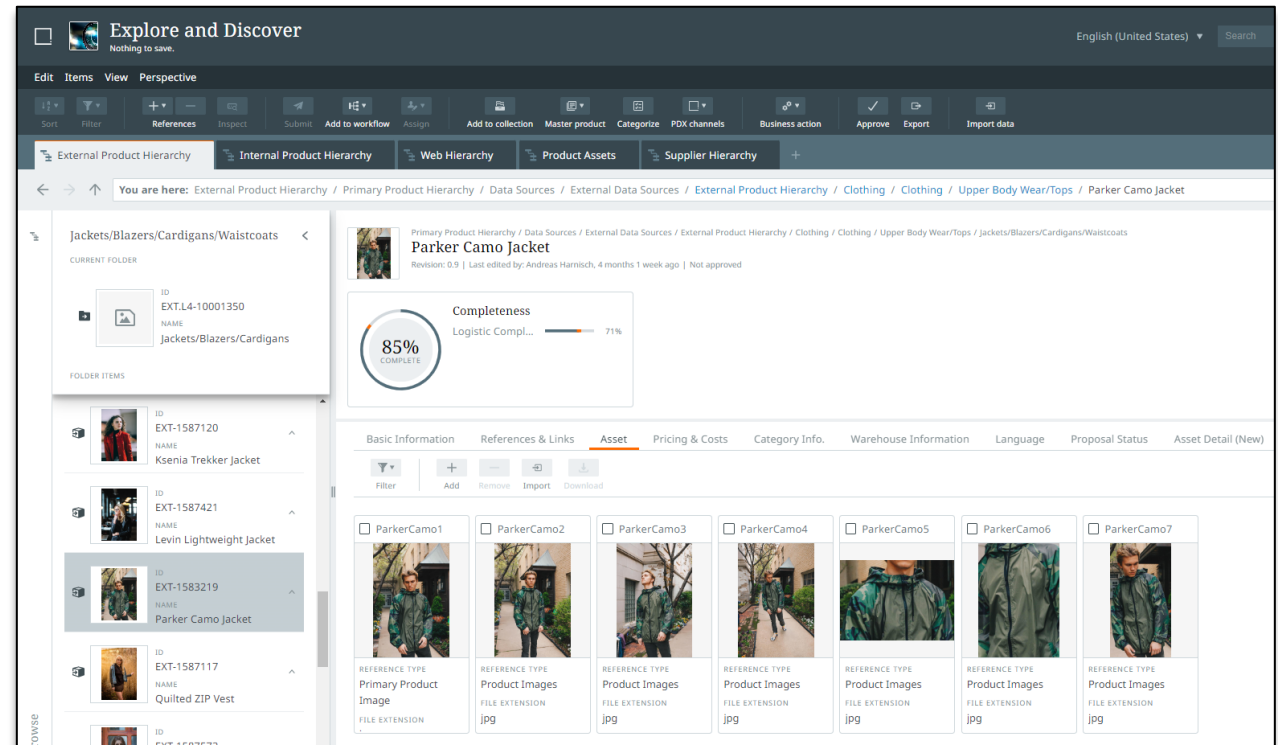
# Instrument UI (1/3) – General Updates

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

@ADMIN,  
@BUSINESS USER

With the 2024.2 update, we are introducing new features to improve the experience and capabilities of Instrument UX:

- Improvements have been made to the single product details view, enhancing the way references and links are handled
- A new view enables users to monitor the translation status of multiple products at a glance, providing a comprehensive overview and further streamlining the product management



UPDATE NOTES

Try out Instrument!

Please refer to your Account Manager ←



## Instrument UI (2/3) – Product Data Containers

Customers need to be able to enrich product data which utilizes composite and complex data structures

@BUSINESS USER

In a complex data management landscape where product data is key to ensure trustworthy and accurate data, Product Data Containers can play a crucial role.

Our focus is therefore to extend the capabilities around maintaining and maximizing the outcome of data enrichment within Data Containers.

With 2024.2 we are introducing a simple, yet powerful, reference handling function to view, add and remove these with ease. Additionally, we are enhancing the capabilities to easily find what one is looking for, by adding table filters, to narrow down the view to only show the sought after information.

<input type="checkbox"/>	Reference	CAS number	Function
<input type="checkbox"/>	2,6-Dimethyl-7-octen-2-ol ×	18479-58-8	* Fragrances
<input type="checkbox"/>	Water ×	7732-18-5	* Water
<input type="checkbox"/>	Water ×	7732-18-5	* Water
<input type="checkbox"/>	Dipropylene Glycol ×	25265-71-8	* Fragrances
<input type="checkbox"/>	Disopropanolamine ×	110-97-4	* PH adjuster

5 items, 0 selected

UPDATE NOTES

Try out Instrument!

Please refer to your Account Manager ←

# Instrument UI (3/3) – Product Packaging Experience

Enable customers to efficiently manage logistics by providing an overview of their products' packaging hierarchy

@BUSINESS USER

A structured packaging hierarchy can play a key role in optimizing the physical distribution of products and supply chain efficiency. Product combinations, exclusive retail partnerships, bundles and seasonal offerings complicate the landscape even further.

With 2024.2 we are introducing a tailor-made Product Packaging Experience to help you manage your packaging hierarchy. This enables you to see where, what and how a product is included in the hierarchy. This further allows you to view and maintain pallet set-up and configurations to effectively optimize distribution and combinations the product is involved in.

Item name	GTIN	Packaging object types	Quantity	Hierarchy level
▼ Packaging hierarchy - Big variety shipper				
▼ Big variety shipper	921733-200	Pallet	1	1
▼ Quaker big chewy choc...	921733-201	Case	24	2
▼ Granola dark chocolate p...	921733-211	Pack	12	3
▣ Granola bar dark cho...	921733-221	Each	6	4
▼ Granola white chocolate p...	921733-212	Pack	12	3
▣ Granola bar white cho...	921733-222	Each	6	4
→ Quaker big honey flavour	921733-202	Case	24	2
→ Quaker big wheat flavour	921733-203	Case	24	2
→ Quaker big milky choco...	921733-204	Case	24	2
> Packaging hierarchy - Medium variety shipper				
> Packaging hierarchy - Small variety shipper				

UPDATE NOTES

Try out Instrument!

Please refer to your Account Manager ←

# Watch the 2024.2 Product MDM/PIM Showcase!

For a detailed deep dive into the PMDM enhancements, click on the picture below.



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 [Using AI/ML to Enhance the Matching Experience](#)
- 2 [Loqate Cloud Address Verification Update](#)
- 3 [Watch the 2024.2 Customer, Supplier and Location MDM Showcase!](#)
- 4 [Watch the Customer MDM EMGO!](#)

# Using AI / ML to Enhance the Matching Experience

Complexities in building performant matching algorithms, growth in data volumes and a conservative approach to merge automation impacts an organization's ability to create, sustain and govern a trusted single version of the truth

@ADMIN,  
@BUSINESS USER

Our vision of matching is underpinned by a mantra of MDM made easy –

- Minimize the burden of defining match rules
- Put match tuning in the hands of data owners
- Leverage AI/ML to enhance, automate and improve the matching process

In 2024.2 we have further evolved our matching capabilities within two key initiatives

UPDATE NOTES

## 1. AI Machine Learning Matchers

CAPABILITY VIDEO

Providing pre trained ML matchers that have captured industry standard and complex matching edge cases. Reduces the skills and effort required to establish a matching algorithm, ensuring faster ROI, better scalability, and easier future maintainability.

In 2024.2 a new version of the Person Name matcher is introduced to improve matching outcomes and reduce matching setup time.

## 2. Match Recommendations Through Machine Learning

CAPABILITY VIDEO

Match recommendations through ML improve operational efficiencies and productivity. MDM observes and learns from manual duplicate review decisions and provides intelligent match recommendations derived from continuous learning.

In 2024.2 we have improved robustness and scalability of match recommendations through ML.

Available with the Customer Domain and Supplier Domain license ←

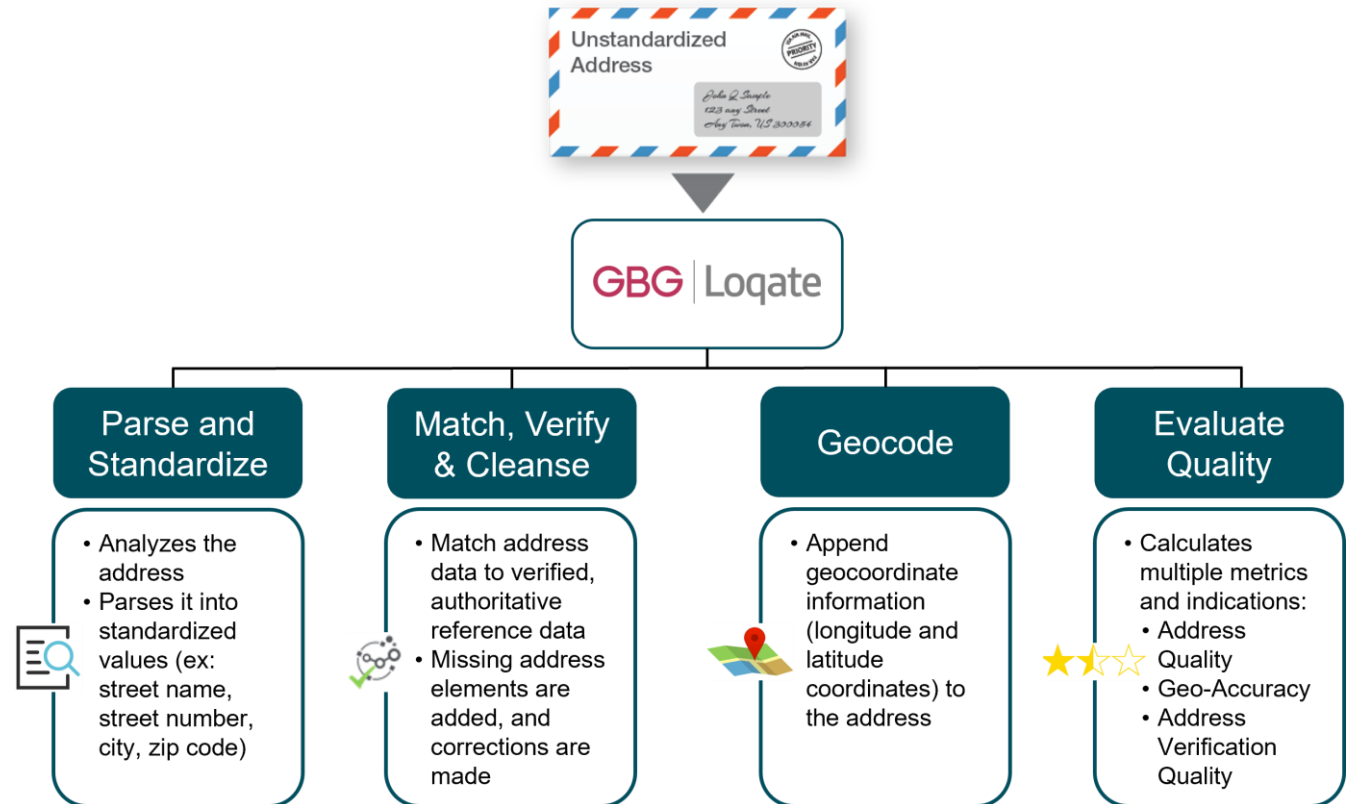
# Loqate Cloud Address Verification Update

A Customer MDM solution is of little value unless it contains accurate, verified and up to date customer contact data

@BUSINESS USERS

Stibo Systems continues to partner with the industry leading global address solution provider, Loqate, and through our pre-built connector, we support address verification and cleansing services out of the box.

With 2024.2 we have updated the connector to use Loqate's latest cloud API. This removes the risks associated with staying with legacy APIs and leverages Loqate's new AI address parser, which provides an uplift in verification rates and performance. Any Loqate Cloud API calls will seamlessly be made through the new API once you update to 2024.2.



Optional Add-On for Customer, Supplier or Location Domains ←

UPDATE NOTES



# Watch the 2024.2 Customer & Supplier MDM Showcase!

For a detailed deep dive into the CMDM enhancements, click on the picture below.



# Watch the 2024.2 Customer MDM EMGO!

To get an overview of the 2024.2 solution enablement guidelines, click on the picture below.



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

[User Journey Enhancements](#)

2

[Migration to MongoDB](#)

3

[Working at Scale – Flags and Filters](#)

4

[Dynamic Record Top-Off](#)

5

[Watch the 2024.2 Product Data Exchange Showcase!](#)

# User Journey Enhancements

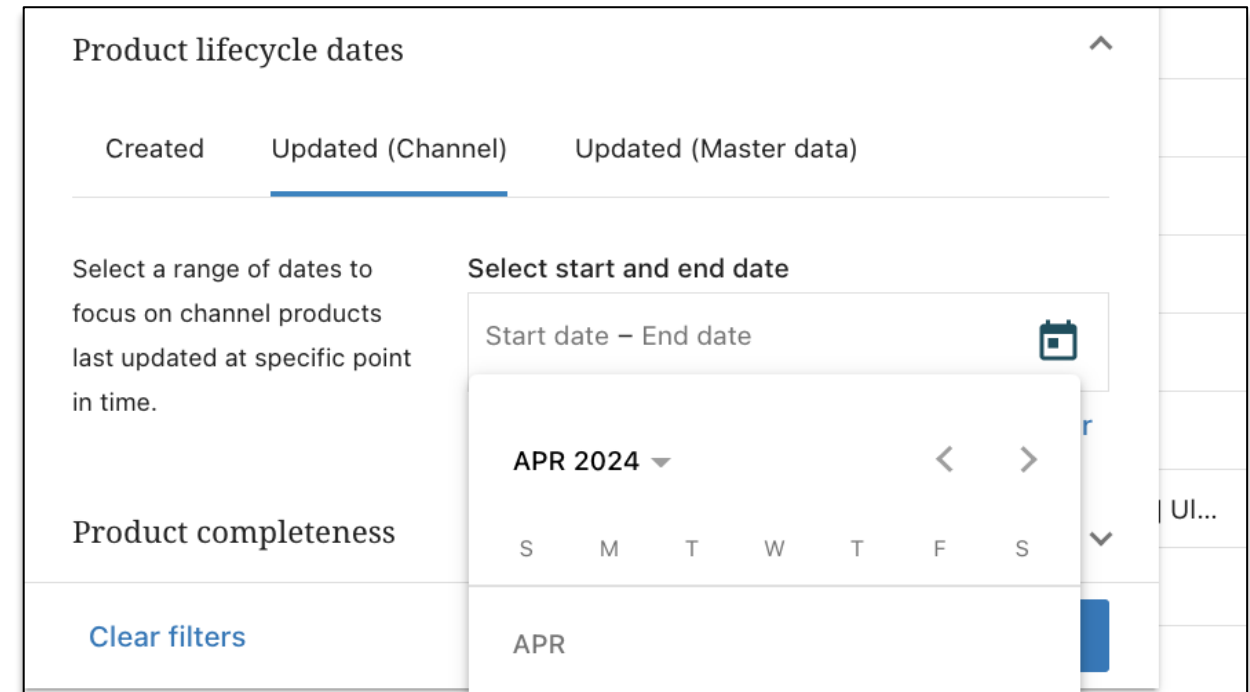
To syndicate and onboard product data vendors and retailers need a toolkit that empowers them to execute their business objectives quickly and easily

@BUSINESS USER

To speed up time-to-market, brands need an enterprise tool that will simplify and accelerate their operations, minimizing time spent on repetitive actions and maximizing the outcome for the business.

In the 2024.2 update, we are delivering a variety of improvements to our user journey:

- ability to filter by last updated date range (screenshot)
- unlimited product export from channels to spreadsheets
- search by any attribute in direct and onboarding channels
- flexibility to apply conditions on complex-to-flat attribute mappings



UPDATE NOTES



# Migration to MongoDB

**Businesses need a scalable tool that supports them as they grow**

@ADMIN

As the world of commerce continues to grow, the expectations for speed and volume across business and customers continues to accelerate as well. Businesses need their enterprise tools to support their mission critical operations and scale to meet their requirements.

In the 2024.2 update, we are migrating to a new database technology that will allow PDX to continue to scale as our customers grow their own businesses.



## Working at Scale - Flags and Filters

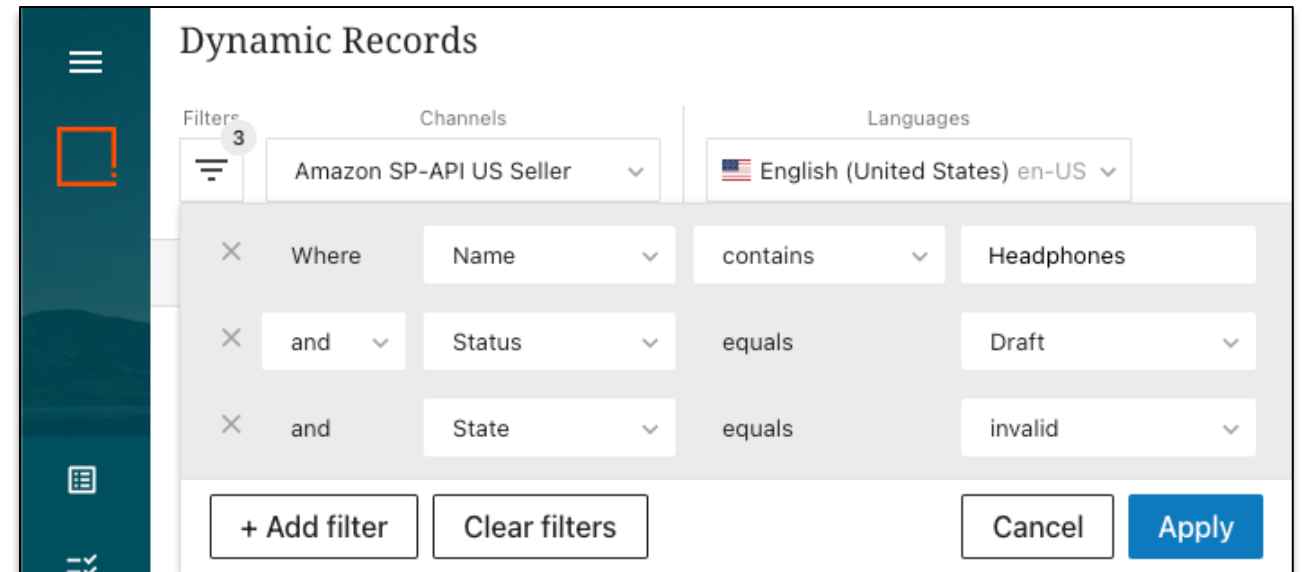
**Manufacturers and CPGs struggle to create and maintain below-the-fold content for their large product assortments as current tools are not scalable enough**

@BUSINESS USER

Managing enhanced content for a large product assortment requires several tasks to be undertaken to successfully add it to the product detail pages, such as content top-off and final approval before publication.

In the 2024.2 update, we've added the capability to flag reviewed content, to provide the transparency necessary to ensure that only high-quality content is sent to retailers.

Furthermore, a variety of new filtering options have been added allowing users to quickly identify relevant Content Records to action.



Available with PDX Enhanced Content license ←

UPDATE NOTES



## Dynamic Record Top-Off

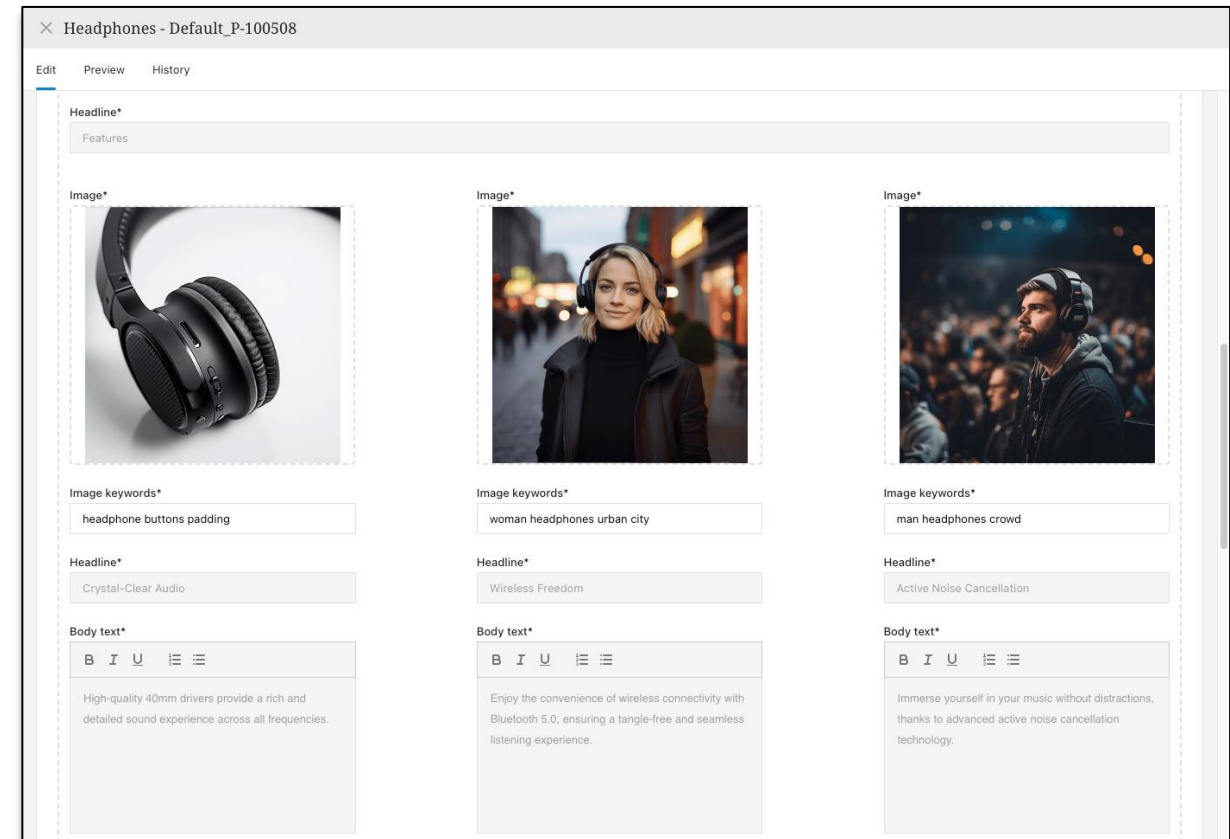
**Manufacturers and CPGs struggle to create and maintain below-the-fold content for their large product assortments as current tools are not scalable enough**

@BUSINESS USER

Although templates can be used to create publication-ready content for a given channel, this may not be the final step on the automation journey, as many brands discover new data requirements when publishing enhanced content.

In the 2024.2 update, users can now flag parts of a template as manually maintained, allowing content to be specified for each of the Dynamic Records in cases where upstream data is missing.

This enables brands to maximize the automation of their content creation process and increase individual productivity as new master data becomes available, further decreasing operational costs and time-to-market.



Available with PDX Enhanced Content license ←

# Watch the 2024.2 Product Data Exchange Showcase!

For a detailed deep dive into the PDX enhancements, click on the picture below.



QUESTIONS, COMMENTS?

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



**Søren Lundtoft**

Director, Product Management  
Commerce & Syndication



# Enhancement Requests

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# Enhancement Requests

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

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 2024.2:

1. The System Setup selector is now available in Mapping when exporting Classifications, which is needed if you want to export attribute meta data for attributes linked to classifications.

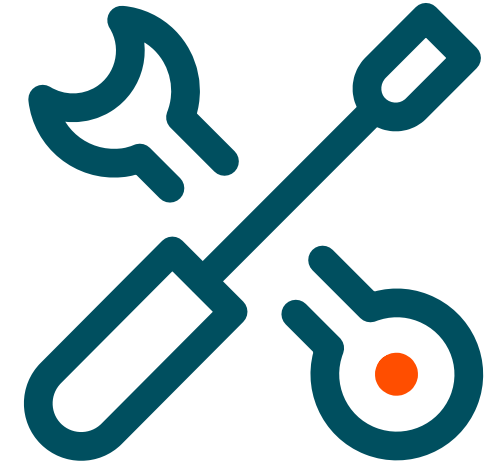
UPDATE NOTES

2. In the current MDM landscape where maintaining and tracking changes on hundreds of thousands of product datasheets is required, we aim to make this task easier by bringing Automated Datasheet Creation to the market. This comes to fruition by monitoring product data changes, and automatically creating or updating standardized datasheet PDF files, following a pre-configured template-based approach. The automatically created file will hereafter be auto-classified and linked together with the appropriate product.

UPDATE NOTES

CONFIGURATION VIDEO

ER 1: @DEVELOPER  
ER 2: @BUSINESS USER



ER 1: Included in Base  
ER2: Available with Print license ←

# How to Update

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# First Step to Updating

Have you seen something that could benefit your business? Are you ready to update and to experience the full potential of 2024.2? 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-Premise customers**

Please reach out to your Account Manager

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

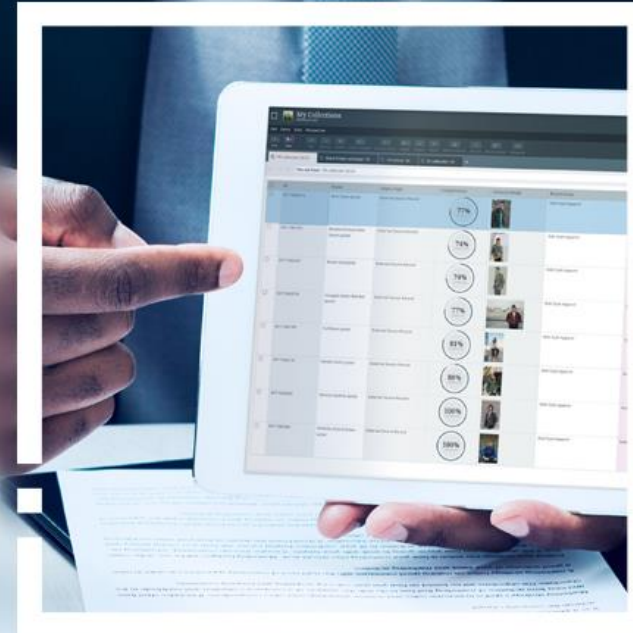
# Benefits of Updating

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 Information

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[2024.2 Update Activities](#)

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[Stibo Systems Online Community](#)

3

[MDM Academy Offerings](#)

4

[Product Documentation, Newsletters, Resource Library](#)

## 2024.2 Update Activities

As part of the update process, **Product Showcases** and an **Enablement Overview** have been delivered. These sessions allow for a deeper dive in our solution both from a business and technical standpoint.

All recordings are available to watch from this deck and can also be found on your [Online Community's 2024.2 Update Page](#)\*.

\*[Community access](#) is required to watch these recordings.

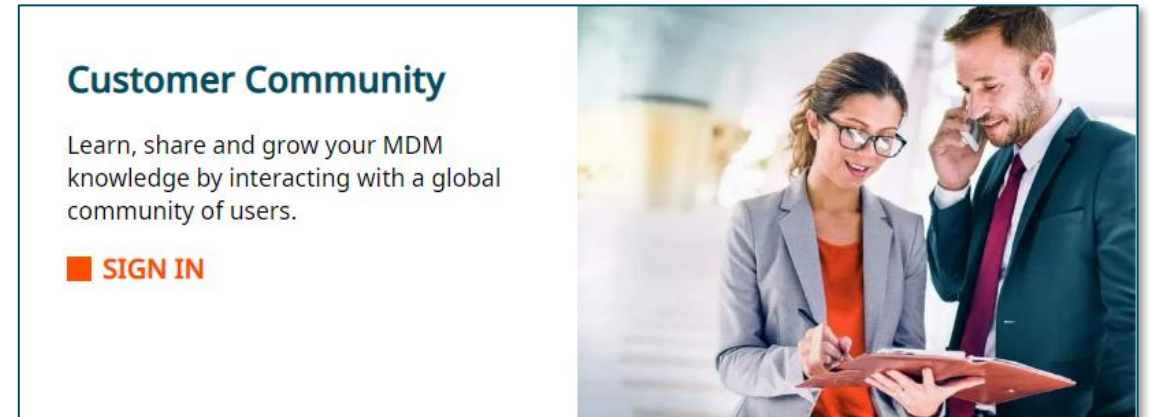


# Stibo Systems Online Community

With our Online Community get exclusive access to a wealth of opportunities:

- Participate in peer-to-peer forums and groups
- Pose questions, provide answers and share your first-hand knowledge
- Connect directly to Stibo Systems' experts to get the latest software updates
- Grow your expertise by building your MDM network
- Share and vote on new ideas
- Follow [2024.2 update communications](#) (download update decks, read update notes, watch update videos and more!)
- Attend our Community Live webinars

*You are a member of our Community?  
Click here to sign in!*



**Customer Community**

Learn, share and grow your MDM knowledge by interacting with a global community of users.

**SIGN IN**

*Not a member of our Community yet?  
Click here to request your access today!*

# 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	MDM Solution Architecture and Integration	Data Modeling	JavaScript Business Rules	System Admin Fundamentals
			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! Virtual classroom

- PDX Onboarding – due in July 2024

## Next

- Solution Design for Customer MDM
- Business Rules - Self-paced online

## Later

- PDX Enhanced Content
- Instrument

Part of Track Certification

Not Part of Track Certification

■ Available as self-paced online course

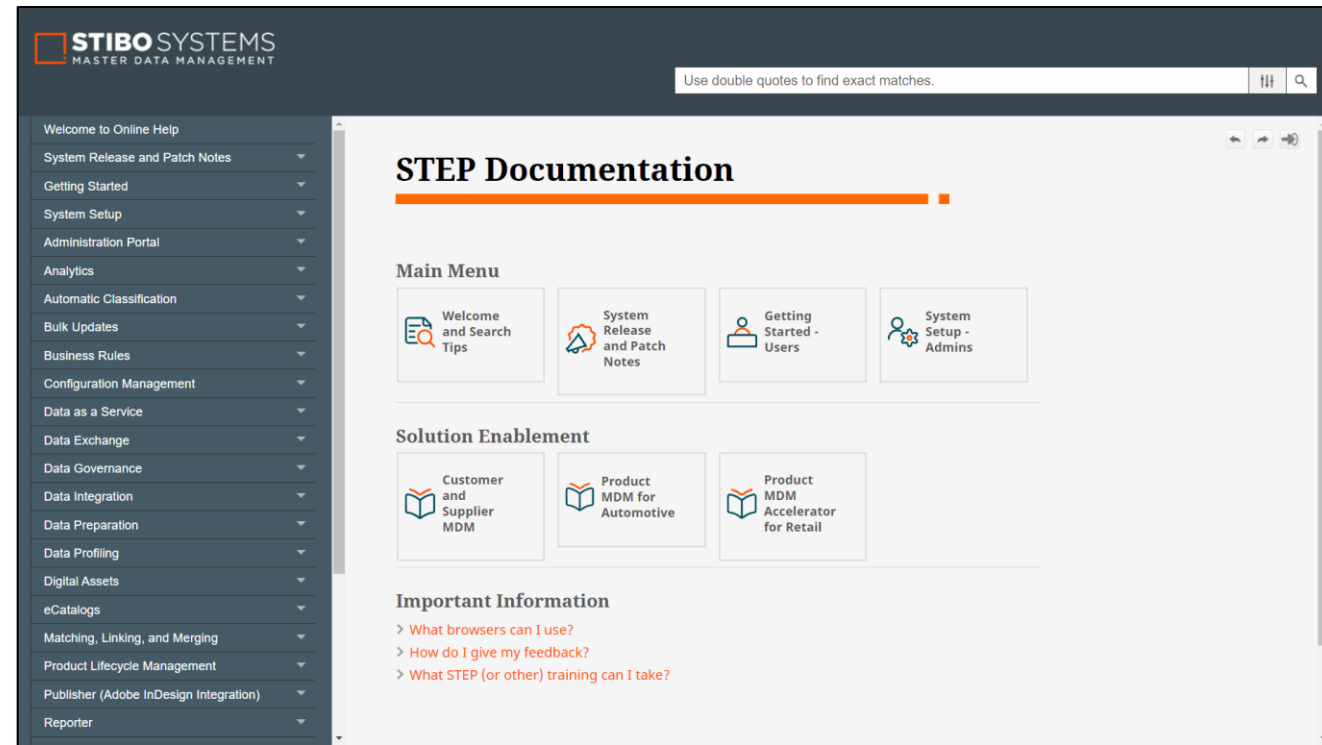
■ Available as virtual classroom course

■ Available as a in-person classroom course

# Product Documentation

With each new update comes updated STEP Documentation\* including

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



\*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.

# Customer 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 (March, June, September and November).

Customer newsletters are sent to all Customers and no subscription is required to receive them! The last newsletter was sent on [June 4](#) and if you did not get it, please make sure to check your spams or reach out to your Account Manager.

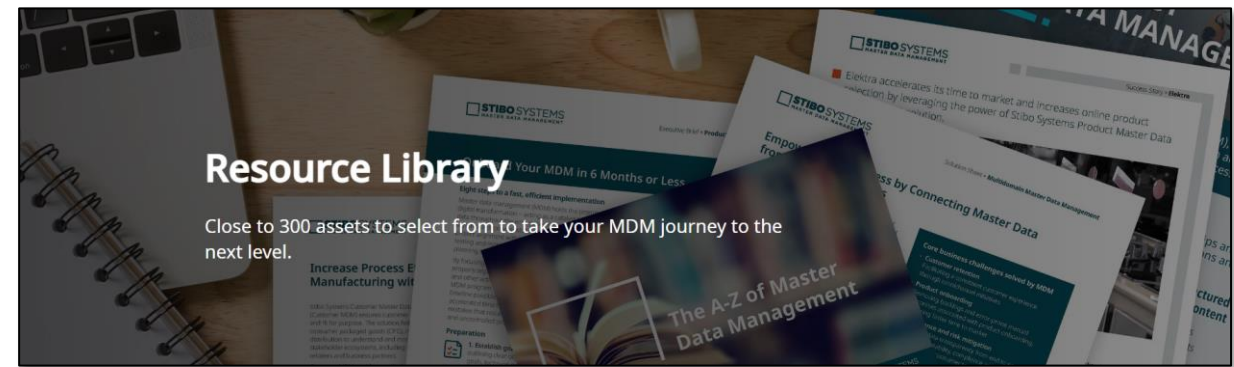
Upcoming newsletters are scheduled for [September 3](#) and [November 26](#). Save the dates!



# 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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# Previous Updates

- 1 [2024.1](#)
- 2 [2023.4](#)
- 3 [2023.3 \(11.3\)](#)
- 4 [11.2 \(2023.2\)](#)
- 5 [11.1](#)
- 6 [All previous versions \(8.0 to 11.0\)](#)

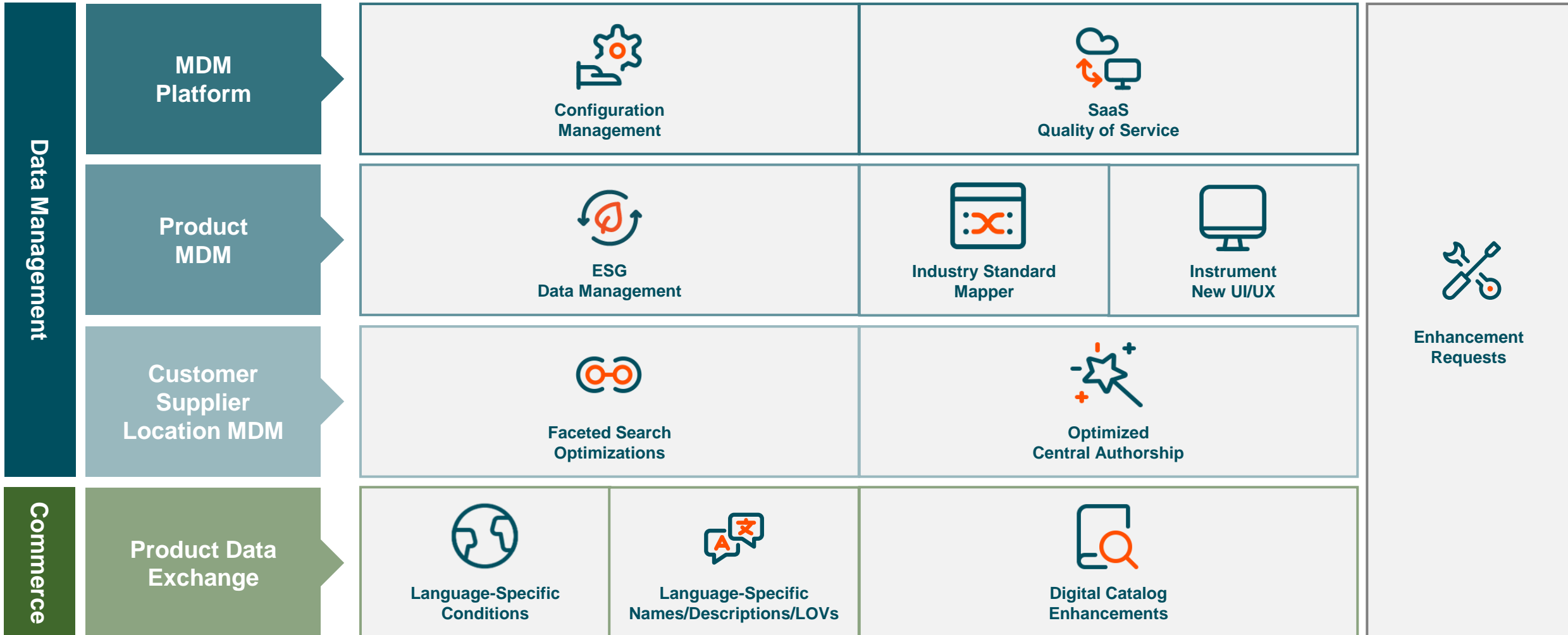
\*\*\* READ THE 2024.1 UPDATE DECK \*\*\*

# 2024.1 Update Initiative Map - Looking for more info? Click any white tile!

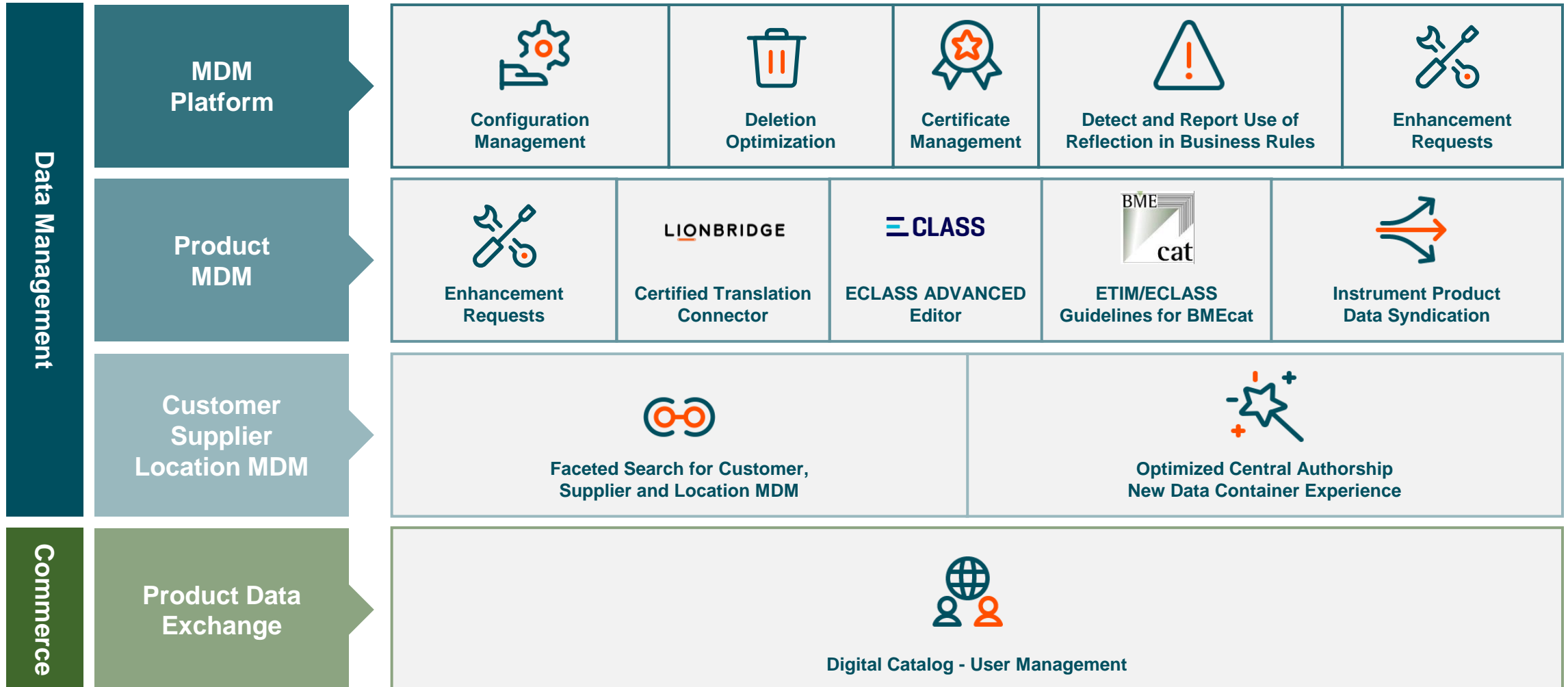
Data Management	MDM Platform	 Workbench Facelift	 Self-Service UI Update	 MDM Platform ERs	
	Product MDM	 Instrument Update	 ECLASS ADVANCED Filtering	 DemoUp Cliplister Integration	 Product MDM ERs
	Customer Supplier Location MDM	 Simplified Matching	 Faceted Search Performance and Scale	 Optimized Central Onboarding	 Enhancement Requests
Commerce & Syndication	PDX Onboarding	 PMDM Channels Support Multiple Markets	 PDX UI in my Local Language		
	PDX Syndication	 Digital Shelf Analytics	 PDX UI in my Local Language	 Process Log	
	Enhanced Content	 Templatized Content Generation	 Publish to Amazon Markets	 Content Editor	

\*\*\* READ THE 2023.4 RELEASE DECK \*\*\*

# 2023.4 Release Initiative Map - Looking for more info? Click any tile!



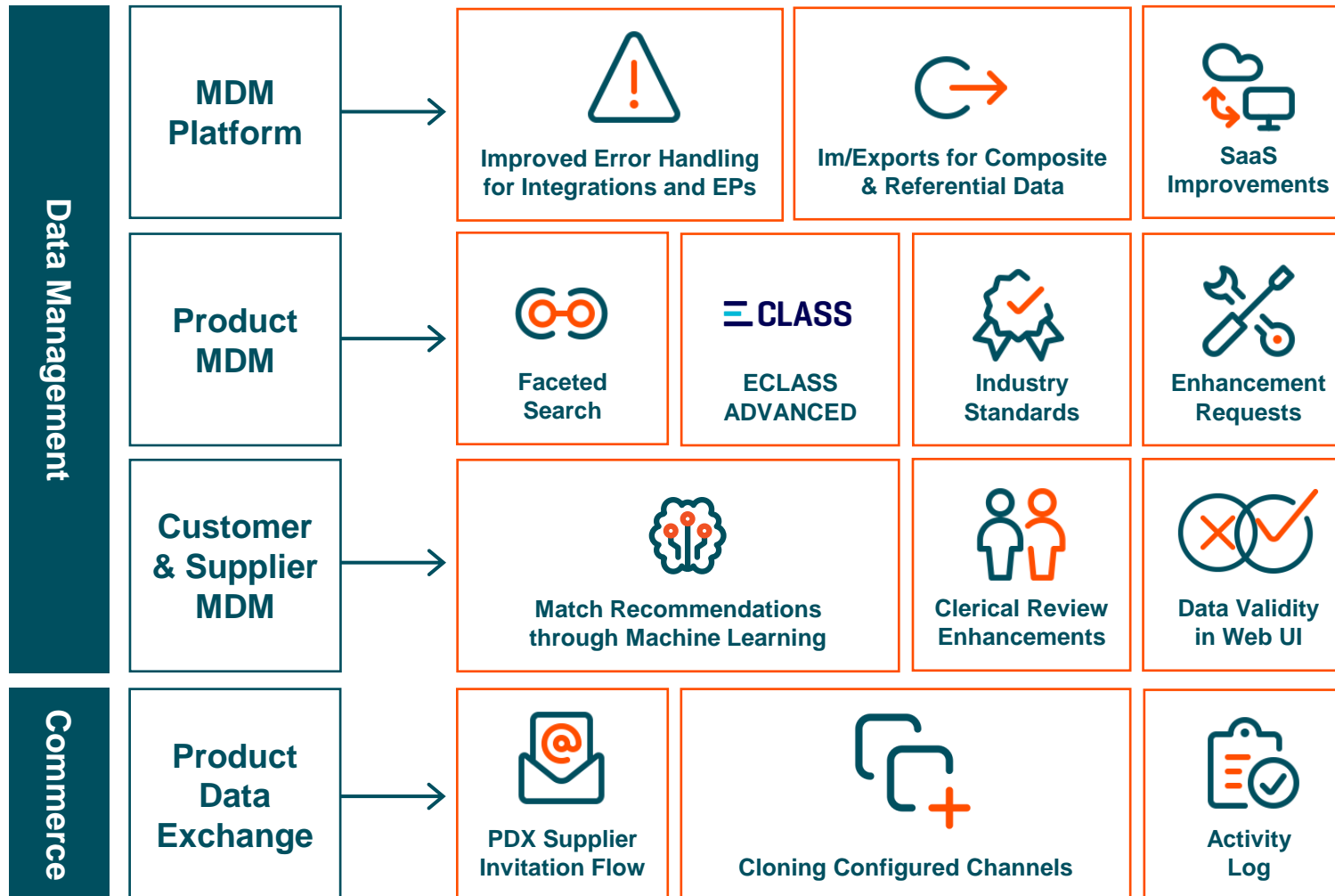
# 2023.3 (11.3) Release Initiative Map - Looking for more info? Click any tile!



# 11.2 (2023.2) Release Initiative Map - Looking for more info? Click any tile!



# 11.1 Release Initiative Map - Looking for more info? Click any tile!



# STEP 11.0 – June 2022

- Modern Search Experience (Product MDM)
- DAM Integration
- EClass Advanced
- Data Management for Retail (Supplier)
- Match Recommendations Through ML
- Digital Catalog (PDX)
  - Scheduled Auto-Submissions
  - Simplified Data Exchange
- Performance Improvements and Visibility - PDX, CMDM, Platform



# STEP 10.x

## 10.0 MAY 2020

- Web UI and Search Improvements
- PDS
- Automotive Standards Enhancements
- Partial Approvals for WebUI
- Revision History & Error Handling
- Product Comparison & Scoring (PDX)
- Matching to Unmerge (Customer MDM)

## 10.1 DEC 2020

- Multitenant SaaS - Cassandra
- UX with brand and style
- Syndication experience improvements
- Commercial licensing
  - Data preparation and list processing
  - Supplier Self-Service
  - SAP-certified DEBMAS / CREMAS connectivity

## 10.2 JUN 2021

- Rename (PMDM and PDX)
  - PDS → PDX
  - PIM for Retail → Data Management Accelerator for Retail DaaS – ramp up
- ECLASS Advanced (PMDM)
- Reseller Channels —'custom' channels (PDX)
- New Dun & Bradstreet Direct+ Connector —(CMDM and Supplier MDM)
- Data Preparation and List Processing (CMDM)
- Commercial licensing :
  - DaaS
  - ECLASS Advanced
  - PIM for Automotive Retail
  - Dun & Bradstreet Direct+ Enrichment Service

## 10.3 DEC 2022

- DaaS – direct high-volume consumption
- Strengthened SaaS offering
- Machine Learning Match Recommendations for Clerical Review Task List (CMDM)
- Dashboard & Bulk Import — (PDX Retailer Product Onboarding)
- Commercial licensing :
  - DaaS
  - PDX configured Channels

# STEP 9.x

9.0	JUN 2018	9.1	MAR 2019	9.2	AUG 2019	9.3	DEC 2019
	<ul style="list-style-type: none"><li>▪ PDS</li><li>▪ GDSN Publisher &amp; Receiver Solution</li><li>▪ Translation services Integration</li><li>▪ Composite attributes</li><li>▪ Industry standard updates</li><li>▪ UX, Data Governance, workflows</li><li>▪ Improvement asset management</li><li>▪ Guided Data entry</li><li>▪ Print Publishing</li><li>▪ Data exchange and 3rd party tool</li><li>▪ Automotive</li></ul>		<ul style="list-style-type: none"><li>▪ UX Improvements (LoV, Error Handling &amp; Search)</li><li>▪ Audit Message Framework</li><li>▪ Embedded Analytics (Intro)</li><li>▪ PDX – Syndication</li><li>▪ GDSN Receiver</li><li>▪ Private Label &amp; Recipe Support for Retailers</li><li>▪ Address Completion (Customer MDM)</li><li>▪ Configuration Management</li><li>▪ Open Platform (Extension API + OIEP)</li><li>▪ Cassandra DB (Intro)</li></ul>		<ul style="list-style-type: none"><li>▪ User Experience<ul style="list-style-type: none"><li>▪ Scheduled auto clean-up of Recycle Bin</li><li>▪ Faceted Search (Intro)</li><li>▪ Content Editing</li></ul></li><li>▪ Translation Automation</li><li>▪ Google Vision API Integration</li><li>▪ Configuration Management</li><li>▪ Data Catalog</li><li>▪ Vendor Managed Channels (PDX)</li></ul>		<ul style="list-style-type: none"><li>▪ ML powered automatic classification of product</li><li>▪ PMDM for Retail &amp; product content management</li><li>▪ Data container editor – centralized MDM</li><li>▪ Survivorship rule – CMDM</li><li>▪ Multidomain functionality</li><li>▪ Power BI report, dashboard in WebUI</li><li>▪ Rest API V2, STEP XML XSDs enhancement - importChangeInfo</li><li>▪ Image watermarking on export, data sufficiency</li><li>▪ Mandatory references</li></ul>

# STEP 8.x

8.0	MAR 2016	8.1	NOV 2016	8.2	JUN 2017	8.3	JAN 2018
<ul style="list-style-type: none"><li>▪ Increased security</li><li>▪ Multi-object onboarding tool in Web UI</li><li>▪ Data visualization interface in Web UI</li><li>▪ Shared data in Web UI</li><li>▪ Support for deduplication tasks</li><li>▪ STEP GDSN to support the GS1 MR3 format (BMS + 1WS)</li><li>▪ Maintain attributes and LOVs in Web UI</li><li>▪ Print Publishing</li><li>▪ Conditionally mandatory attributes in workflow states</li><li>▪ Inclusion and exclusion of automatically added objects in Change Packages</li><li>▪ Renaming : Portal to Web UI</li></ul>	<ul style="list-style-type: none"><li>▪ Asset importer - standard configuration</li><li>▪ Web UI - simplified selection of objects, custom icons, text for toolbar action buttons</li><li>▪ Data containers for simplified data modeling of entities</li><li>▪ Export asset content via STEPXML</li><li>▪ Smartsheets</li><li>▪ Map IPGLN with GDSN Register and Publish actions</li><li>▪ System diagnostic tools - business rules tracing and healthchecks</li><li>▪ Support for eSignature, on-demand re-authentication for regulated industries and data</li><li>▪ Value storage model implemented for the In-Memory Solution</li></ul>	<ul style="list-style-type: none"><li>▪ Web UI Improvements:<ul style="list-style-type: none"><li>▪ With Google Material Design principles</li><li>▪ Simplified auto-testing with unique IDs</li><li>▪ Improved Role-based Security</li></ul></li><li>▪ Authentication &amp; APIs:<ul style="list-style-type: none"><li>▪ Single Sign-on (SAML)</li><li>▪ Expanded Extension API functionality</li><li>▪ Capturing Asset content via the scripting and extension APIs</li></ul></li><li>▪ Workflow Improvements:<ul style="list-style-type: none"><li>▪ Assignment of Status Flags to a workflow task</li><li>▪ Simplified usage of Status Flags throughout STEP</li></ul></li><li>▪ Added flexibility and functionality for managing List of Values (LOV)</li></ul>	<ul style="list-style-type: none"><li>▪ Web UI Improvements for better UX:<ul style="list-style-type: none"><li>▪ Guided navigation – easy set up via a Wizard<ul style="list-style-type: none"><li>- Global Search</li></ul></li><li>▪ LOV management and type-ahead</li><li>▪ Attribute management</li></ul></li><li>▪ Web UI Visual Updates:<ul style="list-style-type: none"><li>▪ Product Data Visual</li><li>▪ Configuration Options</li><li>▪ Dynamic Table Layout</li><li>▪ Enhanced Tree Navigation</li></ul></li><li>▪ Translation Automation<ul style="list-style-type: none"><li>▪ Acrolinx Integration</li><li>▪ Data Exchange</li><li>▪ Formatted Excel</li></ul></li><li>▪ Industry Standard Data Exchange Formats and Classifications (ie. ETIM, BMEcat, eCI@ss)</li></ul>				

**Stay tuned for 2024.3, coming  
September 2024....**

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# Follow Us!

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BETTER BUSINESS.  
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# Appendix - Instrument

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# Steps to try Instrument

There are a few requirements needed before you can activate Instrument UI:

1. Be on the most recent STEP version (2024.2). Going forward, update to the latest version when available. Instrument 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 2024.2 Instrument Update Notes.](#)





# Appendix - Marketectures

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# STEP – MDM Platform Capabilities (1/4)

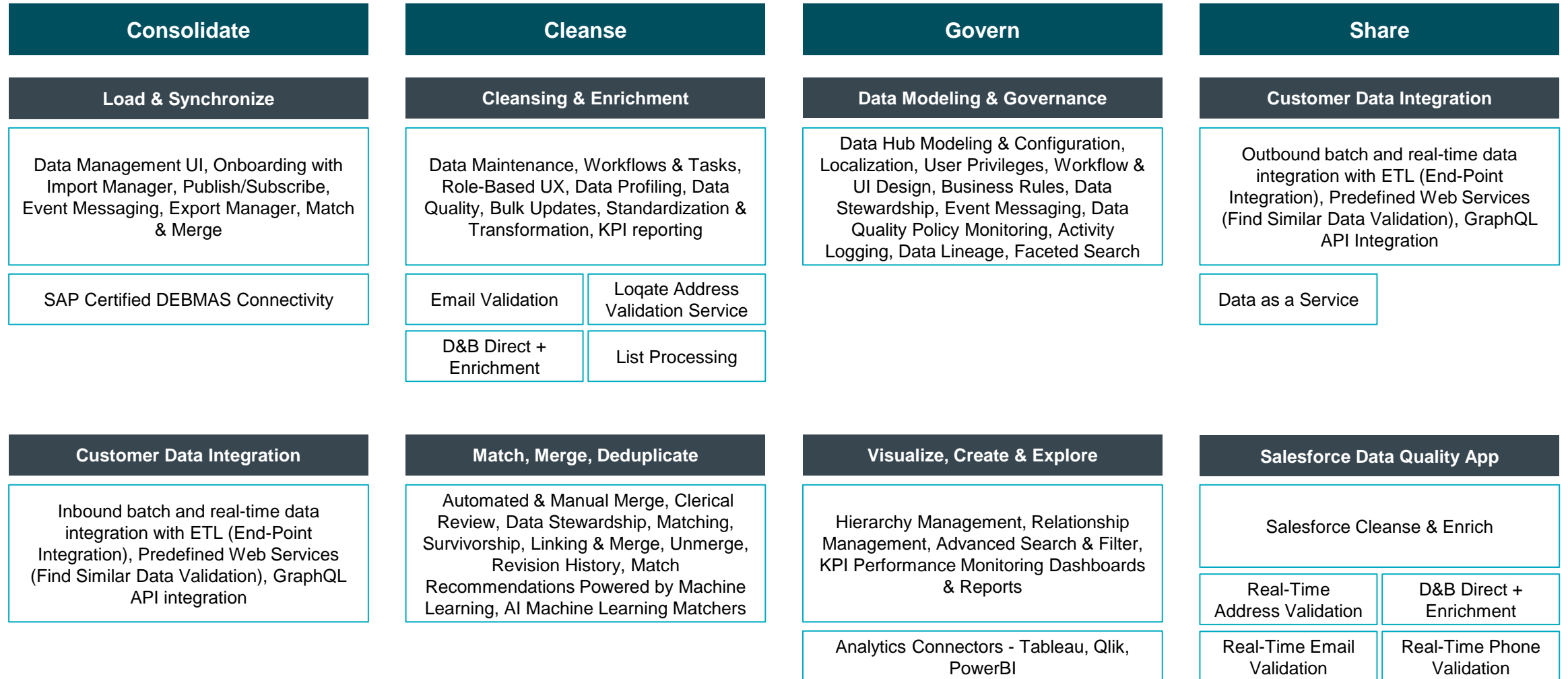
Data Management			Open Platform			Execution		
<b>Modelling, Profiling and Governance</b>			<b>Workflow and Business Rules</b>			<b>System Administration and Configuration Management</b>		
Graph Data Modelling	Contexts & Languages	Unique Keys	Workflow Designer	Task Assignment	Escalation Management	Admin Portal	Logging	Change Packages
Workspace & Approval	Attributes, Groups, Units & LOVs	Component Model	Dashboards & Monitoring	Rules for Process Integration	Rules for DQ	Performance Profiling	User Activity	System Configuration
Data Profiling	Smart Sheets	Product Variants	Rules for Automation	Rule Libraries	Matching	Data Health Checking	Monitoring	Import/Export
						Remote Administration API		
<b>Enrichment &amp; Digital Asset Management</b>			<b>Integration, API &amp; SDK</b>			<b>Performance, Scalability and Security</b>		
Web UI Designer & Components	Faceted Search	Single/Mass Object Editing	Integration End Points (IEPs)	Background Processes	Data Format & Mapping	Application Server Clustering	OWASP ASVS Compliance	Role-based Privileges
Bulk Update	Filter & Sort	External DAM Adapter	Scripting API	Event/Batch Data Delivery	Scheduling	Load Balancing	Web Security Scanning	User Groups
Cloud Asset Publisher	Analytics Connectors		Event Processor	Business Action Processor	APIs (REST, SOAP, Graph QL)	In-Memory Database	3 <sup>rd</sup> Party Governance	User Actions
			JDBC Delivery	Generic XML Export Format	Data as a Service	SaaS Self-Service	LDAP Enabler	Single Sign-On
			Amazon SQS Connector	Extension API	MongoDB Adapter			

# Product MDM Capabilities (2/4)

Acquire		Manage		Share			
<b>Product Data Sourcing</b> Data Management UI, Onboarding with Import Manager		<b>Data Modeling &amp; Governance</b> Data Modeling, Localization, User Privileges, Workflow & UI Design, Business Rules, Event Messaging, Monitoring, Profiling & Activity Logging		<b>Content Quality &amp; Enrichment</b> Data Maintenance, Workflows & Tasks, Role-based UX, Translation, Dashboards & Reports, Advanced Search & Filter, Profiling, Data Quality, Bulk Updates		<b>Product Data Syndication</b> Syndication with Export Manager, Syndication through OIEP Data Delivery	
Supplier Item Web UI	Retailer Content Service Provider API	Assisted Classification	Matching	Translation Service Connectors	Analytics Connectors	PDX Syndication	Stibo Systems Direct Channels
Product Data Exch. Onboarding	GDSN Receiver	Accelerator for Retail	Packaging Hierarchy			Configured Channels	Digital Catalog
Multi-Market Onboarding						1WorldSync PDX Markets	PDX Multi-Language Support
						Digital Shelf Analytics	PDX Enhanced Content
<b>Product Data Integration</b> Inbound and Outbound Data Integration with ETL (End-Point Integration)		<b>Industry Standards Support</b> Industry Standards Mapper UNSPSC Hierarchy Import BMECat Automotive - AutoCare		<b>Digital Asset Management</b> Digital Asset Management, Storage and Linkage, Asset Import, Quality Assessment & Validation, Image Variant Generation		<b>Print Publishing</b> Print Publisher for Adobe InDesign Proof View for Adobe InDesign Flatplanner	
Ariba CIF/cXML Export Format	SAP Certified MATMAS Connectivity	ECLASS Hierarchy Import	ECLASS ADVANCED			Actual Page Viewer	
xCBL Export Format	Data as a Service	ETIM Industry Standards Package	Automotive - TecDoc				

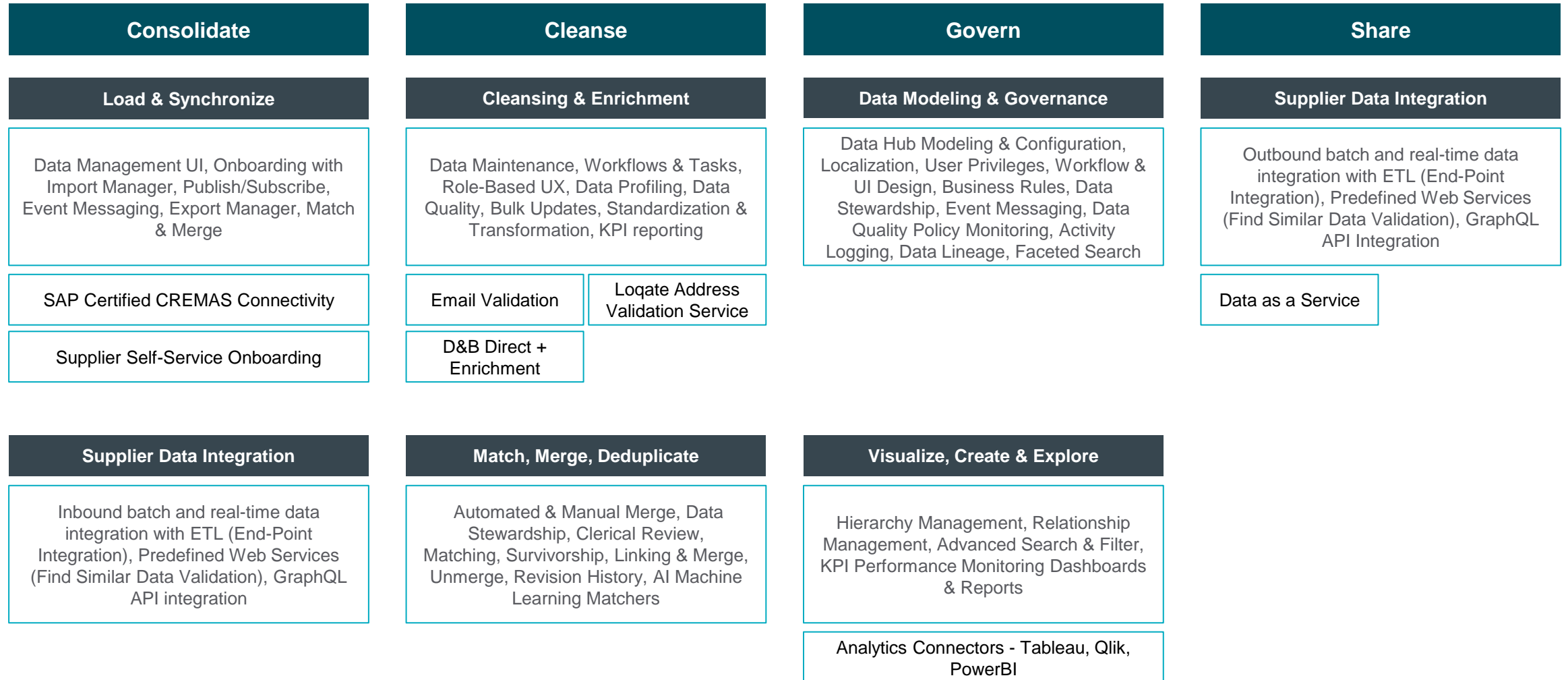
[Back to Initiative Map](#)

# Customer MDM Capabilities (3/4)



Initial Configurations: Party Domain Accelerators - including SAP Business Partner focused on common Party use cases

# Supplier MDM Capabilities (4/4)



Initial Configurations: Party Domain Accelerators - including SAP Business Partner focused on common Party use cases


# Appendix - Browsing Tips

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# Browsing Tips (1/2)

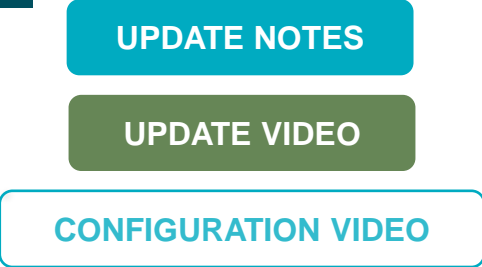
Welcome to the 2024.2 Update Overview Deck. Here are a few tips to help you browse the slides:

**1**




We've included shortcuts in this deck so you can easily reach the content you want to see. Clicking an initiative tile, a back arrow or an underlined text will take you there in no time!

**2**



Most of the following slides contain direct links to additional content (webpages, supporting documents\*, etc). Colored buttons will indicate hidden content!

**3**



You're looking for information based on user roles? We've got you covered! Simply search this deck (Ctrl + F or Cmd + F) for @ADMIN, @BUSINESS USER or @DEVELOPER to find the relevant slides for each.

\*Update Notes, Update Videos, Configuration Videos, Capability Videos, Product Showcases, CMDM Enablement Overview. [Community access](#) is required to watch videos.

# Browsing Tips (2/2)

Our highlight slides contain a lot of information. The example below details the type of content to expect and where it can be found on the slides.

**Update Version** → 24.2 HIGHLIGHT

**Applicable to all Domains** ← Which Domain(s) this initiative is applicable to

**Initiative Name** → **Automated Digital Asset Handling**

**Market Problem** → **With digital assets managed in external systems, PIM customers need an easy and flexible integration to handle product-to-asset references**

**Problem vs Solution** → **With the 2024.2 update, we are addressing this market challenge head-on by optimizing import configurations in the asset importer to automatically handle assets stored in external DAM systems. This ensures creation and update of assets, linkage to products through naming conventions or metadata as well as continuous handling of updates from the DAM via REST APIs. We are also introducing a powerful pre-processor for data adaptability. The increased flexibility and near real time updates will reduce manual effort and will help speed up the business process.**

**Upcoming Supporting Documents\*** → UPDATE NOTES | UPDATE VIDEO | CONFIGURATION VIDEO

**Which User Role(s) this initiative is mainly addressing** → @ADMIN, @BUSINESS USER

**Screenshot/Infographic Tip: use your PDF reader's zoom for a detailed look at the images!** →

**Browse back to the Update Initiative Map** → Included in Base

**Which License is required to unlock this capability** → 14 STIBO SYSTEMS ■ INTERNAL

**Table of Contents**

\*Not all initiatives include Update Notes, Update Videos or Configuration Videos. [Community access](#) is required to watch Update Videos.