



Informatica® MDM - Product 360
10.5 HotFix 1

Release Notes

Informatica MDM - Product 360 Release Notes
10.5 HotFix 1
December 2022

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Preface

Refer to the *Informatica® MDM - Product 360 Release Notes* to learn about new features and enhancements, behavior changes between versions, and support changes in this version.

Informatica Resources

Informatica provides you with a range of product resources through the Informatica Network and other online portals. Use the resources to get the most from your Informatica products and solutions and to learn from other Informatica users and subject matter experts.

Informatica Network

The Informatica Network is the gateway to many resources, including the Informatica Knowledge Base and Informatica Global Customer Support. To enter the Informatica Network, visit <https://network.informatica.com>.

As an Informatica Network member, you have the following options:

- Search the Knowledge Base for product resources.
- View product availability information.
- Create and review your support cases.
- Find your local Informatica User Group Network and collaborate with your peers.

Informatica Knowledge Base

Use the Informatica Knowledge Base to find product resources such as how-to articles, best practices, video tutorials, and answers to frequently asked questions.

To search the Knowledge Base, visit <https://search.informatica.com>. If you have questions, comments, or ideas about the Knowledge Base, contact the Informatica Knowledge Base team at KB_Feedback@informatica.com.

Informatica Documentation

Use the Informatica Documentation Portal to explore an extensive library of documentation for current and recent product releases. To explore the Documentation Portal, visit <https://docs.informatica.com>.

If you have questions, comments, or ideas about the product documentation, contact the Informatica Documentation team at infa_documentation@informatica.com.

Informatica Product Availability Matrices

Product Availability Matrices (PAMs) indicate the versions of the operating systems, databases, and types of data sources and targets that a product release supports. You can browse the Informatica PAMs at <https://network.informatica.com/community/informatica-network/product-availability-matrices>.

Informatica Velocity

Informatica Velocity is a collection of tips and best practices developed by Informatica Professional Services and based on real-world experiences from hundreds of data management projects. Informatica Velocity represents the collective knowledge of Informatica consultants who work with organizations around the world to plan, develop, deploy, and maintain successful data management solutions.

You can find Informatica Velocity resources at <http://velocity.informatica.com>. If you have questions, comments, or ideas about Informatica Velocity, contact Informatica Professional Services at ips@informatica.com.

Informatica Marketplace

The Informatica Marketplace is a forum where you can find solutions that extend and enhance your Informatica implementations. Leverage any of the hundreds of solutions from Informatica developers and partners on the Marketplace to improve your productivity and speed up time to implementation on your projects. You can find the Informatica Marketplace at <https://marketplace.informatica.com>.

Informatica Global Customer Support

You can contact a Global Support Center by telephone or through the Informatica Network.

To find your local Informatica Global Customer Support telephone number, visit the Informatica website at the following link:

<https://www.informatica.com/services-and-training/customer-success-services/contact-us.html>.

To find online support resources on the Informatica Network, visit <https://network.informatica.com> and select the eSupport option.

CHAPTER 1

Download Software

This chapter includes the following topic:

- [Download Software, 6](#)

Download Software

You can download the installation packages for MDM - Product 360 10.5 HotFix 1.

Partners can request for software through the partner portal.

If you have not yet signed up, do it here: <https://partners.informatica.com/>

The following table lists the packages for the development of extensions for the current software version:

Content	Package	Remark
Product 360 SDK target	PIM_10.5.0.01_SDK_target.zip	This package contains the target platform for the development of Product 360 extensions.
Product 360 SDK complete	PIM_10.5.0.01_SDK_complete.zip	This package contains the target platform for the development of Product 360 extensions plus samples.
Java REST client	PIM_10.5.0.01_SDK_RESTclient.zip	This package contains the Java client implementation encapsulating the REST-based Services API.

CHAPTER 2

New Features

This chapter includes the following topics:

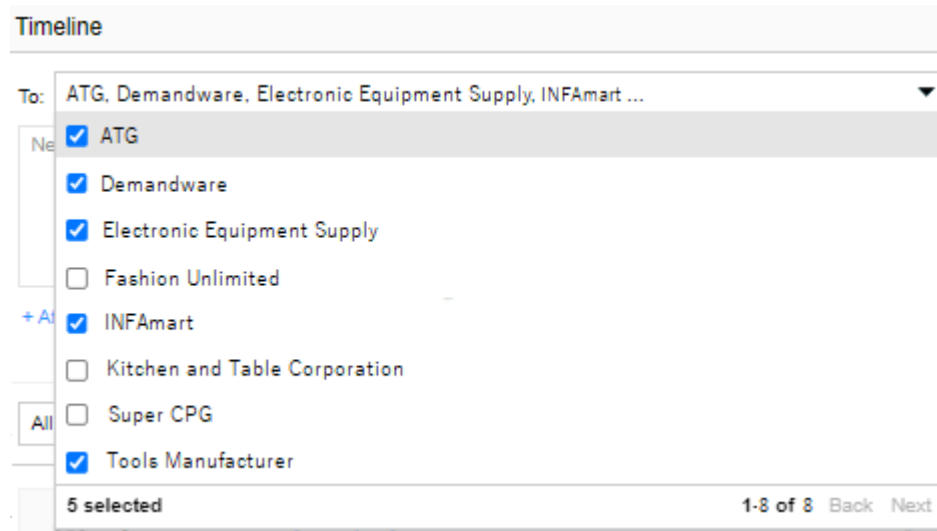
- [Supplier Portal - User Experience Enhancements, 7](#)
- [REST Object API - Support for OpenAPI or Swagger UI, 9](#)
- [Eclipse Target Platform Update, 10](#)
- [Accelerators, 11](#)
- [Email Notification Tasks, 12](#)
- [Configure the Supplier Catalog Information in the Audit Trail Search Result, 13](#)
- [Media Manager - Removal of Selected Native Media Manager Modules, 13](#)
- [Windows Server 2022 Support, 13](#)
- [Java Update , 13](#)
- [Control Center Deprecation, 13](#)
- [SNI Health Check , 14](#)

Supplier Portal - User Experience Enhancements

The Supplier Portal includes the following enhancements:

Collaborate with Multiple Suppliers at Once

The messaging functionality within the timeline for Portal Admins has been enhanced to allow sending messages to a selective subset of suppliers at once from the list in the 'To' dropdown. This will initiate individual threads with all selected suppliers to keep the conversation going.



Improved Insights on Supplier Engagement

Portal Admins can now gain more insights into suppliers' behavior with a newly added 'Last active' column in the Supplier overview for the organization level as well as supplier user level. It is also possible to sort the tables by this column to rank by engagement.

Supplier Name	Admin Name	Admin E-mail	Admin State	Last active	Users	Action
ATG	ATG Admin	admin@atg.com	Active	12/1/22	3	Choose action
Demandware	Demandware Admin	admin@demandware.com	Active		1	Choose action
Electronic Equipment Supply	Ernst Ernstine	Ernst@electronicequipmentsupply.com	Active	10/13/22	3	Choose action
Fashion Unlimited	Carie	carie@fashionunlimited.com	Active	11/22/22	3	Choose action
INFA mart	INFA mart Admin	admin@infamart.com	Active	10/13/22	4	Choose action
Kitchen and Table Corporation	KTC Admin	admin@ktcadmin.com	Active	10/13/22	2	Choose action
Super CPG	Admin supplier	supplier@supercpg.com	Active		2	Choose action
Tools Manufacturer	Johnson	admin@toolsmanufacturer.com	Active		1	Choose action

Supplier name: ATG
Supplier identifier: ATG

Configuration for automatic import: Manual approval required [Edit](#)
Supplier state: Active [Edit](#)

Configuration for online data editing: Online editing of catalog data enabled [Edit](#)

List of Users

Name	E-mail	State	Last active	User role	Action
ATG Admin	admin@atg.com	Active	8/29/22	Administrator	Choose action
Broker User	brokeruser@atg.com	Active	10/14/22	Broker	Choose action
Joerg Pong	joerg@pong.com	Active	12/1/22	Supplier user	Choose action

List of Catalogs

Name	Status	Last Test Run State	Last Test Run Date	Last Import State	Last Import Date	Action
Adidas	Active					Open catalog

REST Object API - Support for OpenAPI or Swagger UI

The Object API now fully supports the OpenAPI standard 3.0.3 for its operations.

From the [Open API Initiative](#), the Open API Specification defines a standard, programming language-agnostic interface description for REST APIs, which allows both humans and computers to discover and understand the capabilities of a service without requiring access to source code, additional documentation, or inspection of network traffic.

Not only humans can use this specification to easily understand the capabilities of the Object API, but also tools like Postman or other integration tools can read this specification and provide automated features based on it like Query/Response validations, ready to use stub and test code, graphical integration of the service within an orchestration tool etc.

For more information about Open API definitions for the existing ListAPI, see the **Swagger UI** section in the *Informatica MDM - Product 360 Accelerators* guide.

As a customer's repository is very individual, a static API file would not be sufficient. Therefore, a new service API endpoint has been created to obtain the OpenAPI specification individually.

URL Pattern	/object/{entity-identifier}/info
Method	GET
Accept	application/json If multiple accept headers are defined, they will be evaluated by their order. The wildcard media type (*/*) will result in XML.
Example	/rest/ V2.0 /object/Article/info

For more information, see the section **REST Object API** in the *Informatica MDM - Product 360 REST Service API* guide.

The screenshot displays the Swagger Editor interface. On the left, the OpenAPI specification is shown in a code editor. The specification includes the following details:

- OpenAPI Version:** 3.0.3
- Info:**
 - version: 2.0.0
 - title: Product 360 Object API
 - description: Object API of Product 360
 - contact:
 - name: Product 360 Team
 - email: product360@informatica.com
 - url: http://Informatica.com
 - license:
 - name: Informatica LLC
 - url: https://www.informatica.com
- Servers:**
 - url: http://localhost:1512/rest/V2.0/object
- Security:**
 - schema: http
- Paths:**
 - /Article:**
 - POST:**
 - tags: WRITE
 - summary: Create single 'Article' object
 - description:
 - Create single 'Article' object. In case the payload contains the corresponding external identifier field, this identifier will be used
 - for the object. In case no identifier is given, the system will automatically create one for the new object.
 - operationId: createArticle
 - requestBody:
 - required: true
 - content:
 - application/json:
 - schema:
 - \$ref: '#/components/schemas/EntityItemData'
 - application/xml:
 - schema:
 - \$ref: '#/components/schemas/EntityItemData'
 - parameters:
 - name: updateIfExists
 - in: query
 - description:
 - Based on this parameter an already existing entity item will be updated. In order for this to work, the identifier and container (if the entity requires one) must be part of the request body
 - required: false
 - schema:
 - type: boolean
 - default: false

On the right, the Swagger UI interface is shown, titled "Product 360 Object API". It includes a "Servers" dropdown menu set to "http://localhost:1512/rest/V2.0/object" and an "Authorize" button. Below this, the API endpoints are listed under "WRITE" and "READ" categories:

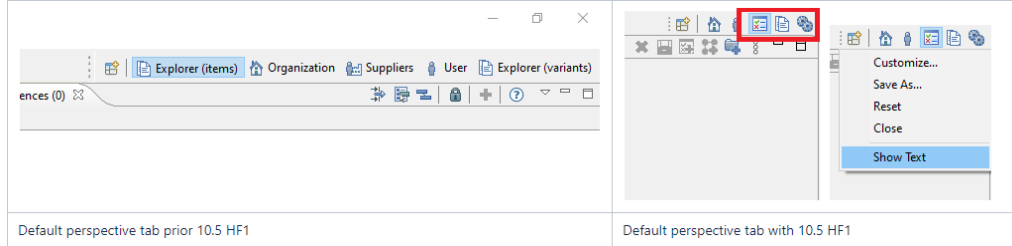
- WRITE:**
 - POST /Article:** Create single 'Article' object
 - PUT /Article/{entity-item}:** Update single 'Article' object
 - DELETE /Article/{entity-item}:** Delete single 'Article' object
- READ:**
 - GET /Article/{entity-item}:** Read single 'Article' object
 - POST /Article/byItems:** Reads multiple 'Article' objects

Eclipse Target Platform Update

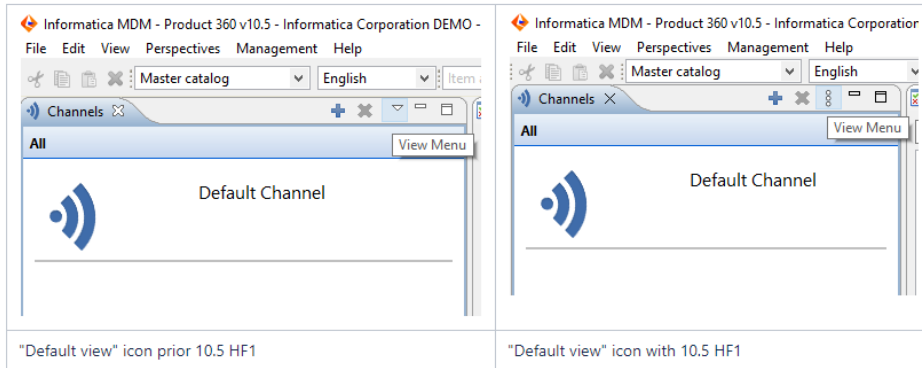
The Desktop UI includes the following updates:

Desktop UI Updates

- The perspectives are displayed as icons only by default to allow for more compact layouts. Right-click on the perspective tabs and choose **show text** to show the perspective title along with icons again if you want to change it.



- The "View menu" icon in all the tabs has been replaced by a vertical ellipsis.



Update of the Embedded Browser in the Desktop UI

We are following the standard of the new eclipse version now, which is a Chromium based Edge browser embedded from the SWT plugins that supports also for TLS 1.2.

Accelerators

Accelerators include the following updates:

CLAIRE - Improved Efficiency of Brand Extraction with Batch Processing

Batch execution is now possible for brand extraction using CLAIRE. In this release, we provide an example data quality rule configuration for brand extraction for a batch process setup. After installation and configuration of the CLAIRE accelerator, rule configurations are generated automatically on server start. For more information, see the CLAIRE accelerator documentation.

CLAIRE - Model Accuracy for Brand Extraction and Classification

Now it is possible to see the accuracy of trained models from brand extraction ML Models as well as classification machine learning (ML) Models via the Desktop UI. If one or both CLAIRE features are configured, there is a new menu item in the "Management" menu.

GDSN Accelerator - Additionally Supported Scenario for Product 360 Cloud Edition

In addition to the supported scenarios, Product 360 Cloud Edition now supports the atrify Data Recipient scenario as well.

GSDN Accelerator for Product 360 Cloud Edition	Data Source (e.g. Manufacturing)	Data Recipient (e.g. Retail)
1WorldSync - Item Management	Supported	Supported from 10.5
atrify - Data Sync Engine (Standard GDSN XML)	Supported from 10.5	Supported with 10.5 HotFix1

GDSN Accelerator - Automated Catalog Creation for Data Recipients

For companies that are recipients (e.g., retail) and want to receive data from their trading partners, further enhancements have been made to now import item data into individual supplier catalogs and also create them automatically within Product 360.

This allows the separation of multiple trading partners with ease and streamlines the data flow.

The file will be analyzed and the GLN of the information provider used to search for the corresponding catalog, and the supplier and catalog will be created if it does not yet exist.

Defining a fixed catalog is possible as well. For more information, see the section **Optional configuration for Data Recipient Scenarios** in the *Informatica MDM - Product 360 Accelerator* guide.

Email Notification Tasks

Starting with this release it is possible to set the encryption protocol of the mail server connection. This is done via a new property in the `server.properties` called `mail.securityMode.tls.protocol`.

```
server.properties
# Define the TLS protocol to be used, by default it's TLSv1.2. Will only be used if
mail.securityMode is set to TLS.
# Possible values are: TLSv1.0, TLSv1.1, TLSv1.2, TLSv1.3
#mail.securityMode.tls.protocol = TLSv1.2
```

Configure the Supplier Catalog Information in the Audit Trail Search Result

With this release, users can now identify the affected supplier catalog of a data change in the audit trail search. The value to be displayed in the container column can be configured to show the catalog name or identifier (or both) by using the 'Label Pattern short ' property in the repository editor.

Media Manager - Removal of Selected Native Media Manager Modules

To reduce the Omnis-based footprint, some of the native Media Manager modules are not shipped with the software anymore. The following legacy modules are removed from the installer:

- Production
- XOB
- Archive
- Interface

None of these modules are used in a typical Product 360 installation.

Note: After installing Product 360 10.5 HotFix1, these modules will prevent startup even if they have been installed with a previous version of Product 360.

Windows Server 2022 Support

With this release, Product 360 is now certified with Windows Server 2022.

Java Update

Product 360 has been updated to work with Java 17.

Control Center Deprecation

Due to some backend and infrastructure updates of the core of Product 360 with this HotFix release, a resulting incompatibility of Control Center had us to deprecate and remove it from the deliverables package immediately. If you are required to use Control Center for installation or operation of Product 360, we recommend downloading the version from the original Product 360 10.5 release and use it granting for compatibility.

SNI Health Check

With Java 17 upgrade, Server Name Indication (SNI) is enabled by default and has more restrictions with hostnames and certificates while using TLS with self-signed certificates.

CHAPTER 3

Fixed Limitations

This chapter includes the following topics:

- [Product 360 Main Fixed Limitations, 15](#)
- [Supplier Portal Fixed Limitations, 17](#)
- [Media Manager, 18](#)

Product 360 Main Fixed Limitations

This release delivers a number of bug fixes. If you encounter difficulties or have further questions regarding one of these limitations, contact Informatica Global Customer Support and reference the identifier.

The following table describes the fixed limitations for Product 360 main:

Reference Number	Description
HPM-59998	Cycle detected error while importing Structure group.
HPM-59858	CLAIRE removing last zero of the structuregroup id.
HPM-59756	Property field of type selection list values were displaying in same line in Web UI.
HPM-59698	Product Reference not visible in Web UI.
HPM-59694	Not able to enable AuditTrail for Workflow tasks.
HPM-59643	Detail Panel view does not blank out when user makes a fresh search using the filter option in Web UI.
HPM-59621	Product Reference not visible in Desktop UI.
HPM-59532	ObjectAPI GET Rest call for MediaAsset gives Error 500.
HPM-59524	Wrong encoding in Norwegian texts.
HPM-59523	Crashed job server is still used for second import job in hotfolder group.
HPM-59519	<code>java.io.IOException: entity content is too long for the configured buffer limit.</code>

Reference Number	Description
HPM-59477	Referencing of value list entries in the Web UI does not work.
HPM-59466	Removing objects via REST List API in any other version other than the working version, removes the affected object only from the working version.
HPM-59434	When searching for a characteristic value the null values will be ignored.
HPM-59419	Import function of existing mapping isn't working when file gets changed.
HPM-59367	Updating more than 1 objects with DQ rule returns null.
HPM-59301	Import of few items with many sub entity objects is very slow.
HPM-59300	Web UI not displaying MM property field data of type long text.
HPM-59298	Database migration of EntityID columns in ArticlePrice and ArticleReference tables at startup fails with NPE.
HPM-59285	When searching for a characteristic string value the null values will be ignored.
HPM-59251	Navigation Drop Down for Characteristics not working after deactivating child characteristics (NullPointerException occurs).
HPM-59235	Invalid Standard Repository in EBF1 of 10.5.0.00.
HPM-59210	Sort order of lookup value not same after 10.1 HF4 EBF1 upgrade.
HPM-59085	NullPointerException from KitComponentOnlyInKitsValidator, if versioning items.
HPM-59072	Filtering in WebUI doesn't work correctly for fields with check boxes.
HPM-59037	Spell check is not working at the first time for few fields in the product level.
HPM-59000	Quality status for channels gets updated in some cases without DQ rule execution.
HPM-58997	Timeout executing a server request while starting Desktop UI.
HPM-58979	NullPointerException happens when importing the excel file via Web UI.
HPM-58964	CssLayout objects in TaskContextTree are not cleaned up.
HPM-58961	finalize() method in ListModelSynchronizer prevents objects from being garbage-collected.
HPM-58960	Elasticsearch exception [type=illegal_argument_exception, reason=Result window is too large.
HPM-58882	The article details are still visible even after the task is finished.
HPM-58821	Comment and... -> "Accept and Finish"/"Finish work" in the Task Actions menu isn't getting refreshed instantly.
HPM-58765	Assignment field in Item attributes view taking time to load.
HPM-58742	Not showing the value of ArticlePriceValuePurchase.Amount.

Reference Number	Description
HPM-58715	Fields of section "Prices" are disappearing in field selection.
HPM-58714	Transition fields not displaying data in References tab.
HPM-58499	P360 view showing item in task even after approving/rejecting.
HPM-58494	The server (crashed/did not respond) after importing and/or starting the versioning process for a structure system.
HPM-58493	The webUI search by assortment based on Quality status not working as expected.
HPM-58342	DQ channel rules execution failing with NPE.
HPM-58272	No warning message is shown when removing selected classifications in Web UI.
HPM-58181	Task items disappearing when user clicks on the task in web UI.
HPM-58026	Paste options are not working on rich text editor in WEB UI.
HPM-57877	DQ Entity change trigger stops working intermittently.
HPM-57746	P360 server task notification can't send mails.
HPM-57571	Missing entity relation handler cause problems during versioning.
HPM-56860	Multiple web views in Desktop UI is not working when IE is used as default Browser.
HPM-56506	The attribute target is missing in the Web UI.
HPM-56179	Frequent Cluster Issues due to higher heap usage by Client server.
HPM-55250	IMM LongText type property fields are no longer displayed in Product 360.
HPM-47703	It is not possible to show the correct usage list data of the Media attachments.
HPM-45530	Wrong example of the ServerConnection.xml configuration on page 60 in the Configuration Manual. With this setting, the client didn't start.

Supplier Portal Fixed Limitations

The following table describes the fixed limitations for the Supplier Portal:

Reference Number	Description
HSP-3976	Disable supplier users from using "Edit my Personal Settings."

Media Manager

The following table describes the fixed limitations for the Media Manager:

Reference Number	Description
HMM-8542	Process watcher loses connection and then cannot to reconnect.
HMM-8462	Version is not getting updated if an asset is imported through hotfolder.
HMM-8407	For Hotfolder, you cannot create previews/process metadata for new assets in background.
HMM-8384	Hotfolder gets stuck and does not processes files.
HMM-8257	No previews for specific PDF files.
HMM-8194	OPASUSER password doesn't allow more than 15 characters.
HMM-7964	Wrong colors in Adobe Encapsulated PostScript (EPS) file.
HMM-7517	Some images cause ImageMagick to fail.