

# **Informatica MDM - Product 360**

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# Release Information

Release Date	Release Name
2017-05-25	Product 360 Version 8.0.5 Hotfix 4

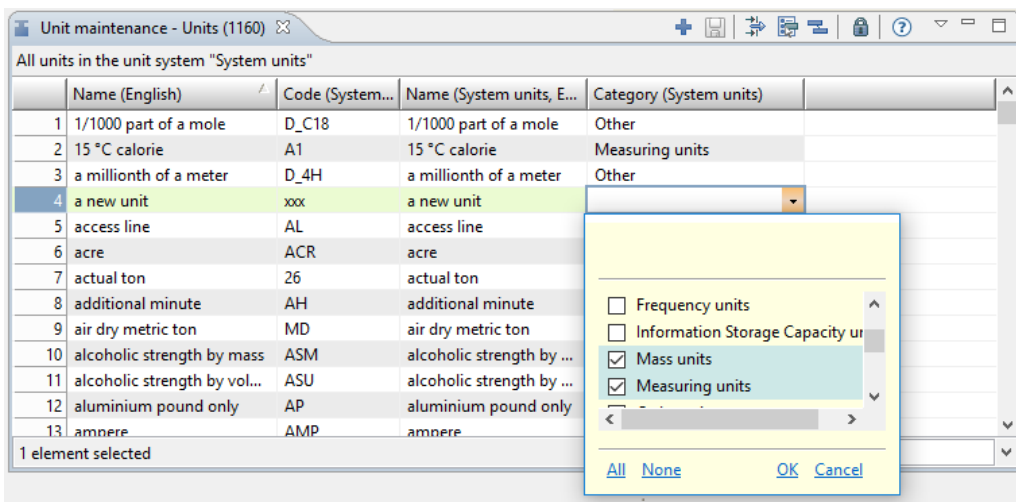
Versions of all Product 360 modules and revision information are listed below.

Module	Module version	Revision
PIM Core	8.0.5.04	53727
PIM Web	8.0.5.04	53727
Digital Asset Management	8.0.5.04	8632
Supplier Portal	8.0.5.04	9710
PIM Web Search	8.0.5.04	900

# New & Noteworthy

## Units of measure

It's now possible to maintain multiple categories for units.



## **GDSN Accelerator**

The default behavior for the used unit system when having GDSN enabled got changed. So far the default unit system (2 - system units) used by the "Units" repository enumeration got replaced by the "GDSN units" system during the server start. From now on this will not happen anymore. You have to manually adjust the default unit system regarding your needs. This changed behavior provides the possibility to use non-GDSN units for non-GDSN fields.

More details can be found in the GDSN Accelerator documentation.

## **Export**

From now on the packaging hierarchy data sources are available for all scenarios of each 1WS data pool connection. So far they were only visible for data source scenario of the DSE data pool.

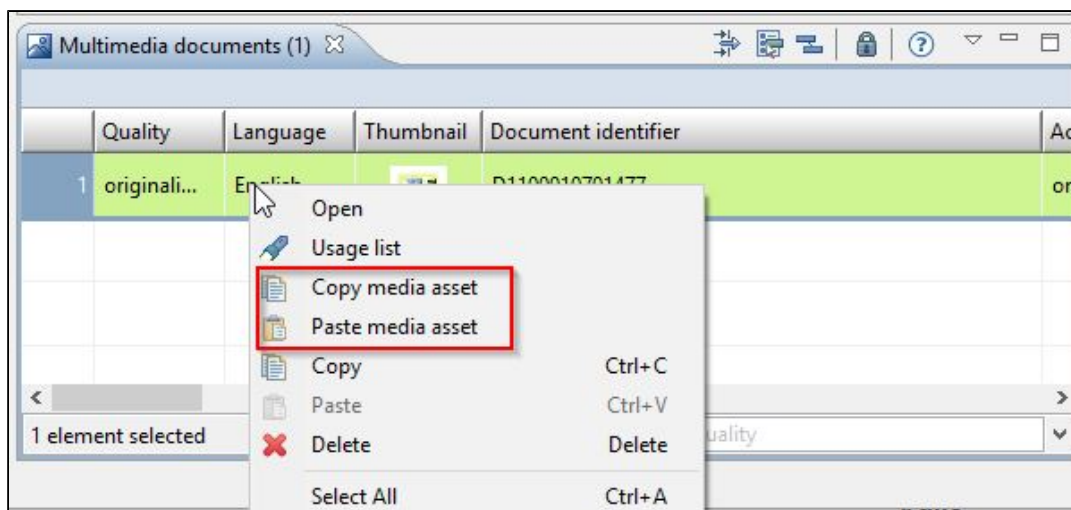
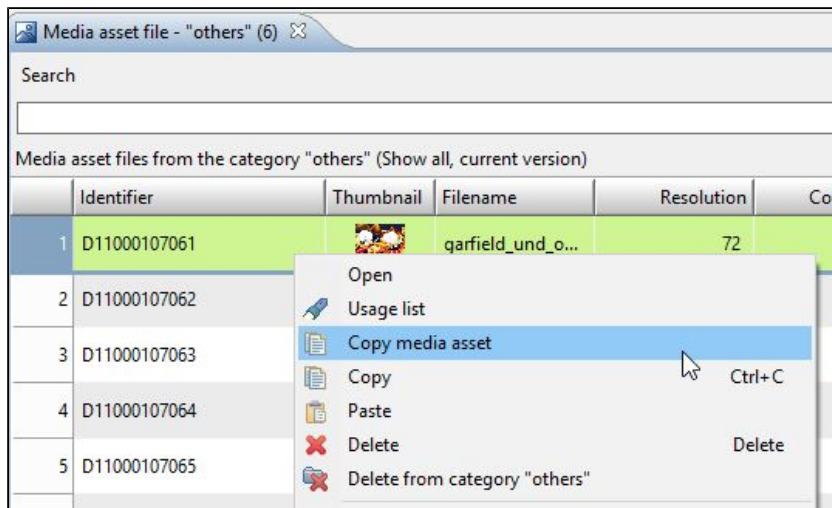
## **Informatica BPM failsafe handling of connection**

In the case both (JMS Queue and In-Memory Queue) are configured for failsafe handling of refused BPM connection, the JMS Queue is used as a first queue and In-Memory queue as a backup queue. Details can be found in the corresponding documentation.

## **Improved copy function for Media asset file view and Multimedia documents view**

In the previous versions there are two media asset FieldBasedTableViews("Media asset file view" and "Multimedia documents view") which overwrite the standard copy function with a special one, it leads to that the user can not benefit from the standard copy function which stores the selected table entries with all field values in clipboard. From now on the copy function in both views is improved for more possibilities:

- the standard copy function is enabled so that the selected table entries can be copied and pasted later to a text editor. This function can be performed with the shortcut "Ctrl + C" or clicking at the context menu action "Copy".
- the special copy function is moved to a new action which stores the select media asset in the clipboard that can be assigned to the corresponding media asset attachment. This function can be performed only with clicking at the new context menu action "Copy media asset".
- the special paste function in "Multimedia documents view" is also separated from the standard one to a new action that assigns the media asset from the clipboard to the current selected media asset attachment. This paste function can be performed only with clicking at the new context menu action "Paste media asset".



## Enhanced post import mode of auto path resolution for structure group

In the previous versions the post import mode of the auto path resolution works for structure group only with strict conditions. The reference of structure group can be resolved only if the same file path is assigned not only to structure group, but also to an article(/product/variant) in the same import job, since it is unknown from which catalog of Media Manager the corresponding asset should be fetched to resolve the reference to structure group. This use case is now enhanced with the solution which calls the connector API to search the asset with the corresponding file name from the master catalog of Media Manager, so that this post import mode works for structure group without the previous limitation. If multiple matches for a given file name are found, only the one asset get returned which fulfills the conditions:

- It is current version
- its creation date is latest

For more details information please visit our knowledge base pages for auto path resolution.

## Tasks from task groups visible in Web UI

The tasks from task groups are visible in the Web UI, now. To distinguish these tasks from other tasks the column with **task group name** can be added by customization of task.listmodel.xml.

Add the following xml code snippet to the list view configuration where the task group name should be displayed:

```
<field identifier="Task.Parent" caption="%web.task.type.TaskGroup" sortable="true">
  <transitionField identifier="Task.Name"/>
</field>
```



Please note, that the **standard Repository has been modified** to fix this bug.

### Actions available for the tasks from task groups:

1. Edit
  - 1.1. Edit in the DetailView
  - 1.2. Edit in the Flex UI
2. Delete via action menu
3. Drill down to the entities contained in the tasks
4. Accept
  - 4.1. Accept from a task group assigned to another user/user group
  - 4.2. Accept from a task group assigned to my user group
  - 4.3. Accept using Flex UI
5. Complete
  - 5.1. Complete via action menu
  - 5.2. Complete via Flex UI
6. Assign to other users/user groups via action menu
7. View in the Flex UI
8. Assign items to any existing task which is a part of a task group

### Limitations:

- task group is visible only in the flat ListView (name of task group), not hierarchically in the task tree vs. Desktop UI
- task group name doesn't contain the number of the subordinated tasks vs. Desktop UI
- task group name is not visible and not editable in the DetailView of any task coming from a task group. Same as in Desktop UI ("Edit task")
- task group name is not visible and not editable in the Flex UI of any task coming from a task group.
- not possible to create/edit/delete a task group vs. Desktop UI
- not possible to move a task from any task group to another task group. In the Desktop UI can be moved using DragAndDrop

- it's not possible to assign task having task group as a parent to User/UserGroup in the TaskDetailView. Disabled like for Workflow tasks.
- it's possible to assign task having task group as a parent to User/UserGroup in the Flex UI using fields User /UserGroup. But this can result in issue: Task group mapping is not reset in this case and task can disappear from UI.

## Limit scope of item reference resolution for catalog merge

It is now possible to limit the scope of the item reference resolution when merging a supplier catalog.

Usually all supplier catalogs have been taken into account. Now there is a setting the allows to limit this to the parent supplier catalog.

```
# Resolves the references between items after the merge. Setting defines the handled
supplier catalogs.
# all = All supplier catalogs are considered
# singleSupplierCatalog = Only supplier catalog which contains the merged objects is
considered
com.heiler.ppm.merge.server/merge.referenceResolveMode = singleSupplierCatalog
```

## Improved attribute value handling of numeric values

In the past decimal attribute values had a fixed number of decimal places. Now you can define the decimal places for Items, Products, Variants and Structure groups individually by using the scale attribute of ArticleAttributeValue.FirstValue (or corresponding fields for the other entities) in the repository. Since we couldn't think of a use case where it's necessary to have a different number of decimal places for the first and second value, we don't consider the scale of the second value at all.

The "Items with features" view uses the scale of the structure group attribute because the view shows the items in the context of a structure group.

Attribute values in the web client are formatted according to the client locale.

The scale is just a matter of formatting, meaning that whatever you type in is stored in the database, even though the displayed value is rounded to the given scale.

Technical notes:

- `PropertyValidationUtils.isNumericType( long dataType )` is now deprecated. Use `DataTypes.isNumericType(DataTypes datatype)` instead.
- In `FieldTransferBaseImpl` the signature of `ensureFieldRules` has been changed. The additional parameter `EDataObject targetSubEntityDataObject` has been added.  
`protected Object ensureFieldRules( Field targetField, Object sourceFieldValue, EDataObject targetSubEntityDataObject )`

## New Garbage Collector Algorithm for Product 360 Server

The Garbage Collector algorithm for Product360 Server was changed from CMS to G1. Therefore the JVM Parameters in `wrapper.conf` were changed. Also the `MEM_NEW` parameter in `_environment.conf` was removed.

The G1 algorithm is more appropriate for the common use cases of our customers and the sizing of their Product 360 Server (s). Also the GC event duration is more predictable, and goalled per default to 200 milliseconds. Thereby very long lasting GC events (>10s) are avoided. These longer GC events caused longer pauses of application threads in Product 360 Server, which in turn caused serious system instability and Hazelcast Exceptions like the following:

- `com.hazelcast.core.OperationTimeoutException: LockOperation invocation failed to complete due to operation-heartbeat-timeout.`
- `com.hazelcast.core.OperationTimeoutException: UnlockOperation got rejected before execution due to not starting within the operation-call-timeout of: 60000 ms.`

Aftereffects were e.g. failing export jobs, failing hotfolder operations or bad response times for user actions.

## Fixed Limitations

This release delivers a number of bug fixes that have been documented in the Fixed Limitations section below. If you encounter difficulties or have further questions regarding one of these limitations, contact Informatica Global Customer Support and reference the CR number.



## Product 360 – Server / Product 360 – Desktop UI

Reference Number	Description
HPM-36583	Show all items without a higher-level product below this group is not working
HPM-36297	Assortment is not updated if you start the export via REST
HPM-35537	Deleting structure group assignments fails without an error message
HPM-35660	Item count created by workflow incorrect
HPM-34315	Decimal preset values with commas will are not displayed correctly in German Web Client
HPM-36447	REST-Call "/list/StandardizationValue/byDictionary" writes a CoreException.
HPM-36330	GetMediaAssetFilesForCategory timeouts even after 10 minutes
HPM-36328	Default values for fields with enumerations which are set to a custom query are not shown correctly in PIM Web after applying EBF8
HPM-36326	Export field validation on data quality entries.Description
HPM-35532	CleanUp of SoftDeleted Media Assets effects Modification Date
HPM-35566	REST Api works not correct for export with special datasources and also by report ID, by Assortment
HPM-35539	When loading product information(Prodcu#1) no ACL filtering via DetailModel.
HPM-35538	Different behaviour when loading product information(Prodcu#1) via ListModel or DetailModel.
HPM-35501	Static Reports for Import are not deleted by cleanup
HPM-35452	Getting hazelcast and heartbeat exception.
HPM-35450	Attribute tab doesn't show attributes

HPM-35449	Impossible to delete a category from document categories on Document perspective.
HPM-35454	Deletion of scheduled repeated export job deletes the export files of last successful export
HPM-35407	Repeated jobs is updating old entry after few runs, having Oracle RAC
HPM-35358	PIM-WEB: Task creation issue
HPM-35350	Merge of an existing item deletes structure assignment, when structure group assignments differ.
HPM-35196	User Management, general access is needed to work with tasks
HPM-35195	Mailto syntax seems to be not correct (from web)
HPM-35324	Res_BigDecimal are having wrong range in the Types section of the repository
HPM-35273	Lower bound validation severity not working on PIM Web
HPM-35249	Check boxes in clusterix uncheck, when having multiple servers
HPM-35204	Error when adding "Strukturgruppe(n) (Heiler Standard)" to search fields
HPM-35181	Repeated system jobs are scheduled multiple times and therefore are executed multiple times concurrently!
HPM-35155	Item search on the "structure group identifier" field returns unexpected results
HPM-35061	Pre-Export-DQ-Trigger doesn't affect nested data provider
HPM-36102	Upgrade from 5.X to 8.0.03.02 caused unable to assign images to item
HPM-36110	direct export for full table from websearch > 10000 is limited to 100
HPM-35994	Server cannot be started. Error loading a centrally saved export format template.
HPM-35978	Auto Assignment to Structure Groups are no more working after Update to PIM 8
HPM-35961	Control Center cause high JMX thread count in PIM Server -> causes crashes
HPM-35950	Copy & paste doesn't work on the view Media asset file

HPM-35939	Replace all doesn't work on ";" when used on a single column.
HPM-35927	Uploading .jpg files through pim web, changes their size
HPM-35886	Memory leak: EntityManager events are not cleared when no listeners are registered
HPM-35872	Memory leak: ExportTemplate objects are not cleaned up
HPM-35816	Updating variants with new structure assignments is replacing the assignments of corresponding variants
HPM-35814	Hotfolder not processing files due to Timeout executing a server request
HPM-35792	Item comparison view is not showing Master Catalog Article values
HPM-35779	Unable to search based on "Standard Image(English):Alternative Text" field
HPM-35706	GDSN Accelerator (Vitakraft) Rest call leads to a null pointer exception
HPM-35700	When uploading a mp4 file via PIM web, upload wizard stops response.
HPM-35684	Hotfolder runs into: inboxConf not found in inboxConfCache
HPM-35679	Always console print like "clazz: com.heiler.ppm.unit.core.entity.UnitSystemProxy"
HPM-35662	Use of multiple data sources (Changed structure data/WCS Accelerator) doesn't work for Exports
HPM-35653	Audit Trail server crashes with SQL error messages having very long structure value names
HPM-35638	Item search doesn't work when searching for Structure group Identifier with "equal to"
HPM-35604	Desktop Client stops responding after clicking on export template advanced setting
HPM-35600	Unable to export variant references
HPM-35608	REST Services used by ISP are too slow
HPM-35599	"Load change data for objects" during server start takes too long
HPM-35589	Unit codes KJO and 23 missing from UnitCategories

HPM-35595	Attributes are disappeared from View when modify after grouping
HPM-36279	MessageQueueConnectionImpl is not thread safe
HPM-36278	CleanUpJobHistoryJob never completes if there are many jobs to be deleted
HPM-36289	Saved queries aren't displayed right in the WebClient
HPM-36152	PIM GDSN field Ingredient Statement is not getting saved
HPM-36139	Hierarchy dataprovider is only visible for DS in DSE
HPM-35002	Unhanded Event Loop Exception when saving log as a file
HPM-34890	Cumulative attributes view displays no entrys, when changing fields while the view is grouped
HPM-34917	When changing a feature in feature group list, while the features are grouped, the focus on the grouped features gets lost
HPM-34951	Error after adding the preview in item#1 view and item isn't part of an assortment
HPM-34510	Tasks within Task Groups are not listed in PIM Web
HPM-34455	WebClient: Invalid use of null for parameter "field" when changing view
HPM-34373	ControlCenter-Unknown job state label: 'Canceled (due to critical errors)'
HPM-34761	Spell Check is not working as expected if there is more than one field in context
HPM-34762	Spell Check is not working for Rich text field present in Detail Tab with Table Definition
HPM-34593	XML pretty print error stops export
HPM-34541	Attribute assignments disappear
HPM-34532	Attributes disappearing if you change to language independent
HPM-27862	Error by using of search/replace/Set value combined with grouping
HPM-34255	Change of Datatype of feature preset value at Structure feature level throws peculiar error

HPM-33907	WebClient mutli selection get lost after find/replace
HPM-33867	Workflow2GEntityDeletionInterceptor (Foreign key constraint violation) when ServerJob-CleanUpSoftdelete tries to delete Workflows
HPM-34176	WebUI displays attribute value for wrong attribute value identifier
HPM-34102	The field "MC: Item no." in view Item comparison doesn't work
HPM-34034	preset value is inherited from node to sub nodes, and is also displayed on item level as "Unnamed..."
HPM-33162	When a dashboard is displayed for the first time, the loading takes a long time
HPM-27676	"Target Market" does not appear in the "New multimedia attachment" dialog
HPM-36486	Communication Error - Invalid JSON from Server
HPM-34023	Item/Product query node level does not allow filter on quality status
HPM-35865	(custom) fields which are directly at the entity structure, can't be maintained.
HPM-36280	Deadlock in Hazelcast when acquiring locks
HPM-36281	Merge is slow for a single item because it invokes heavy query on the database (ResolveReferences)
HPM-36236	Party proxy fields sometimes do not display any data in the Desktop client (although populated) until you delete the workspace
HPM-36446	Server crash after Update to 8.0.5.03
HPM-36012	Control Center can not be directly configured to use https
HPM-35810	No trigger messages are sent to the ActiveVOS in the fallback situation
HPM-35597	Issue with extensionpoint com.heiler.ppm.std.core.identifierGenerator and sub entities
HPM-36298	SWT exception seen on Import perspective
HPM-35247	Structure Group level is sometimes exported as "0", although it has in fact level 1 or higher

HPM-36013	Web: Spellchecker ignores bullet points
HPM-35612	Hot Folder issue - XML import does not work properly with hotfolder
HPM-36007	Endless loop with error message "missing object rights" when trying to edit an item in Richtext Editor (Detail View)
HPM-35092	Client freeze when using the set operation to change values and thumbnails are displayed in item#1 view.
HPM-36282	WebUI completely hangs and does not respond after clicking "import" option for items
HPM-34110	Attribute value (ArticleAttributeValue.Value) scale doesn't work

## Product 360 – Media Manager

Reference Number	Description
HMM-6754	"Options" missing in "Settings"
HMM-6660	License Key not working anymore
HMM-6623	Employee Users cannot log into IMM web via LDAP
HMM-6622	No Working Directory for XOB after connect via Connector API
HMM-6598	Check-in of Mac resource forks leads to assets without filename
HMM-6669	Login to LDAP server successful but "Login-information were wrong"
HMM-6667	Medias are not being imported to MAM through Hotfolder.
HMM-6739	No valid response if group already exists with another Access Level
HMM-6718	Share collection is not visible

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