HiCAD PDM

HiCAD PDM 2027 - What's New?

All news at a glance

Version 2027

Date of issue: 23/11/2026

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TOC

Discontinuations 5
Update HiCAD PDM 7

Notes on HiCAD PDM Updates 8
Notes on update installations 8

Module-comprehensive News 10
Major Release 10
Improved and revised installation procedures 10
Context menu item "Save to HiCAD PDM" 11
Improved update installations for separate components 12
HiCAD PDM Database Connection Manager (PdmSetup.exe) 12
Updating file sizes as part of the database version update 13
HiChat: New AI tool for searching the Help 14
Link classes of “Document-Article” type converted to “Article-Document” 16
Standard packages 16
HiCAD PDM URLs: Note regarding the old HELiOS protocol 17
VSpool discontinued 17

HiCAD PDM Desktop 19
Major Release 19
Templates and Template files 19
Full-text search 21
Full-text search for Articles, Projects, and Folders 21
Wildcard placeholders 23
HiCAD 3D Viewer 24
Classification 25
Link classes 26
New system links during database update 26
New attributes for link classes: ACTIVE and APPLICATION 27
PDM Options > Display > Show associated application 28
Markup and Notes documents 28
Print and Convert: Query if files are missing 29
Model structure 30
Semi-finished product sub-items 31
Database Options: Classic file name generation 32

Report Manager 33
Major Release 34
Isometry BOMs: %PART_COUNT additionally to %PART_QUANT 34

HiCAD PDM Mask Editor 35
Major Release 35
Virtual attributes in masks 35
HiCAD PDM in HiCAD 3D 37
Major Release 37
Model structure 37
Referenced parts of the HiCAD 3D feature 37
Further optimisations 38
HiCAD PDM for AutoCAD 39
Major Release 39
AutoCAD 2027 39
Support of dynamic AutoCAD blocks 39
HiCAD PDM for Autodesk Inventor 40
Major Release 40
HiCAD PDM 2027 and Autodesk Inventor 40
HiCAD PDM Vault Server 41
Major Release 41
Improvements to the Vault Server installation 41
Internet Server 42
Major Release 42
HiCAD PDM Internet Server 2027 42

Discontinuations

Discontinuation of the ISD.PDM.API

Before carrying out a HELiOS update (HiCAD PDM from 2027 onwards) for an older HiCAD version (HiCAD 3D from 2027 onwards), please note that from HELiOS 2022 omwards, the previous ISD.PDM.API will be discontinued and replaced by the new API from Helios.Interface. If you use customisations that use functionalities from the previous ISD.PDM.API, you must update the customisations to the new API before carrying out the HELiOS update. If you use customisations that use functionalities from the HiCAD API, you should ensure that the HiCAD version used is at least version 2502.5 or 2601.1 or newer. If you are unsure whether you are using corresponding adaptations, please talk to your administrator or contact the ISD in case of doubt.

Discontinuation of the HELiOS.Briefcase tool

As of HELiOS 2025 (Version 30.0), the HELiOS.Briefcase tool for synchronising separate HELiOS databases will no longer be supported.

In order to be able to continue working at different locations without significant latency to the database, the corresponding workstations must be provided centrally, and appropriate remote access to the environment must be set up.

Discontinuation of the Spooler Client

As of HELiOS 2025 (Version 30.0), the **Spooler Client** tool for limiting parallel printing processes is no longer supported.

Discontinuation of old Multi-CAD/CAE interfaces for HiCAD PDM 2027

As of HiCAD PDM 2027 (Version 32.0), the following versions of Multi-CAD/CAE interfaces are no longer supported:

- AutoCAD 2024 or older
- AutoCAD Mechanical 2024 or older
- Inventor 2024 or older
- EPLAN 2022 or older

Before installing or updating, please check if your current interfaces are supported by HiCAD PDM.

Discontinuation of Office interfaces for Office 2013, 2016 and 2019

Microsoft® has discontinued support for **Office Versions 2013**, **2016** and **2019** and no longer releases security updates for these versions. Therefore, starting with **HELiOS 2026** (Version 31.0), Microsoft Office interfaces for **Office 2013**, **2016** and **2019** will no longer be supported.

Discontinuation of the classic workflow management

Please note that the so-called **classic workflows** have been removed from the standard database supplied with HELiOS 2026 Service Pack 1. This means that if you are already working with HELiOS and do not install a new database, nothing will change for you. If you are still working with the classic workflows, these will continue to be available to you. When installing the HELiOS standard database for the first time, you will only be able to work with the **modern role workflows** from HELiOS 2026 Service Pack 1 onwards.

(fehlender oder ungültiger Codeausschnitt)

Discontinuation of the "old" Report Manager

From HELiOS 2024 onwards, the "old" Report Manager, i.e. the Report Manager up to 2022, will no longer be delivered with a standalone installation of the HELiOS Desktop. In a HiCAD/HELiOS installation or a HELiOS update of HiCAD, however, the "old" Report Manager is still included. From HiCAD 2025 onwards, only the "new" Report Manager as of 2023 will be supported.

Discontinuation of Oracle

As of HELiOS 2022 (Version 2700.0), Oracle will no longer be officially supported as a database system! Please migrate to a SQL Server as soon as possible.

Discontinuation of HELiOS 32 Bit, HiCAD Viewer 32 Bit and Office Interface 32 Bit

Since HELiOS 2022 (Version 2700.0) there is no 32 Bit version available for HELiOS and the HiCAD Viewer. Since Microsoft has also offered a 64 Bit installation of Office since Office 2010 and many add-ins for Office are now also available as 64 Bit versions, with HELiOS 2024 we will support an Office interface only for a 64 Bit Office. If you are still using the Office interface in conjunction with a 32 Bit Office, you must uninstall your Office version and reinstall it as a 64 Bit version as soon as you update to HELiOS 2024.

Update HiCAD PDM

The last 5 release cycles are supported for HiCAD PDM update installations. With HiCAD PDM 2025 (Version 30.0.*) you can only update installations from 2020 onwards (Version >= 2500.0).

Discontinuation of Windows® 10

Microsoft® has discontinued support for the Windows® 10 operating system in October 2025. For compatibility reasons, HiCAD 2025 SP2 and HELiOS 2025 SP2 were the last versions of our CAD or PDM system to support Windows© 10. HiCAD 2026 and HELiOS 2026 no longer run under Windows© 10.

Discontinuation of the Zuken E3 interface

As of HELiOS 2024 (Version 2900.0) we will no longer support the Zuken E3 interface.

User & Workflow Manager: Discontinuation of connection line settings

In earlier versions of the **User & Workflow Manager** (formerly “EDBSetup”) in HiCAD PDM, it was possible to change the properties of connection lines – such as line colour and line width – within a workflow via **Extras -> Configuration**.

As the display of workflows is being redesigned as part of the tool’s overhaul, this menu option will be removed from HiCAD PDM 2027 onwards.

What's New in HiCAD PDM?

Notes on HiCAD PDM Updates

Microsoft SQL Server

The SQL Server Native Client (often abbreviated to SNAC) has been removed by Microsoft from SQL Server 2022 (16.x) and SQL Server Management Studio 19 (SSMS). It is recommended to use the latest version of the Microsoft ODBC Driver for SQL Server instead.

Further information can be found on the Microsoft website or in the installation instructions for Microsoft SQL Server 2022.

HELiOS Workspaces: Conversion of the system directories

When installing an update from an older version to HELiOS 2025 (from 2027: HiCAD PDM, version 32.0.0) or higher, please note that the directory structure will change (again). As automated migration is not possible, all users must (and, when updating to HiCAD PDM 2027, may need to do so repeatedly) check out all data and clear their workspaces before installing the update to avoid data loss.

In earlier versions, the workspaces were located under %localappdata%. This meant that different workspaces could exist on a single system. To address this, the workspaces were moved to the **%programdata%** directory.

Checked-out files are then located under **%programdata%\Hicad\Pdm\Workspace\(...)***\ (*plus Location ID and User ID). Depending on the version, the workspace databases will be located under **%programdata%\Hicad\Pdm\32.0\General\Locations**.

Notes on update installations

For an update installation of a HiCAD PDM version older than HiCAD PDM 2020 (version 2500), a central update of the supplied HiCAD PDM database must be carried out..

Since conflict may occur during the update process with **PdmSetup.exe** in case of inconsistent data stocks, you should do the following:

- **Data backup before updating**

  Make sure that a data backup was made before carrying out the update of your HiCAD PDM database.
  For the backup, either use the Database Import & Export (further information can be found in the Installation Notes) or your SQL Server Application.
  In case of any questions, or if you need any help with regard to your customized system architecture, contact the ISD Hotline.

- **Log file for update**

If conflicts occur during the update, they will be recorded in the log file PdmUpdate.txt (located in the system path **%AppData%\Hicad\Pdm\<Major.Minor>\Logging\PdmUpdate**

Please have this file ready if you contact the ISD Hotline to troubleshoot and perform a successful update in the event that the update does not complete without errors.

- **MultiCAD interfaces**

  If you are working with a multi-CAD interface (e.g. the HiCAD PDM-Inventor interface), please note that before installing an update of an older version to HiCAD PDM 2020 (Version 2500) or higher, some adjustments may have to be made before the update.

In this case, please contact the Consulting department of the ISD Group.

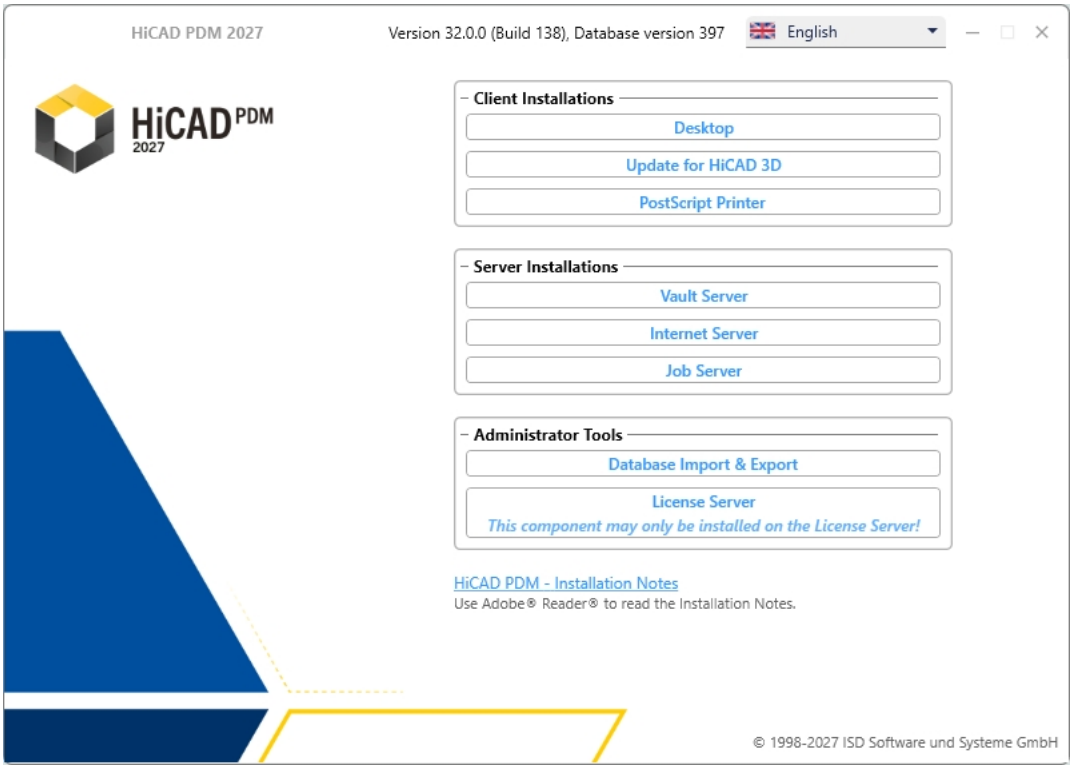
- **Silent installations**

  When updating from older versions to HiCAD PDM 2027 or later as part of a so-called silent installation, please note that existing Setup.ini files may need to be amended or recreated.

Module-comprehensive News

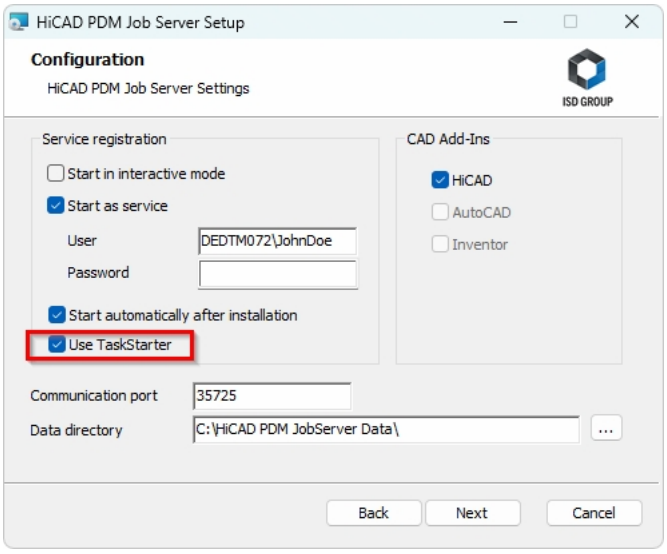
Major Release

Improved and revised installation procedures



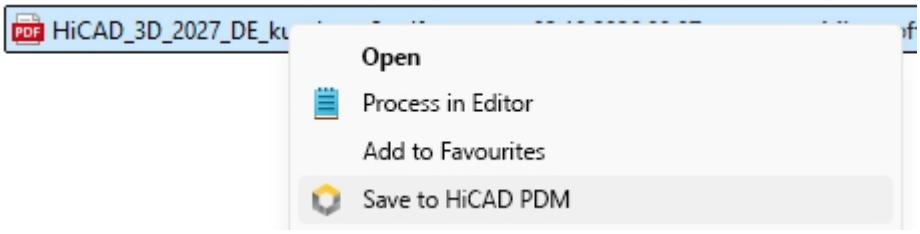
Following the product rebranding to HiCAD PDM, all installation procedures and screens have also been revised and improved.

The TaskStarter can now be set up directly via a checkbox during a new Job Server installation.

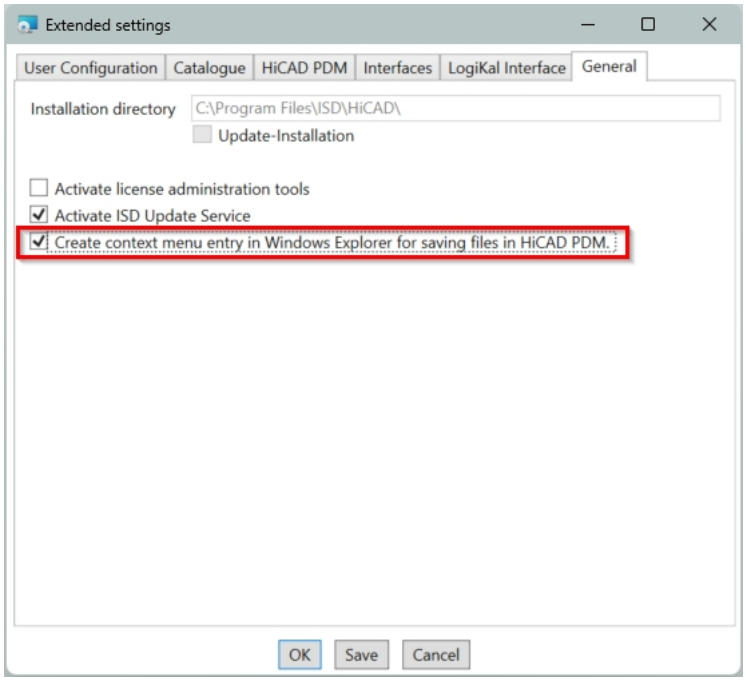


Further improvements and adjustments include the error messages displayed in the event of incorrect input.

Context menu item "Save to HiCAD PDM"



If you want the  **Save to HiCAD PDM** function to appear in the Windows Explorer context menu, activate the checkbox for **Create context menu entry in Windows Explorer for saving files in HiCAD PDM**.



Please note: If several installations of HiCAD PDM (or HiCAD 3D) with the context menu function enabled are installed on a single system, uninstalling them or deselecting the function via a change installation may result in the function being "switched over" to the other HiCAD version.

Improved update installations for separate components

Some of the tools and components of HiCAD or HiCAD PDM that are installed separately (such as Vault Server, Servermonitor, Task Starter, MailProxy, Job Server, TextSearchServer or the HiCAD PDM Internet Server) are first uninstalled during updates and then reinstalled. If errors occur or the installation is aborted, the old version is restored.

Central configuration directory: Only UMC paths permitted

Please note the following when working with a **central (cross-computer) directory for configuration data**:

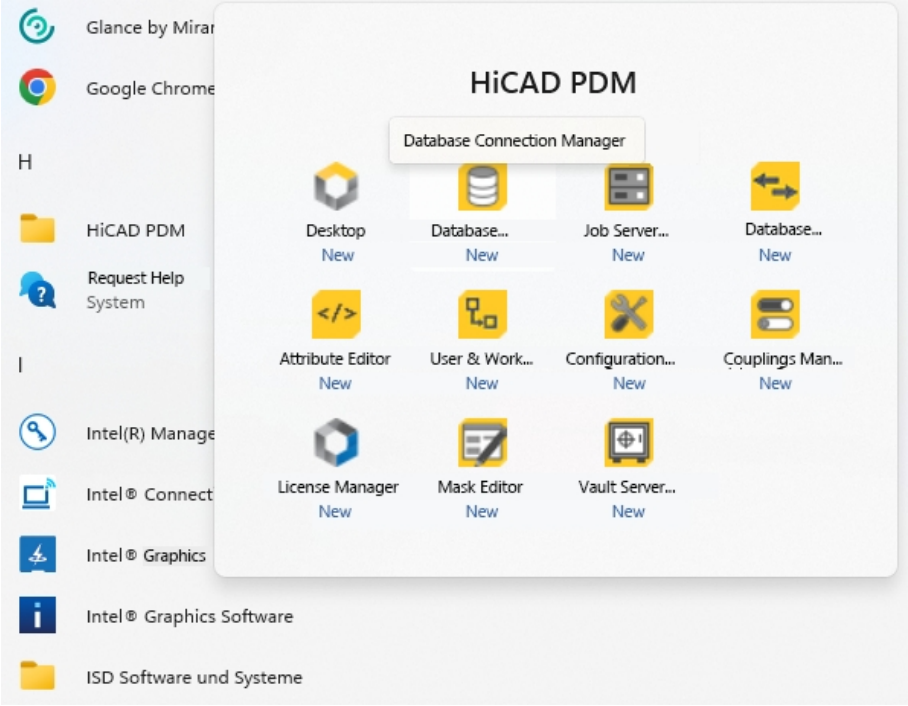
Following an update to HiCAD PDM 2027 or higher, only a UMC path is permitted here. If, during an update installation, change installation or new installation, a path containing a drive letter is specified (e.g. “D:\(...)”), you will receive a corresponding error message. Similarly, specifying “ProgramData” paths is not permitted. You may also receive a corresponding error message in this case.

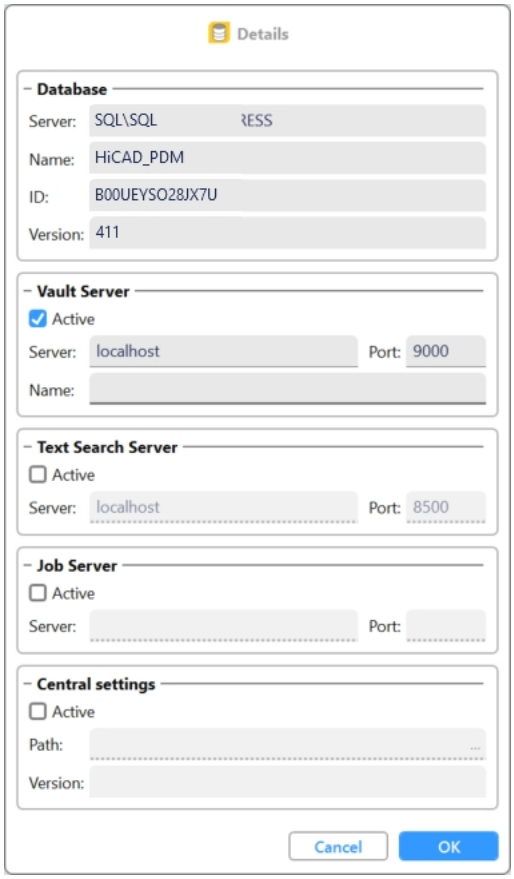
If such a path was entered incorrectly during a previous installation, it must be changed when updating to HiCAD PDM 2027 or higher.

HiCAD PDM Database Connection Manager (PdmSetup.exe)

The new HiCAD PDM Setup application is available for updating the PDM database version and for activating or modifying the PDM database connection on the client side, as well as for configuring settings for the Vault Server, Text Search Server, Job Server, or the central settings directory.

You can launch it by clicking on **PdmSetup.exe** in the \exe\ directory of your HiCAD installation or by selecting **Database Connection Manager** from the Windows Start menu.





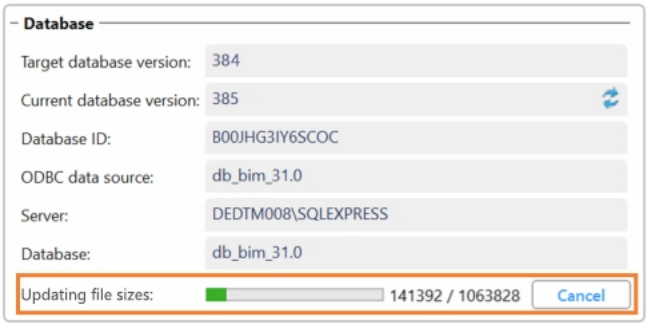
This tool thus replaces the older programs **DbManager.exe**, **VaultClientConfig.exe** and **DbUpdate.exe**.

For further information, please refer to the Installation Notes.

Updating file sizes as part of the database version update

The transfer of file sizes from older datasets to this new attribute is carried out automatically as part of a database update to HiCAD PDM 2027 using **PdmUpdate.exe**.

During this process, you will see a progress bar in the **Database** section of the dialogue window:



By clicking the **Cancel** button, you can interrupt the process of **Updating file sizes**, which may take some time. In this case, you will receive a message informing you that you will need to complete the process manually at a later date.

HiChat: New AI tool for searching the Help

The HiChat Extension Module is now available.

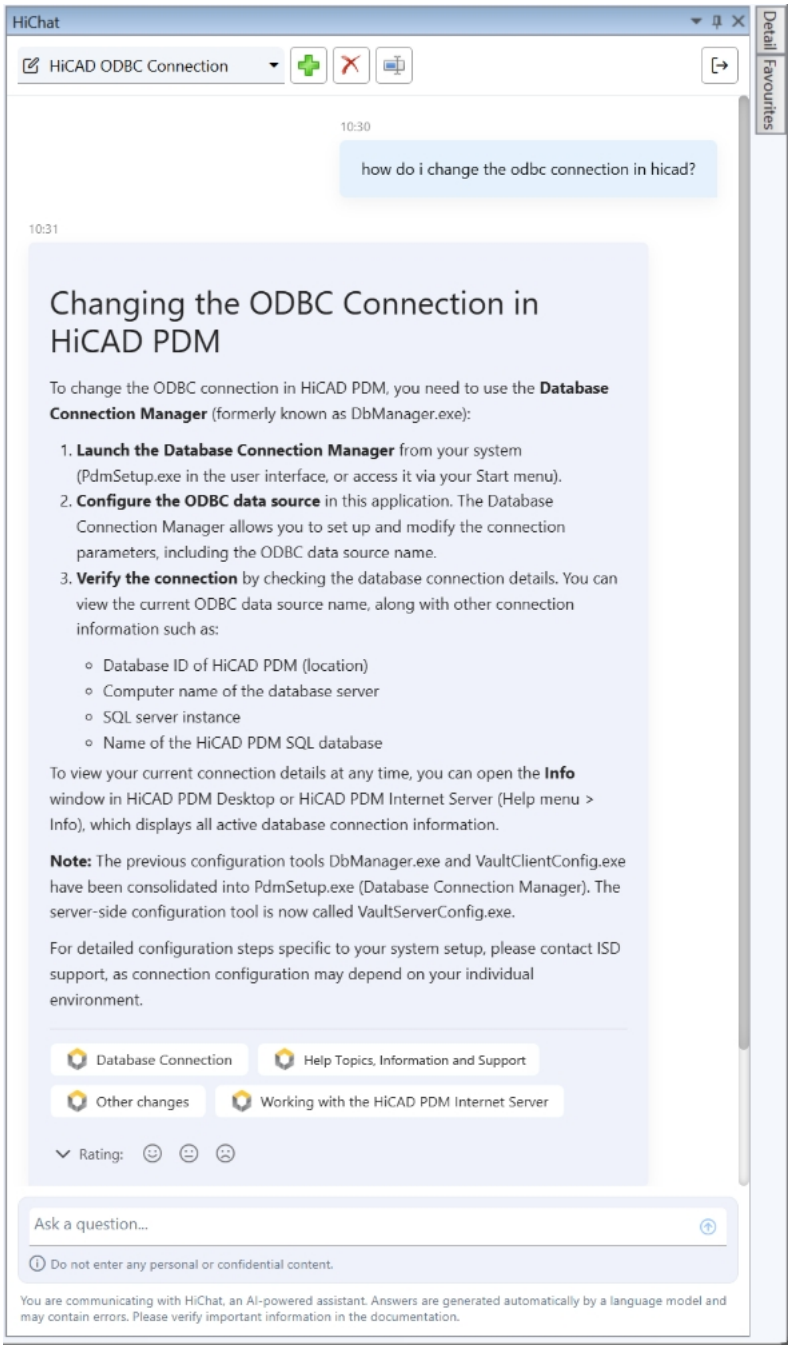
In the docking window, you can ask questions about using HiCAD PDM via chat. The questions are answered using AI based on the online help.

Clicking the button clears the chat history. We recommend using this option before changing topics.

If the generated response refers to specific functions, you can access them directly via the chat by clicking the function icon.

At the end of the response, source references appear in the form of links to the corresponding pages in the online help that were used to answer the question, along with suggestions for follow-up questions on the topic.

You also have the option to rate the response on a three-point scale (Good, Neutral, Bad) and submit a comment on the response.



HiChat is available in German, English, Italian, and French. In the Polish version, HiChat is in English.

To use the chat, you need the corresponding HiCAD Extension Module, HiChat.

Please note:

- AI can make mistakes. You should verify important information in the official documentation.
- HiChat is classified as a low-risk system under the EU AI Act. For more information on how HiChat works, data processing, and related server operations, see the How To Use The Help section under HiChat.

Link classes of “Document-Article” type converted to “Article-Document”

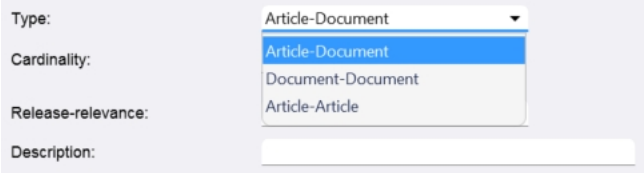
To simplify program logic, among other things, all link classes of the “Document-Article” type are converted to the **Article-Document** type as part of a database version update using **PdmUpdate.exe** from a version older than HiCAD PDM 2027 (Major Release).

When such link classes are converted, a message window will appear:

"As a result of the database version update, link classes of the type "Document-Article" have been converted to the type "Article-Document". This affects the display of the corresponding objects in the Source and Target tabs of the object detail dialogues. Please also check whether any automated processes that rely specifically on the source or target object type need to be adjusted."

The Document-Article link type has been removed from the standard HiCAD PDM database supplied with the software.

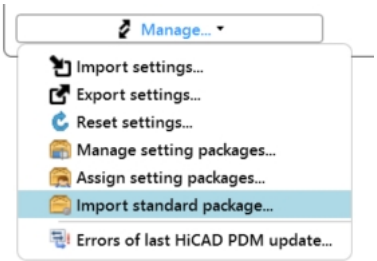
For example, when entering link classes, you can choose between the link class types **Article-Document**, **Document-Document**, and **Article-Article**:



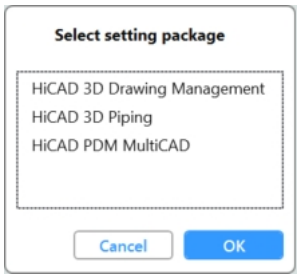
Standard packages

In earlier versions of HiCAD, when used in conjunction with HELiOS, standard templates for specific modules were imported using the ParameterConfigAdministrator.exe tool. This is no longer necessary following the update to HiCAD PDM 2027. Instead, standard templates can be imported via the PDM Desktop interface:

At the bottom of the **PDM Options** window, the **Manage** button opens a drop-down menu. Click on **Import standard package...** .



A selection window will open:



Here, select one of the setting packages containing the standard templates for one of the following three modules by double-clicking or highlighting it and clicking **OK**:

- **HiCAD 3D Drawing Management**(Steel Engineering Drawing Management)
- **HiCAD 3D Piping**(Plant Engineering)
- **HiCAD PDM MultiCAD** (MultiCAD interfaces)

The corresponding default templates are then imported into your system.

A PDM administrator can use this function to import a standard package and make it available to all or selected users as a central setting package.

The import function itself does not require administrator permissions, as the settings to be imported are user-specific.

HiCAD PDM URLs: Note regarding the old HELiOS protocol

With the update to HiCAD PDM 2027, the format for accessing the former HELiOS URLs has also changed from “helios://” to “hicadpdm://”.

This ensures that any existing “helios://” calls in your system are recognised accordingly and will continue to function.

VSpool discontinued

Please note that if you have previously been using the **VSpool** tool, this will be phased out with the update to HiCAD PDM 2027.

Files for the Vault Server that were previously generated by archiving KSTs are now transferred to HiCAD PDM via the **Job Server.**

HiCAD PDM Desktop

Major Release

Templates and Template files

Templates, together with **Template files**and **Templates for attribute value assignment** , form the three building blocks of HiCAD PDM's new initialization concept.

A template can include attribute value assignments (rules that automatically populate attributes when objects are imported into the database), a template file (sample files from which new PDM documents are created), and other initializations (workflow, classification) can be combined so that they can be applied with a single click when entering objects via the template selection

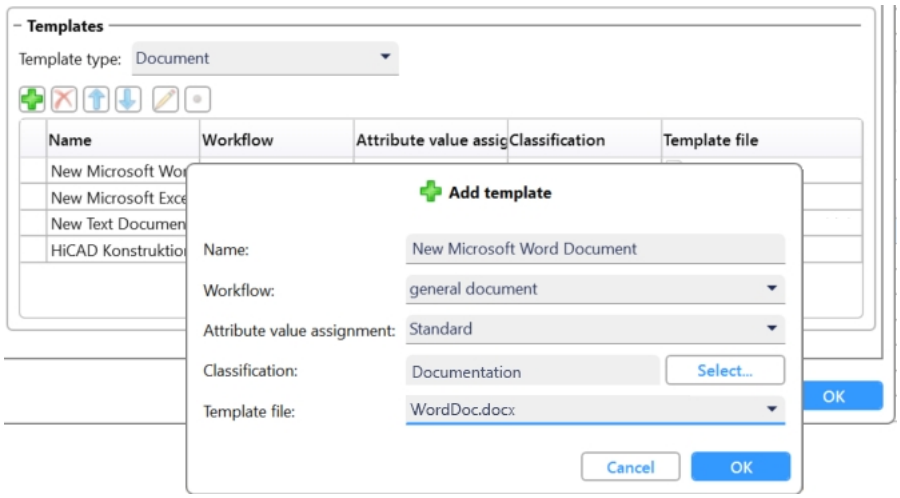
A template file, in turn, is a specific file that serves as a template for new documents. For example, a blank drawing sheet, a Word form, or any other template for a specific application (e.g., HiCAD 3D or MS Office). If a template file contains, for example, a style or a graphic, this is carried over into all documents created in HiCAD PDM based on that template file. A "Document" type template can reference a template file, but does not have to.

Templates and template files, just like attribute mappings, can be created on a user-specific basis or used system-wide with the ability to export and import UI settings and PDM Option settings.

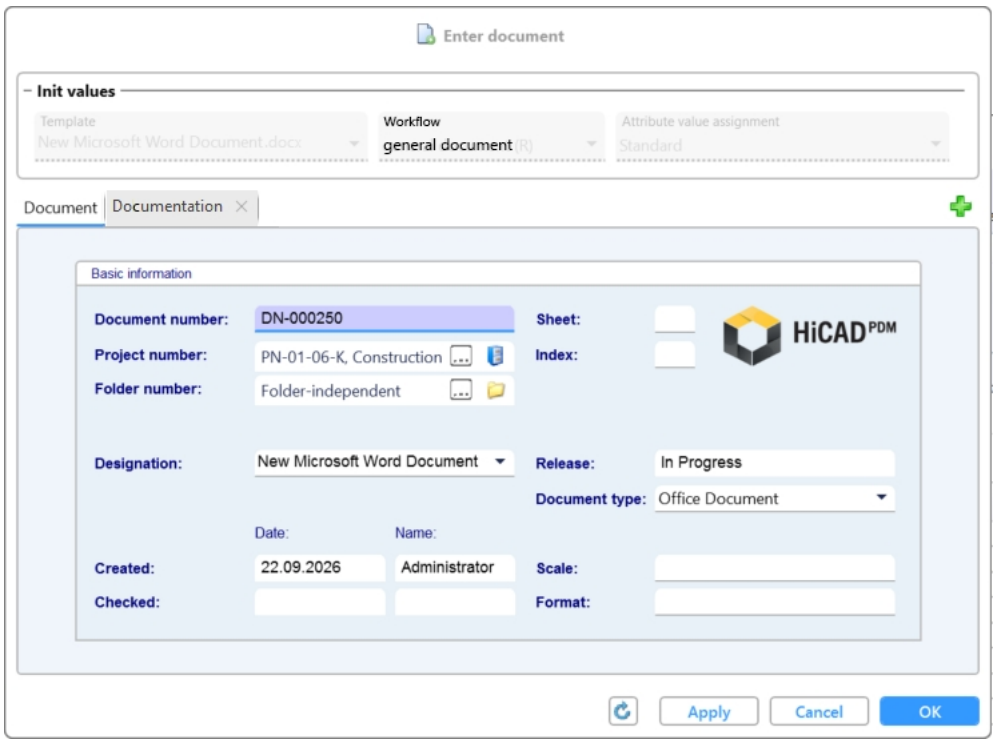
An example:

A template file named "WordDoc.docx" is, in and of itself, simply an empty Word file that has been imported into the PDM system. Only a predefined template—for example, one named "DocumentTemplate_Docx"—that references this file and additionally sets the "Document" workflow (as well as, if applicable, the "Standard" attribute value assignments and a classification) turns it into a complete initialization that you can apply with a single click when entering a document.

In the PDM Options, the template setup looks something like this:



After selecting this sample template during document entry, the initializations are then applied accordingly in the form, including a tab for the configured classification:



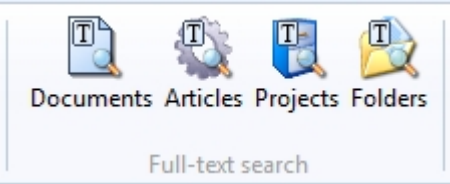
Please also note the instructions on how old “sample files” from HELiOS are converted into templates with template files during update installations.

Full-text search

If you use the **Full-text search**, the update to HiCAD PDM 2027 provides you with a number of enhancements and adjustments.

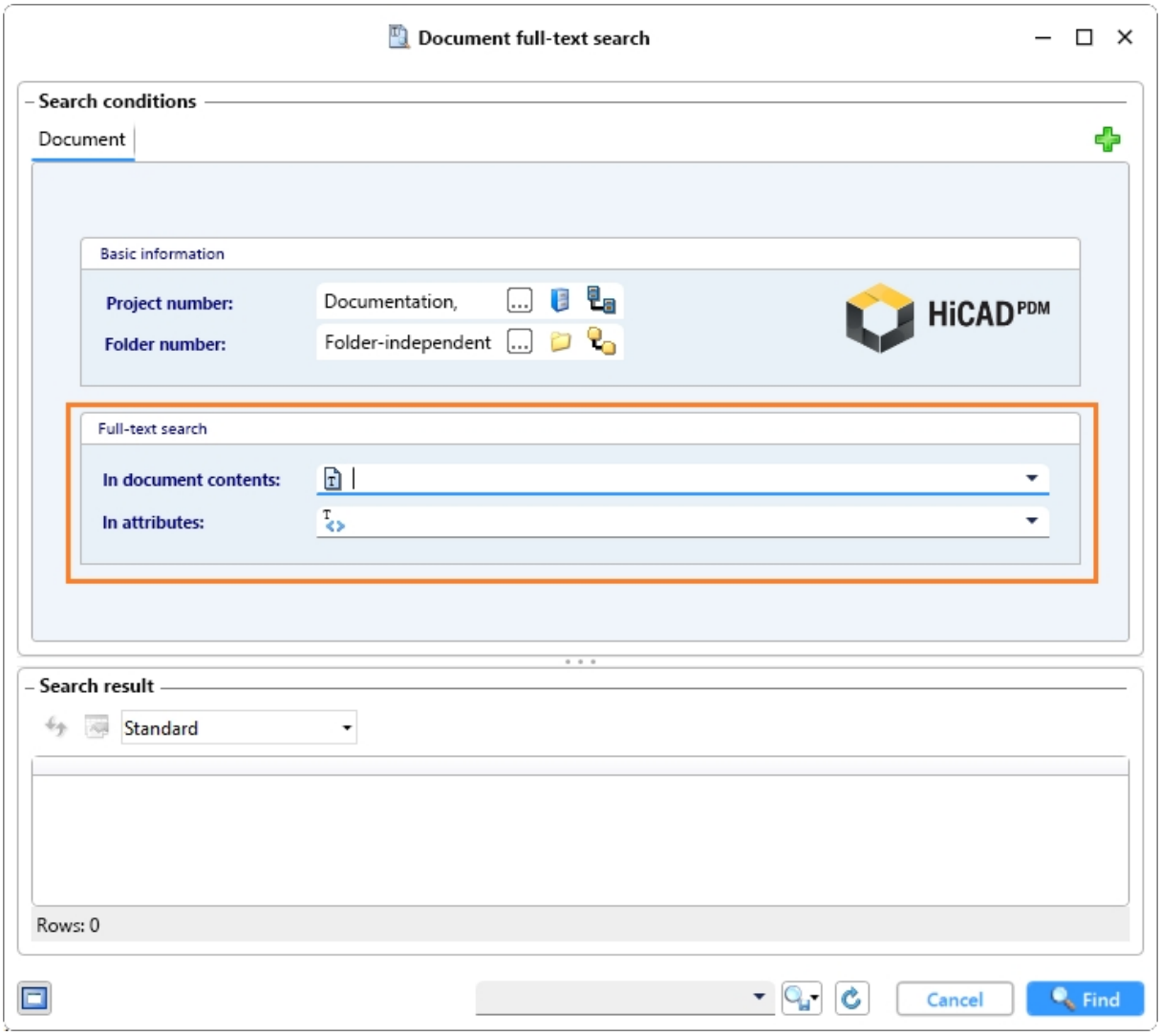
When using the full-text search, automatic spell-checking is disabled to ensure that only exact matches are returned. (However, the internal dictionary continues to be populated during indexing. This means that when spell-checking is subsequently enabled, the indexed terms will be available as possible matches without the need to re-index.)

Full-text search for Articles, Projects, and Folders

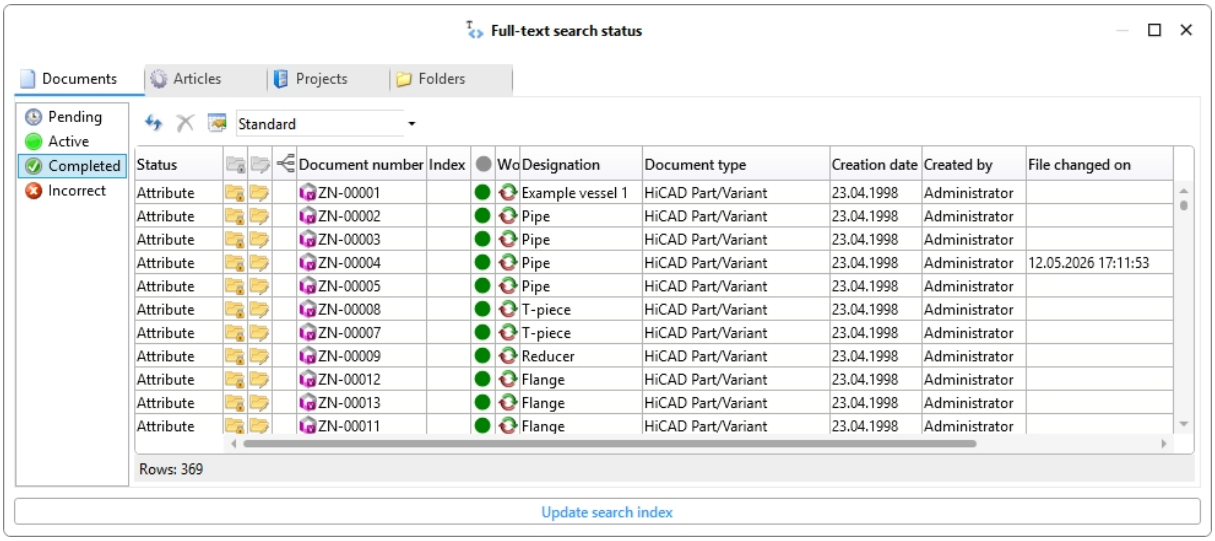


The full-text search mechanism has been expanded to allow searching not only of documents but also of articles, projects and folders within HiCAD PDM. In addition to document file contents, the master data for the respective PDM object types is also indexed by the full-text search.

In the case of documents, a distinction can be made between a full-text search **In document contents** and a **In attributes**:



You will now also find separate tabs for each PDM object type in the window for updating the search index:



Wildcard placeholders

You can also use the wildcard placeholders ***** and **?** when entering search terms. Following an adjustment to the program logic, this works as follows.

- The '*****' wildcard can appear at any position (including at the beginning or end) in the search term to represent zero, one, or more additional characters in the otherwise fully spelled-out search term.

  (Example: A search for “*Document*” would include “Document,” “Documents,” or “(the) Document” just as it would “PDM document search mask.”)

- The wildcard `**?**` stands for exactly one unknown character at that position in the search term.

  ((Example: A search for “Document?” would include “Documents,” but not "Document" or “(of the) document.”)

- It is possible to combine both in a single search query.

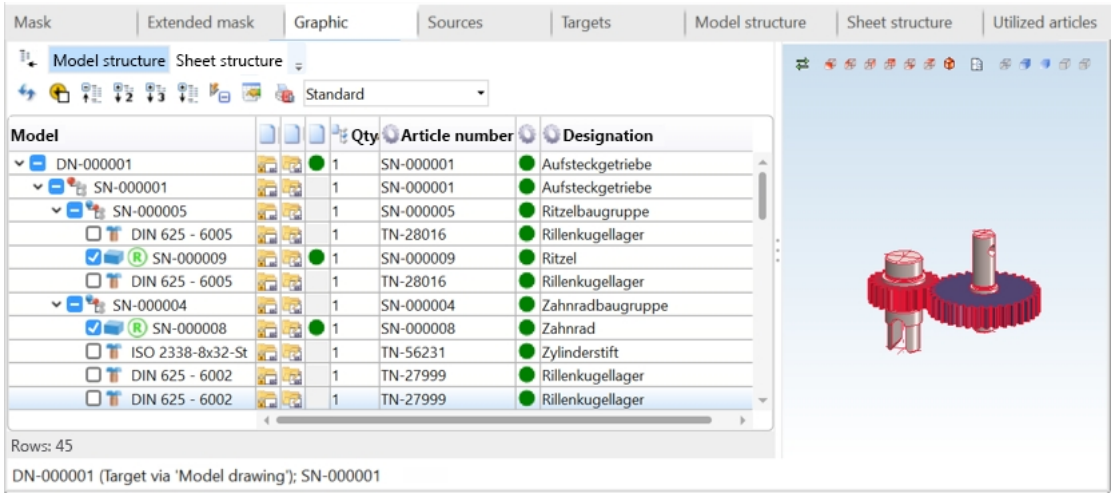
  ((Example: A search for “*Document?” would include "Documents" or “PDM documents,” but not “Document,” “(of the) document,” or “PDM document search mask.”)

HiCAD 3D Viewer

The **HiCAD 3D Viewer** is a tool that allows you to quickly and clearly evaluate HiCAD 3D drawings and models–even when integrated into the HiCAD PDM Desktop interface.

With the update to HiCAD 3D 2027 and HiCAD PDM 2027, several improvements and adjustments were made in this area.

By selecting or deselecting checkboxes, geometries (individual parts or assemblies) can be shown or hidden in the model structure tree.



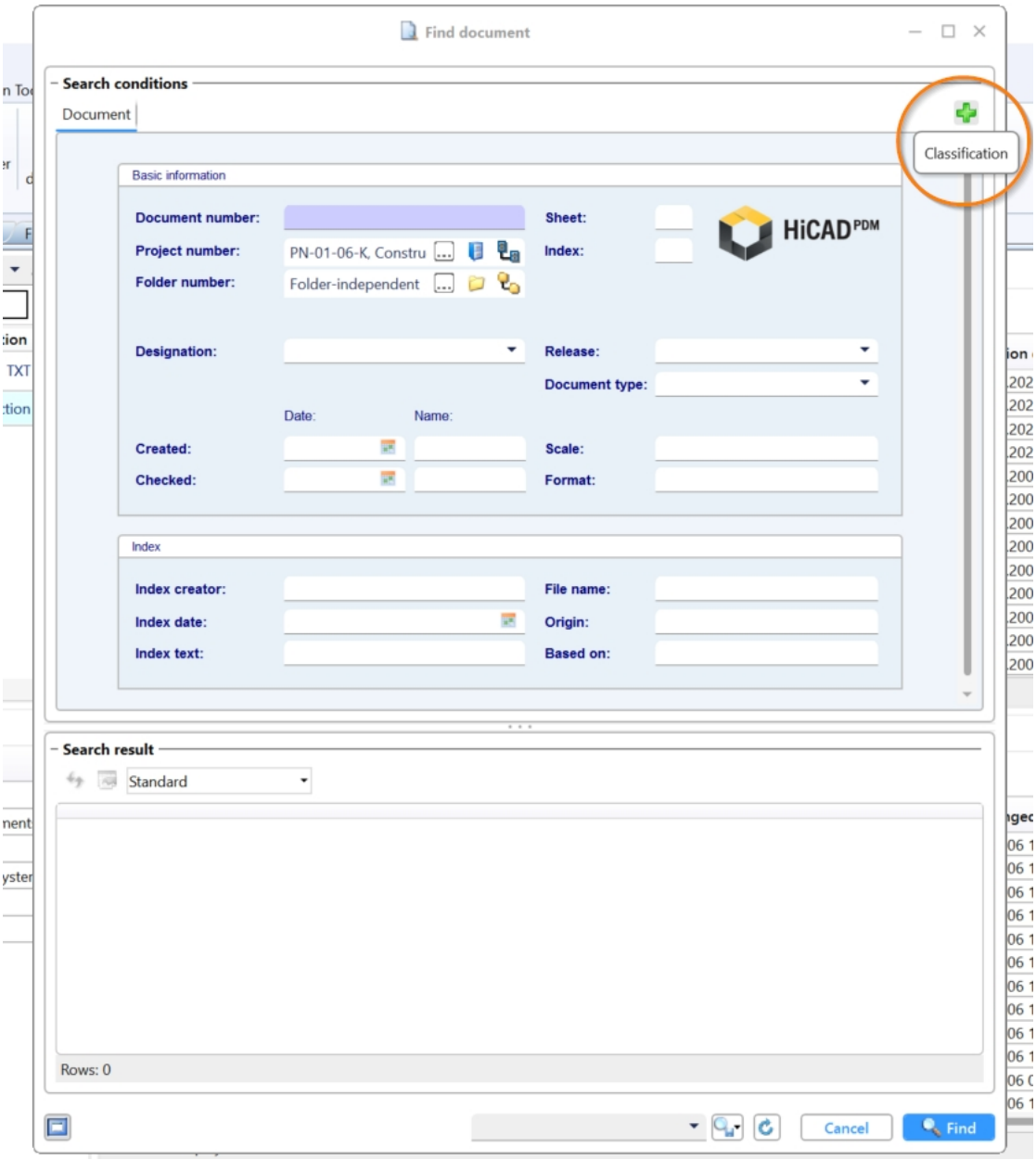
Multiple individual parts or assemblies can also be shown side by side.

The colours and thickness of the graphical markings in the viewer can be adjusted via the Windows Registry if necessary.

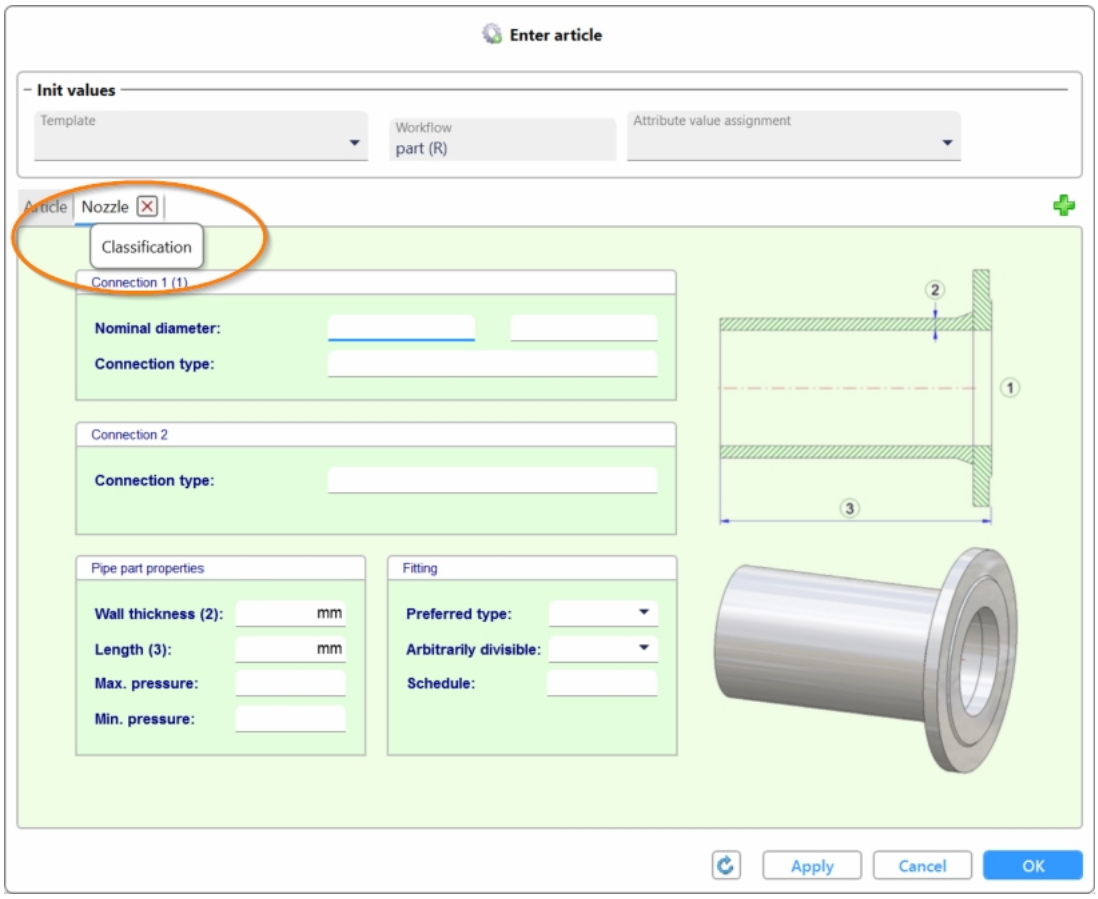
Additionally, HiCAD 3D menu items that are not required in the PDM Desktop are hidden in the viewer.

Classification

With the update to HiCAD PDM 2027, you can access the Classification in Input and Find masks via the  icon in the top right-hand corner of the window.



Furthermore, the classification tabs can now be closed very easily by clicking the **x** on the tab in the screens.



Link classes

New system links during database update

When updating the database to the latest version of HiCAD PDM, any missing link classes in existing databases are added as system links.

There are a total of 72 system link classes. Newly added classes are not active initially (see below).

New attributes for link classes: ACTIVE and APPLICATION

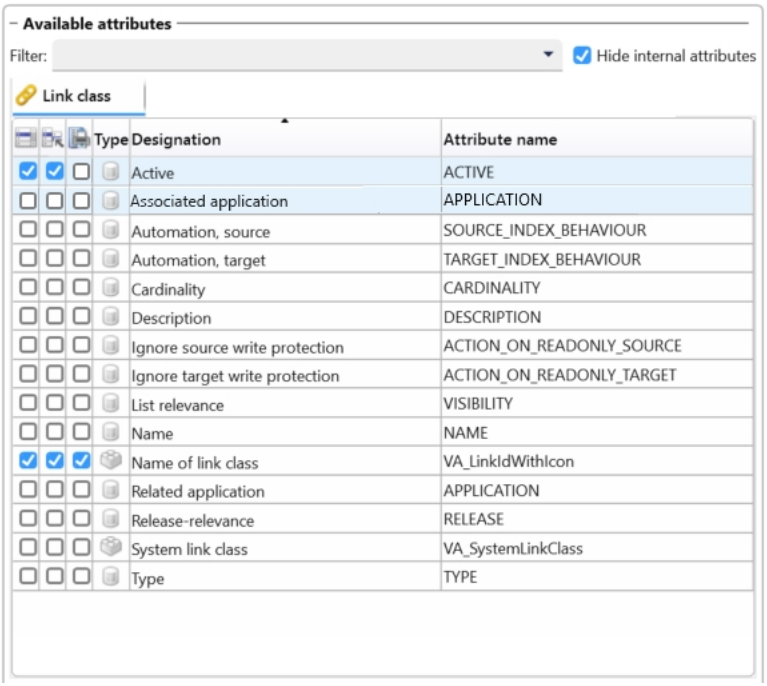
There are two new attributes for these link classes:

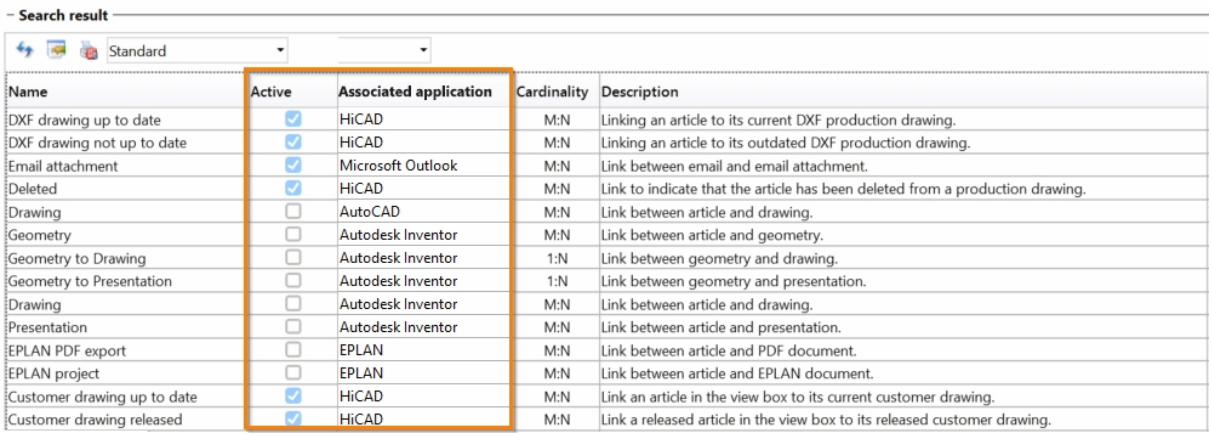
- **Associated application (APPLICATION)** identifies the application for system link classes that uses the corresponding link class. This is automatically assigned by the system and cannot be changed by the user.

  Whether this is displayed in the user interface can be explicitly enabled or disabled in the PDM Options (see below).

- **Active (ACTIVE)** indicates whether a link class should be actively used.

  If this is not the case, the corresponding link class will not be offered as a selection option in the link dialogues (this can be changed by the user. However, link classes that are already in use cannot be set to inactive again).

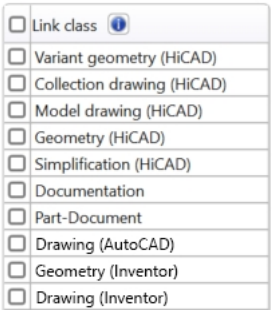




PDM Options > Display > Show associated application

The new PDM Option **Show associated application** on the **Display** tab also allows you to control whether the respective application associated with the link class is displayed when selecting link classes.

The following is an example from a section of the combined search:

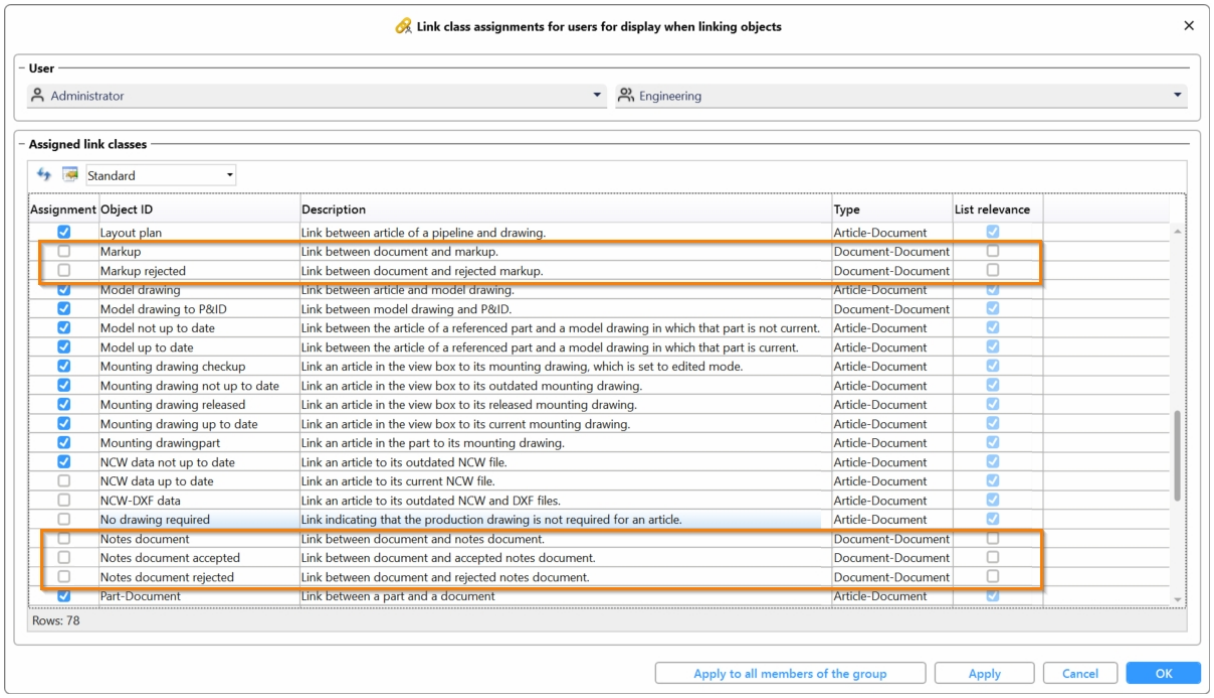


This can be useful, for example, if different link classes have the same displayed name (such as the “Drawing” link class for AutoCAD and Inventor files in the example).

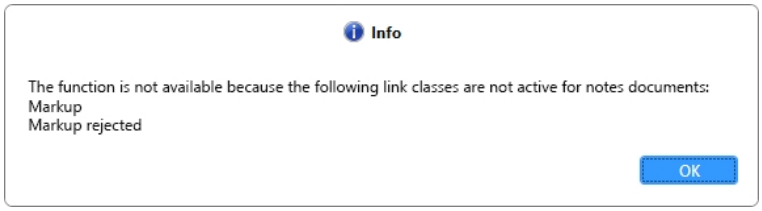
By default, this option is not enabled.

Markup and Notes documents

Please note that when working with the Markup or Notes document functionality, these are provided via link classes.



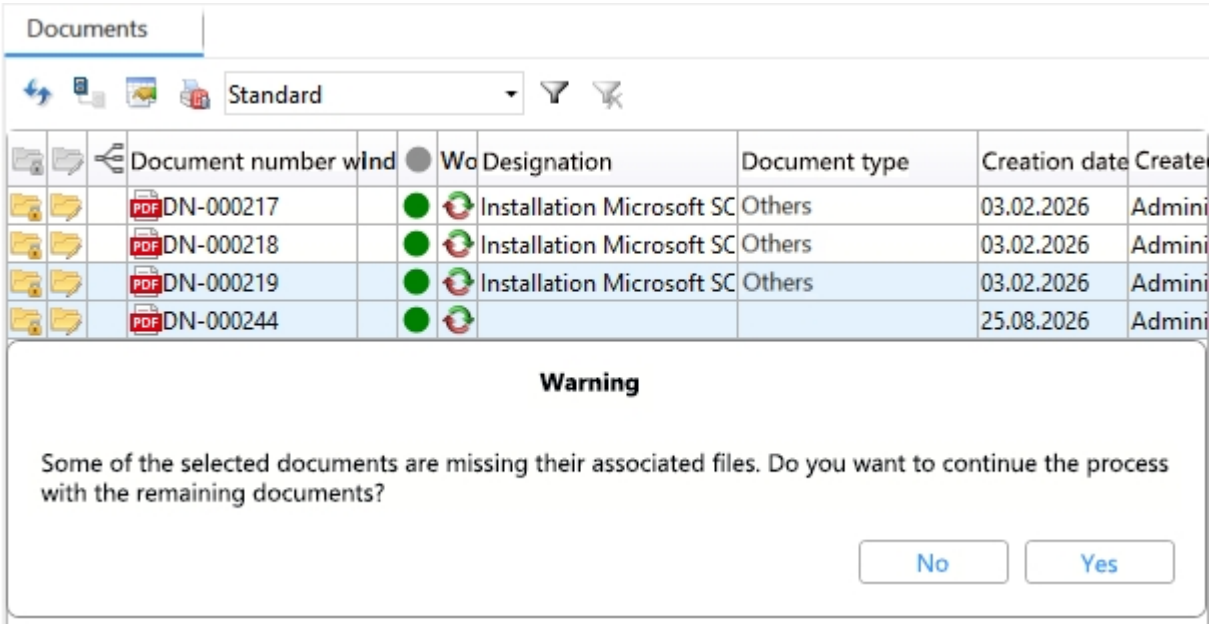
By default, the link classes are inactive in the HiCAD PDM delivery database.



Print and Convert: Query if files are missing

It may happen that there is no corresponding file in the system for certain document entries in the PDM database.

If any such documents are included amongst the selected documents when you call up **Print** or **Convert file** , you will receive a warning message asking for confirmation.



Click **No** to cancel the process, or **Yes** to filter out the documents without files and continue with the remaining documents.

Model structure

In the detail masks of HiCAD PDM document master records, a detailed **Model structure** view is displayed for **HiCAD 3D** and Inventor files.

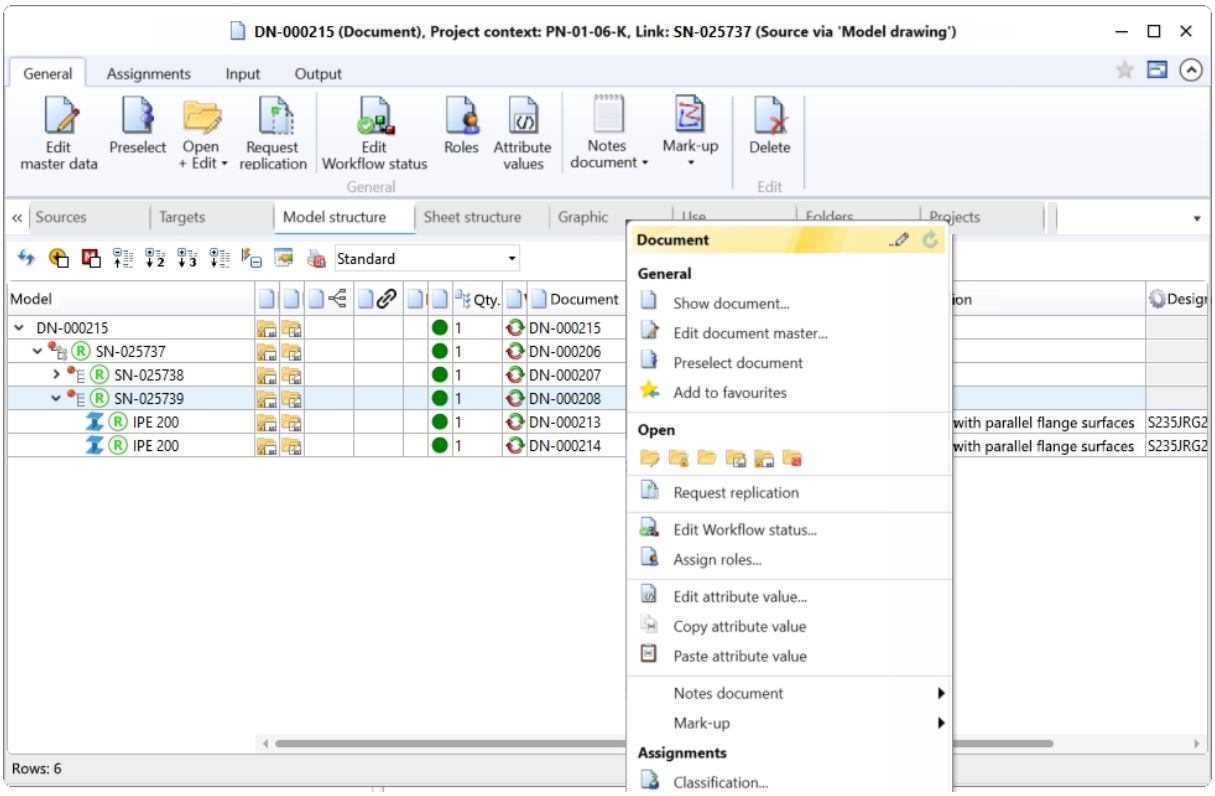
The update to HiCAD PDM 2027 has introduced a number of improvements in this regard:

When saving geometries that contain a referenced part (or its sketch) as a feature in HiCAD 3D, this information is also transferred to HiCAD PDM, where it is stored and displayed in the **Model structure**:

In HiCAD 3D, simplified parts and assemblies are assigned the ‘Simplified Part’ feature. Sub-assemblies of simplified assemblies, in turn, have the ‘Simplified Sub-part’ feature. Both are stored in the model structure and taken into account.

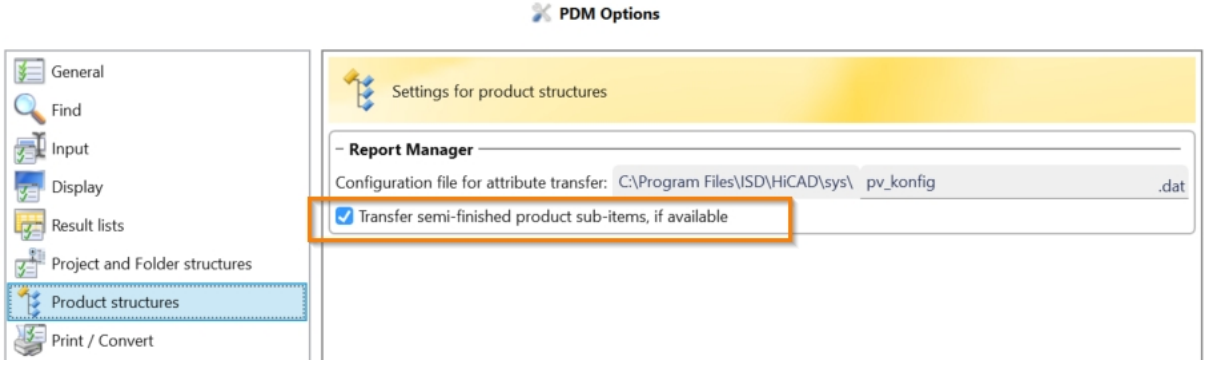
When determining and displaying the current status of base parts, both simplifications and dependencies are also taken into account.

When a document details dialogue is opened from within the model structure, the article context of the top part is also passed along.

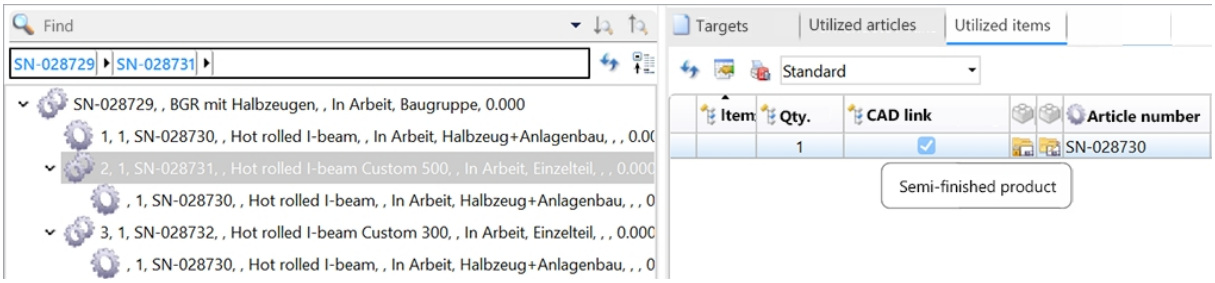


Semi-finished product sub-items

A new setting under **PDM Options > Product structures** can be used to control whether semi-finished product sub-items should, where applicable, always be filtered out when data is transferred to the **Report Manager**.



On the **Utilized items** result list for a product structure, the tooltip for a set **CAD link** may indicate whether the item in question is a semi-finished product sub-item.



Database Options: Classic file name generation

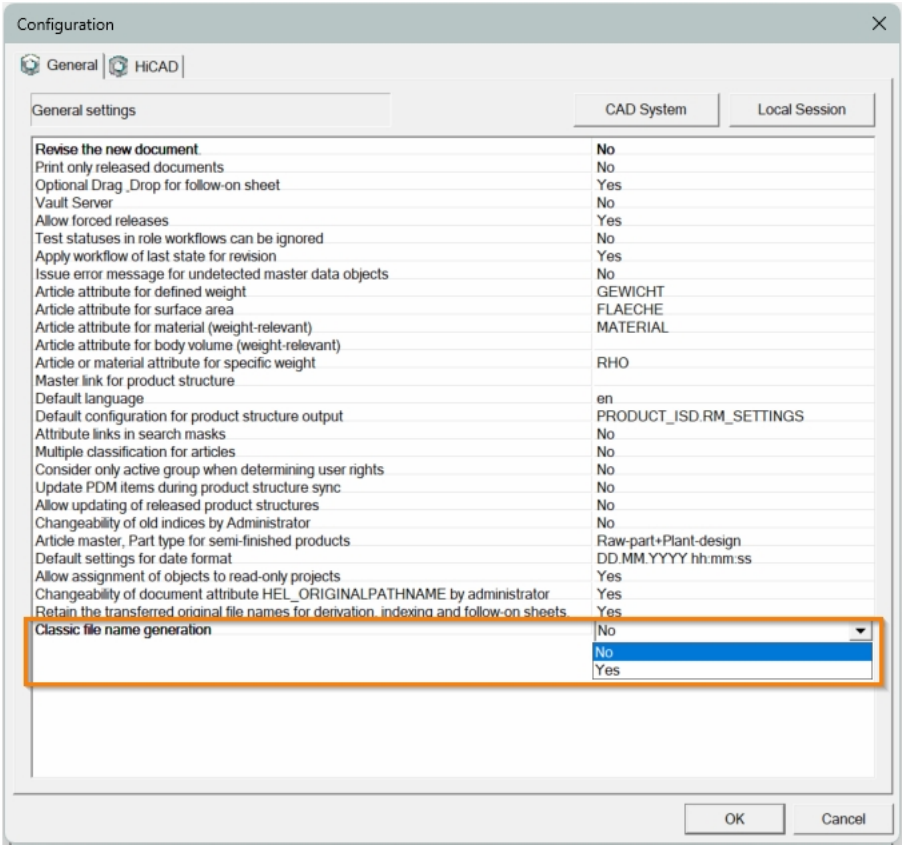
In earlier versions of HELiOS PDM, there were differences in automatic file name generation:

- When working with a Vault Server, the file name is generated according to the following scheme: <Head- ID>_ <Rev- ID>.File extension>.
  Example: B004URKMOE3KZ300003VJC_ 0.text
  As the combination of Head ID and Rev ID is always unique for a document, the file name is also always unique.
- When working without the Vault Server, the file name is generated as a cryptic 8-character string.

  Example: 55AFCE85.txt

In theory, the file name could therefore be ambiguous in the second case if documents were to be created in rapid succession; for this reason, file name generation has been switched by default to the method used with an active Vault Server.

For a transitional period, the naming scheme can be changed to the "classic" method via **PDM Options > Database** by changing the **Classic file name generation** setting from **No** to **Yes**.



Please note: This option is only available when working without a Vault Server.

Report Manager

Discontinuation of the Report Manager Professional

The additional functionality of Report Manager Professional has been integrated into the Report Manager.

Discontinuation of the "old" Report Manager

From HELiOS 2024 onwards, the "old" Report Manager, i.e. the Report Manager up to 2022, will no longer be delivered with a standalone installation of the HELiOS Desktop. In a HiCAD/HELiOS installation or a HELiOS update of HiCAD, however, the "old" Report Manager is still included. From HiCAD 2025 onwards, only the "new" Report Manager as of 2023 will be supported.

Major Release

Isometry BOMs: %PART_COUNT additionally to %PART_QUANT

The expression **%PART_QUANT** allows you to specify the quantity of pipe parts in bills of materials. Straight pipes are treated differently, as the total length is displayed for them rather than the number.

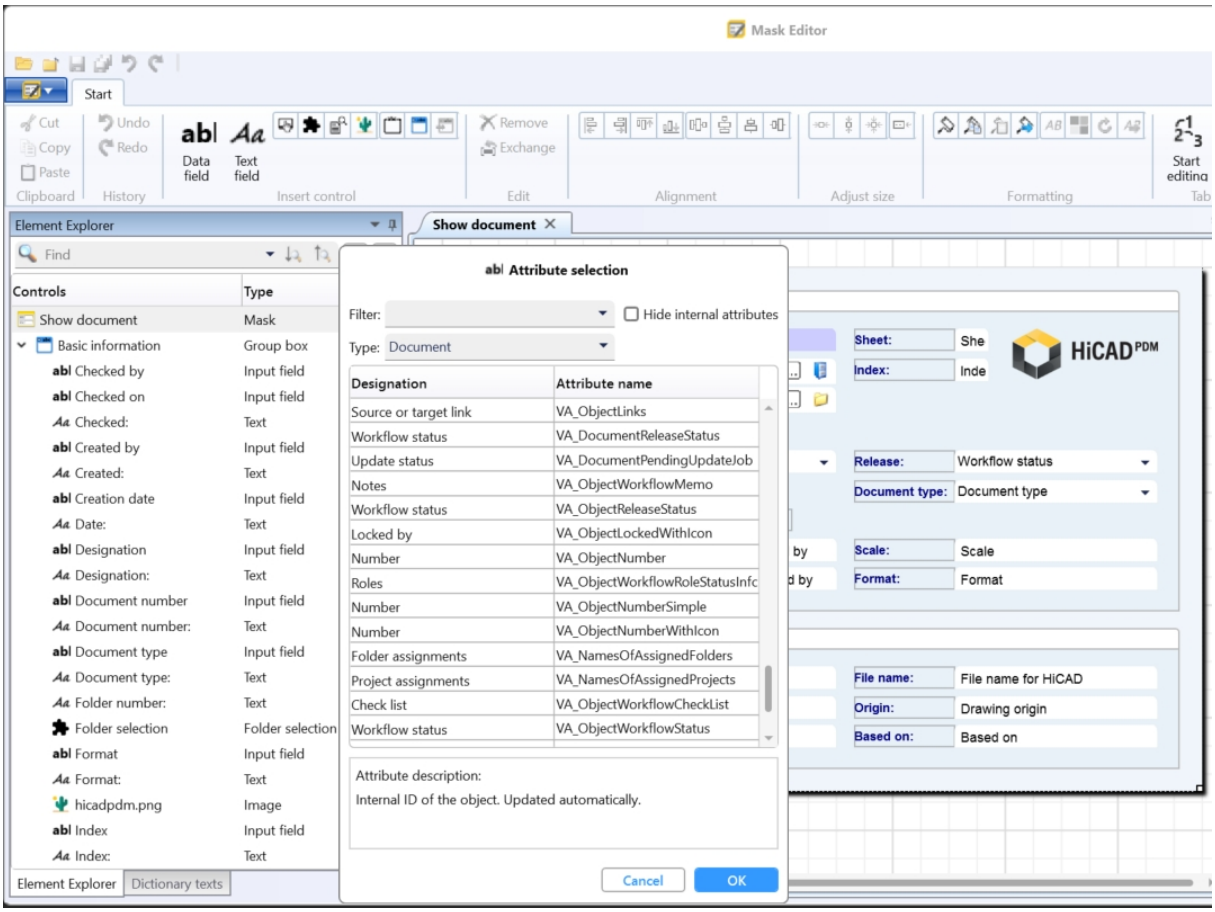
From HiCAD 2027 onwards, **%PART_COUNT** is also available. This expression does not apply the special treatment to straight pipes; these are therefore simply counted.

HiCAD PDM Mask Editor

Major Release

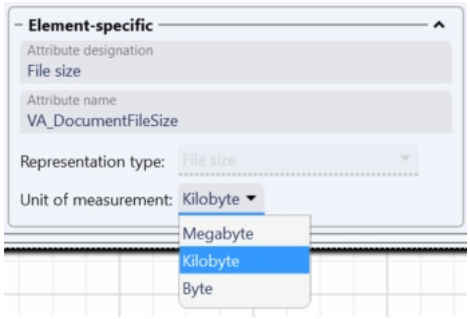
Virtual attributes in masks

Starting with the Major Release of HiCAD PDM 2027, so-called **virtual attributes** of the PDM database (identified by the prefix “VA_” in the attribute name) can also be integrated as data fields–for example, in detail masks–using the Mask Editor:



These are then displayed in the corresponding dialog boxes, but cannot be edited there (this also applies to the HiCAD PDM Internet Server interface, if you are using it).

In the **Element-specific** section of the **Properties** window, you can also configure settings for a virtual attribute, such as the **Representation type** or the **Unit of measurement** shown.


Element-specific
Attribute designation
File size
Attribute name
VA_DocumentFileSize
Representation type:
File size
Unit of measurement:
Kilobyte
Megabyte
Kilobyte
Byte

HiCAD PDM in HiCAD 3D

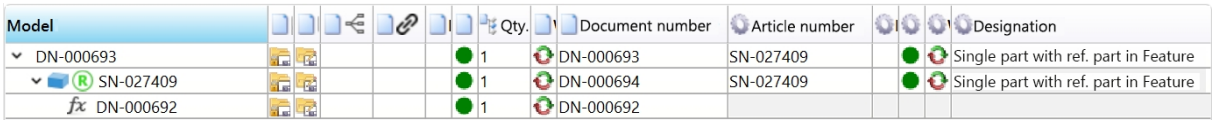
Major Release

Model structure

Referenced parts of the HiCAD 3D feature

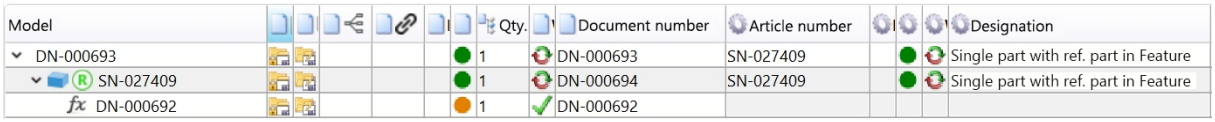
The **Model structure** tab on a HiCAD PDM document master screen displays the document structure of HiCAD 3D files (.SZA, .KRA).

With the update to HiCAD PDM 2027, this functionality has been extended so that when geometries are saved that contain a referenced part (or its sketch) within a feature in HiCAD 3D, this information is also transferred to HiCAD PDM, stored in the **Model structure** and displayed:



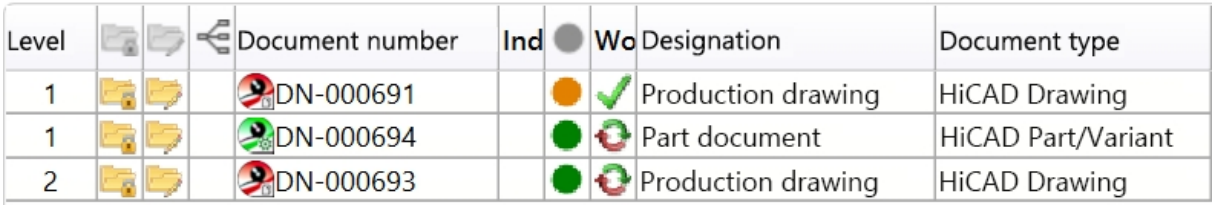
Model	Qty.	Document number	Article number	Designation
DN-000693	1	DN-000693	SN-027409	Single part with ref. part in Feature
SN-027409	1	DN-000694	SN-027409	Single part with ref. part in Feature
DN-000692	1	DN-000692		

As the database also takes into account the KRA version number of the referenced part (or sketch) within the feature, the model structure also indicates whether the version is up to date or not.



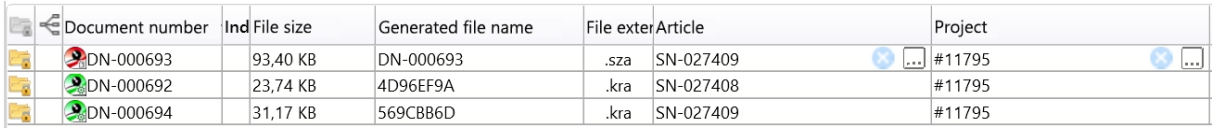
Model	Qty.	Document number	Article number	Designation
DN-000693	1	DN-000693	SN-027409	Single part with ref. part in Feature
SN-027409	1	DN-000694	SN-027409	Single part with ref. part in Feature
DN-000692	1	DN-000692		

When viewing the PDM document, it is also possible to check the **Use** of the referenced part (or sketch):



Level	Document number	Ind	Wo	Designation	Document type
1	DN-000691			Production drawing	HiCAD Drawing
1	DN-000694			Part document	HiCAD Part/Variant
2	DN-000693			Production drawing	HiCAD Drawing

Furthermore, the referenced parts (or sketches) within the feature are also taken into account when exporting the CAD document using the **Pack & Go** function.



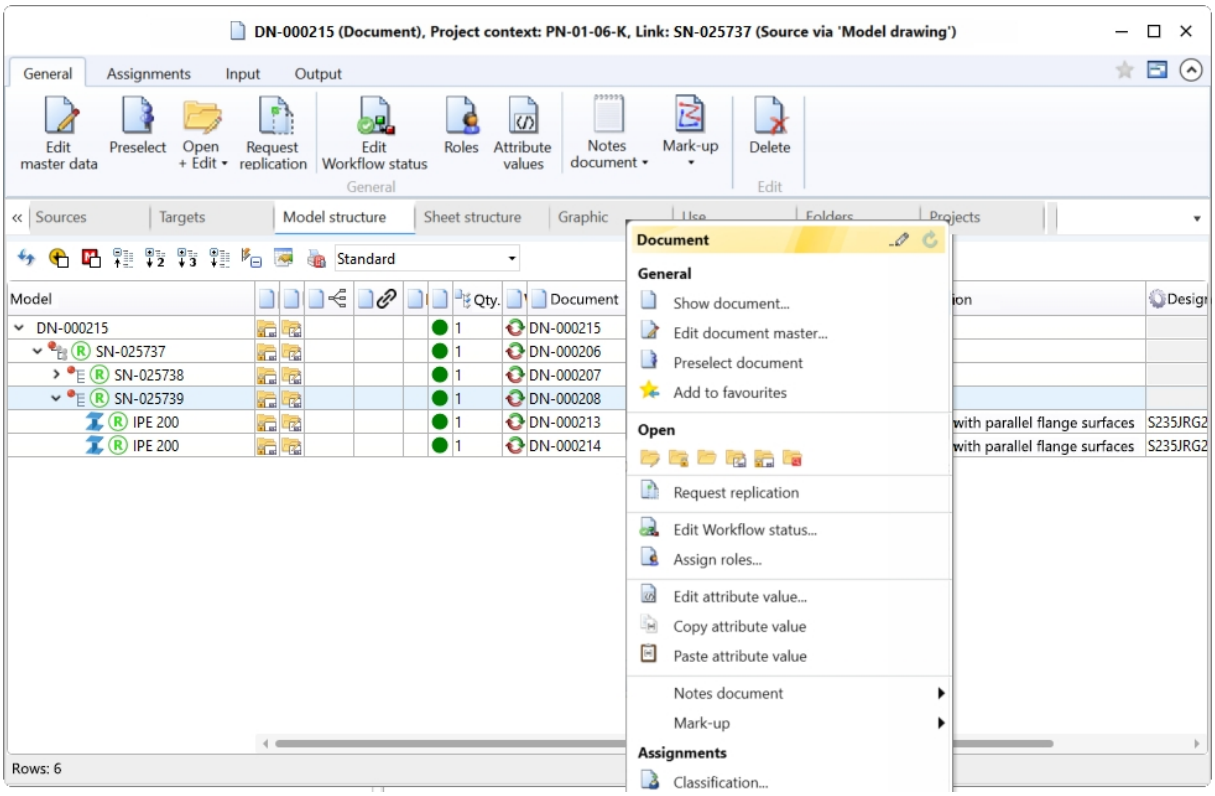
Document number	Ind	File size	Generated file name	File exter	Article	Project
DN-000693		93,40 KB	DN-000693	.sza	SN-027409	#11795
DN-000692		23,74 KB	4D96EF9A	.kra	SN-027408	#11795
DN-000694		31,17 KB	569CBB6D	.kra	SN-027409	#11795

Further optimisations

In HiCAD 3D, simplified parts and assemblies are assigned the Simplified Part feature, whilst sub-assemblies of simplified assemblies are assigned the "Simplified sub-part" feature. Both are stored in the model structure and taken into account.

When determining and displaying the up-to-dateness of base parts, both simplifications and dependencies are also taken into account.

When a document details dialogue is opened from within the model structure, the article context of the top part is also passed along.



HiCAD PDM for AutoCAD

Major Release

AutoCAD 2027

The update to HiCAD PDM 2026 supports the latest versions of AutoCAD and AutoCAD Mechanical.

 **Please note:**

Recent updates to AutoCAD (from 2025.1.4 and 2026.1.2 respectively) and Inventor (from 2025 SP5 and 2026 SP4 respectively) require .NET 10. These updates can only be used with HiCAD PDM 2027, not with HELiOS 2025 or 2026. If you are still using HELiOS 2025 or 2026, do not install these updates until you have migrated to HiCAD PDM 2027.

Support of dynamic AutoCAD blocks

As part of improvements to the AutoCAD/HiCAD PDM interface, the support of dynamic AutoCAD blocks has also been implemented.

This includes support for the “Visibility States” function in the AutoCAD Block Editor.

HiCAD PDM for Autodesk Inventor

Major Release

HiCAD PDM 2027 and Autodesk Inventor

Please note:

Recent updates to AutoCAD (from version 2025.1.4 and later, or 2026.1.2 and later) and Inventor (from version 2025 SP5 and later, or 2026 SP4 and later) require .NET 10. These updates can only be used with HiCAD PDM 2027, not with HELiOS 2025 or 2026. If you are still using HELiOS 2025 or 2026, do not install these updates until you have migrated to HiCAD PDM 2027.

HiCAD PDM Vault Server

Major Release

Improvements to the Vault Server installation

Like other HiCAD PDM components that are installed separately, the Vault Server is first uninstalled and then reinstalled as part of an update installation. Should any errors occur or the process be interrupted, the old version can be restored.

New and update installations of HiCAD PDM on the client side "recognise the Vault connection details from previous installations on the system and populate the setup screens accordingly (where they can be amended by the user if necessary).

Furthermore, it is generally possible to install multiple instances of the Vault Server in parallel on a single system (this may be useful for testing purposes, for example).

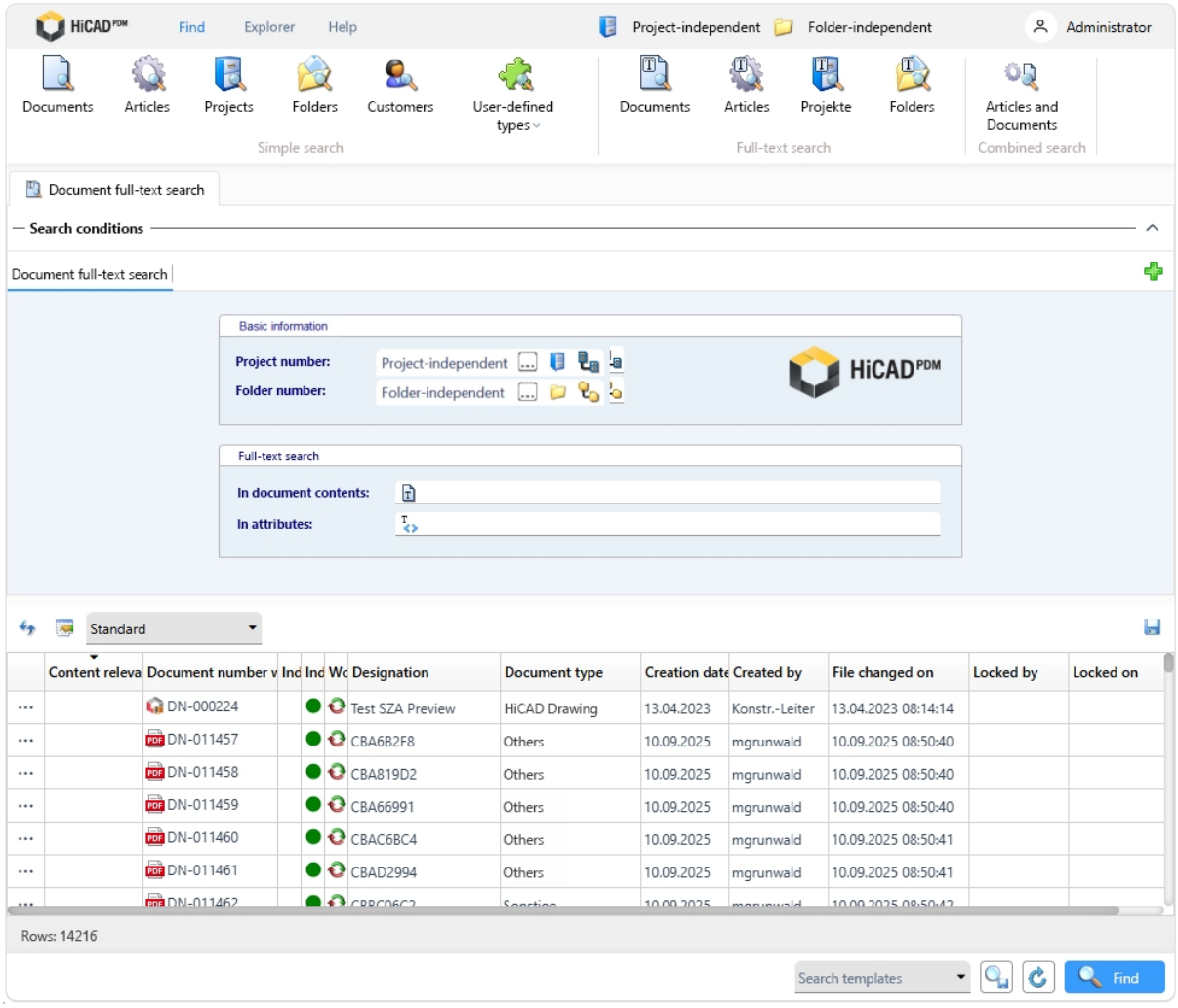
Internet Server

Major Release

HiCAD PDM Internet Server 2027

With the update to HiCAD PDM 2027, the Internet Server is now also available in its latest version, featuring a revamped user interface.

New features include, as with HiCAD PDM Desktop, an extension to the full-text search: in addition to the fact that the master data for articles, projects and folders can now also be searched using the full-text search, you can choose between searching the contents of files and searching database attributes for documents.



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HiCAD 3D

HiCAD PDM

HiCAD PDM 32.0

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