



# HELiOS

UNLIMITED PLM PERFORMANCE DEVELOPED BY ISD

## HELiOS - What's new?

Version 2024

News Overview

Date of issue: 26/02/2024

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## Notes on HELiOS Updates

For an update to HELiOS 2021 (Version 2600) from a version older than 2500 a central update of the supplied HELiOS database is required.

Since conflict may occur during the update process 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 HELiOS database.

For the backup, either use the HELiOS Database Creator (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 any conflicts occur during the update, these will be recorded in the log file **HeliosDbUpdate.txt** (in the system path **%appdata%\ISD Software und Systeme\HeliosDbUpdate\**).

Have this file ready when contacting the ISD Hotline in case of an unsuccessful update, so that they can help you solve the problem and make a successful update.

- **New mask format**

Please read all notes on the new mask format introduced with HELiOS 2020 !

- **MultiCAD interfaces**

If you are working with a multi-CAD interface (e.g. the HELiOS-Inventor interface), please note that before installing an update of an older version to HELiOS 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.



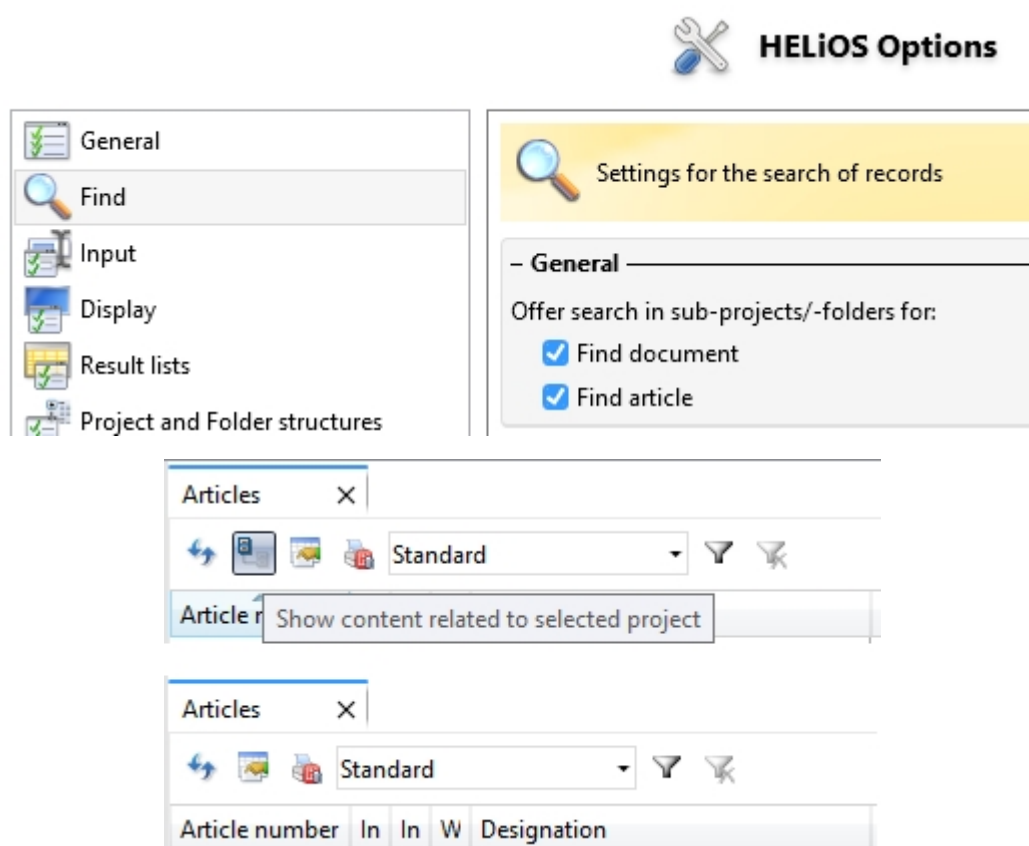
# HELIOS Desktop

## Service Pack 1 2024 (V 2901)

### Search in sub-projects/-folders

The setting options introduced in HELIOS 2024 for the search behaviour of HELIOS data records have been extended with Service Pack 1 and have a further impact on search templates and result lists:

If the **Find article** and/or **Find document** checkbox has been deactivated in the **HELIOS Options** at **Find > General > Offer search for sub-projects/-folders for:...**, the corresponding buttons for searching in sub-projects/folders are removed from the header menus of result lists after a restart of the HELIOS Desktop.

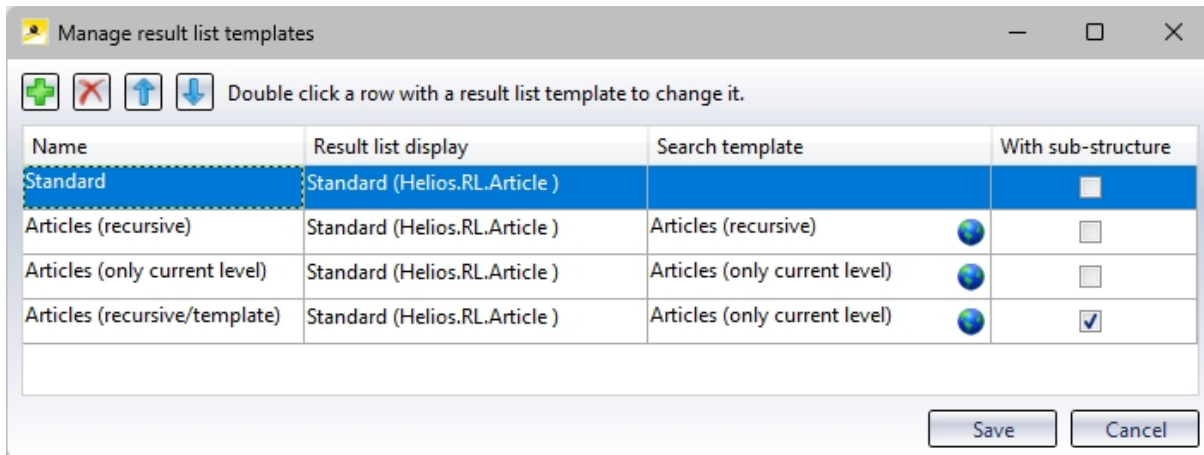


#### Please note:

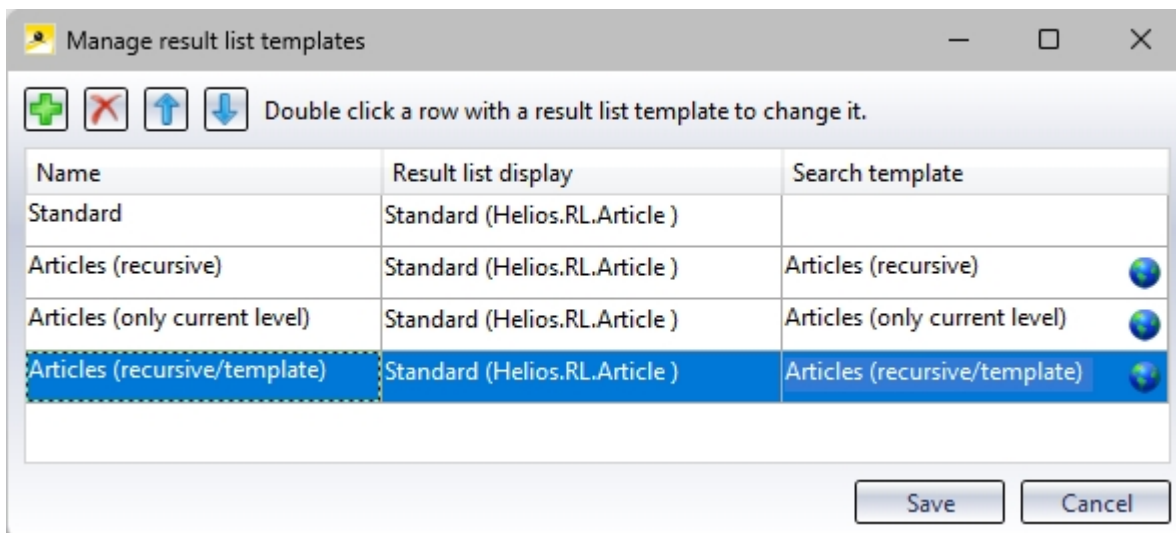
In "mixed" results lists (for articles and documents), the button is removed as soon as it has been deactivated for one of the two object types.

If the options for searching in sub-projects/folders have been deactivated, this also affects the search templates. If the user selects a search template in which the search was originally used in sub-projects / sub-folders, the search will no longer take place in the sub-projects / sub-folders despite the selection of the search template.

In the case of results list templates, the search in sub-projects / sub-folders is only controlled via the **With sub-structure** checkbox. The corresponding setting from the search template is irrelevant here.



If the HELiOS option **Offer search in sub-projects/-folders for:...** is disabled by deactivating the corresponding checkboxes, the **With sub-structure** column is removed from the **Manage result list templates** window.



Deactivating the setting has the same effect on results list templates as it does on search templates. New result list templates are then saved without a sub-structure search. However, if an existing results list template (which was created with the sub-structure option active) is edited, the option to search **With sub-structure** saved in the background is retained.



## Automatically apply workflow of the original object when creating index or derivation

When using the functions:

- **Create derivation** (for document master or article master)
- **Create derivation, with link** (for document master or article master)
- **Create index** (for document master or article master)
- **Create index, with link** (article master)
- **Create index (with file selection)** (document master)

HELiOS offers a workflow selection in the dialogues for creating the new object.

The screenshot shows the 'Create derivation (SN-000009)' dialog box. The 'Workflow' dropdown menu is highlighted with a red box, showing the following options: 'part (R)', 'part (R)', and 'part-2'. The 'With links' checkbox is also visible next to the dropdown.

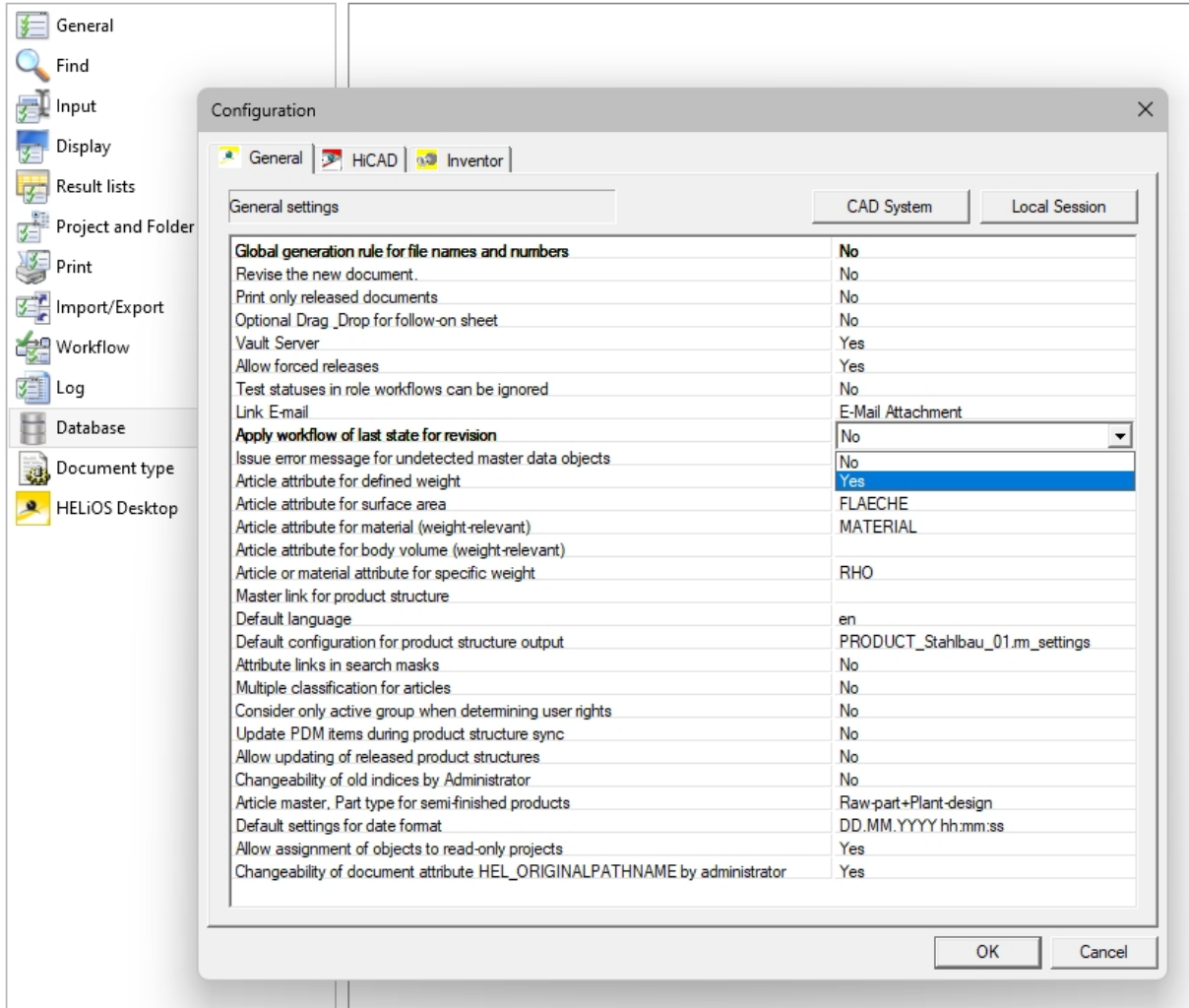
The workflow of the original object is preset.

If there are several workflows in the system for the HELiOS object type, you can also select another one from the pull-down menu.

If it is desired that the workflow of the original object is always adopted without giving the user a choice, administrators can set the Database option **Apply workflow of last state for revision** to **No**.

The workflow selection will then be restricted for the above functions in such a way that only the workflow of the original object will be applied.

 **HELiOS Options**



**Configuration**

General | HICAD | Inventor

General settings | CAD System | Local Session

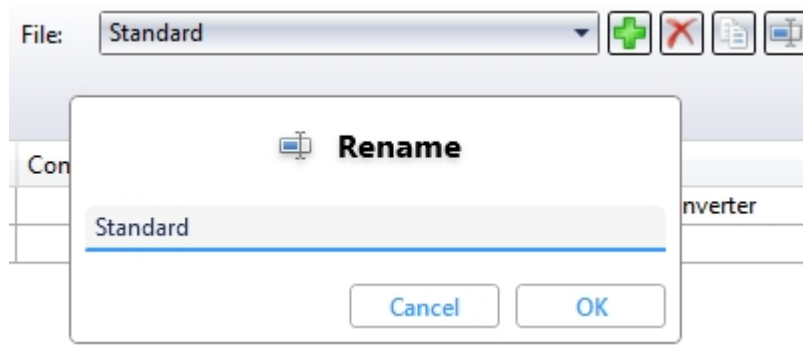
<b>Global generation rule for file names and numbers</b>	No
Revise the new document.	No
Print only released documents	No
Optional Drag_Drop for follow-on sheet	No
Vault Server	Yes
Allow forced releases	Yes
Test statuses in role workflows can be ignored	No
Link E-mail	E-Mail Attachment
<b>Apply workflow of last state for revision</b>	No
Issue error message for undetected master data objects	No
Article attribute for defined weight	Yes
Article attribute for surface area	FLAECH
Article attribute for material (weight-relevant)	MATERIAL
Article attribute for body volume (weight-relevant)	
Article or material attribute for specific weight	RHO
Master link for product structure	
Default language	en
Default configuration for product structure output	PRODUCT_Stahlbau_01.m_settings
Attribute links in search masks	No
Multiple classification for articles	No
Consider only active group when determining user rights	No
Update PDM items during product structure sync	No
Allow updating of released product structures	No
Changeability of old indices by Administrator	No
Article master, Part type for semi-finished products	Raw-part+Plant-design
Default settings for date format	DD.MM.YYYY hh:mm:ss
Allow assignment of objects to read-only projects	Yes
Changeability of document attribute HEL_ORIGINALPATHNAME by administrator	Yes

OK Cancel

## Deleting and renaming attribute assignments

Attribute assignments, such as those that can be set for the transfer of data to HELiOS or the export of files from HELiOS, can also be renamed from Service Pack 1 of HELiOS 2024.

To do this, click on the new **Rename configuration file**  button in the overview window of the corresponding attribute assignments for the active **File**. A corresponding input dialogue for changing the name opens:



In previous versions, the preset attribute assignment under the name **Standard** could not be deleted. As of the current version, this can not only be renamed, but also deleted, provided that at least one other attribute assignment has been entered in the system. If there is only one attribute mapping in the system, this cannot be deleted.



### Please note:

- The mapping of the Multi-CAD configuration file **Synchronization** may still not be deleted.
- In the event that users manually empty the list of attribute assignments (e.g. by editing the corresponding XML files), HELiOS automatically creates the default mapping from the installation state when it is started. This ensures that all dialogues work.

## Different interface, attribute mapping and import/export configurations for different HELiOS users

To ensure that different HELiOS users can use different settings regardless of the Windows user logged in, the corresponding mechanism in HELiOS has been adapted.

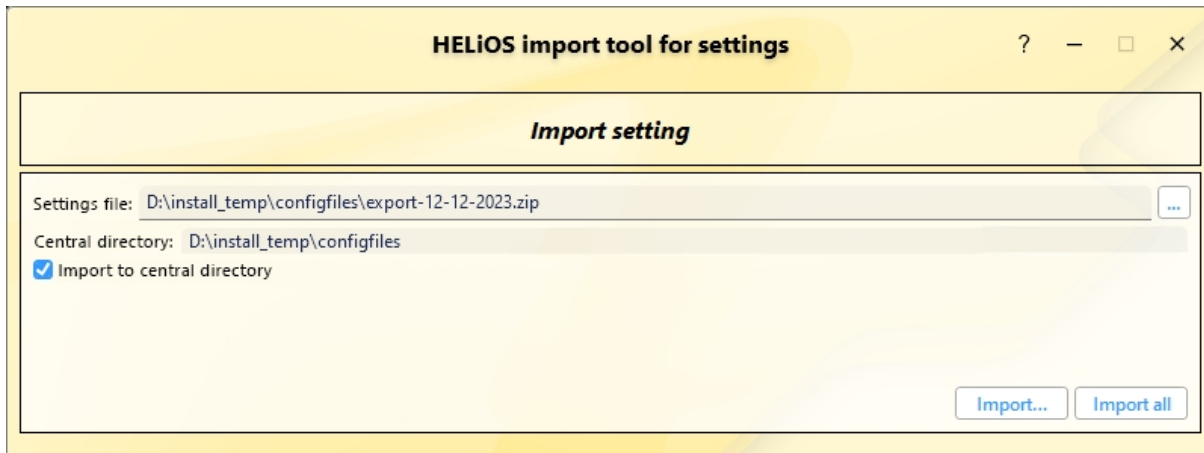
The changes affect the distribution options for specific customisations such as HELiOS masks, attribute mappings etc. to different workstations, as well as the export and import of HELiOS Options.

Please note that the corresponding directory structures or file storage locations may have changed as a result.

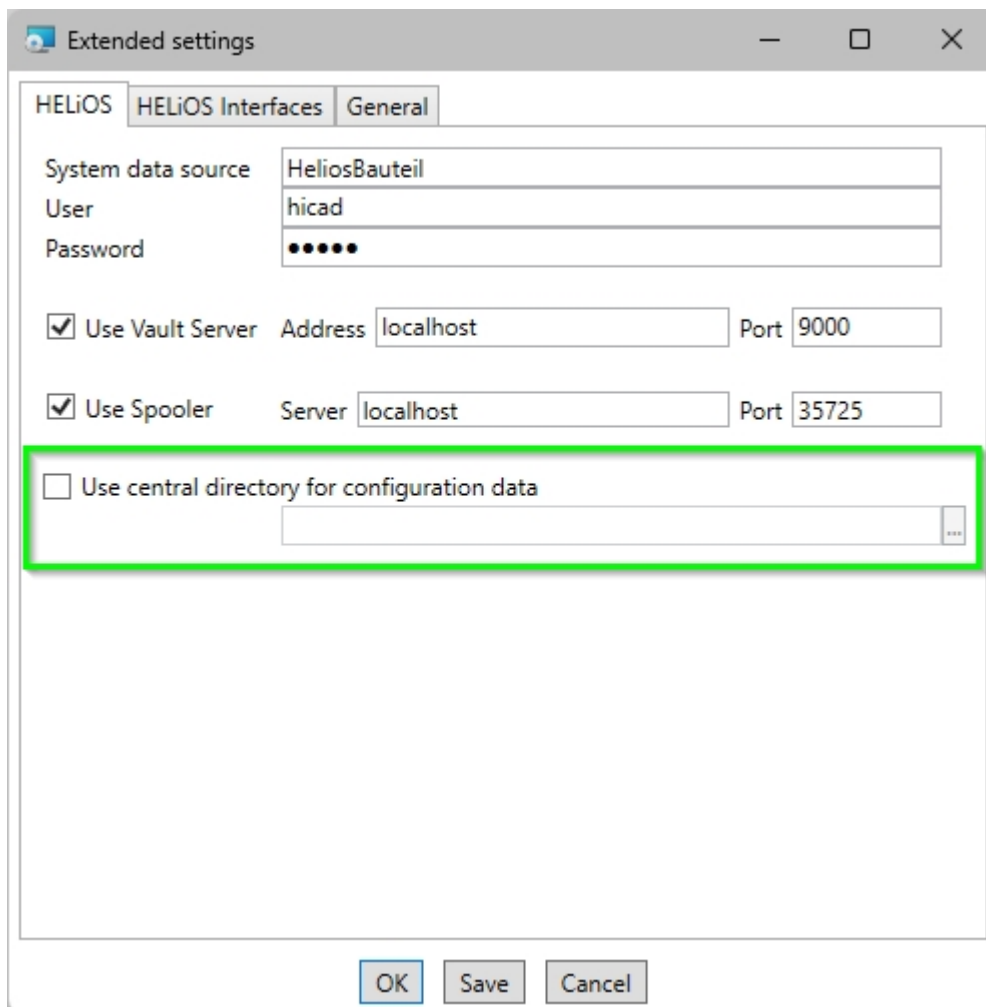
When updating to HELiOS 2024 SP1 (or higher) from an older version, existing settings files are backed up in a directory (%appdata%\Before2901Backup) and then migrated to the new structure.

In order for existing settings to be transferred, the workstations must be updated accordingly, or an export of the settings with HELiOS 2024 SP1 (or newer) must be re-imported.

HELiOS cross-user data can be stored centrally using the **HELiOS.ConfigImport.exe** tool. Manual creation of the directory structure or manual storage of the settings files is therefore not necessary.



Another new feature in this context is that you can set a central directory for the configuration data used across the board during the (update) installation of HELiOS.



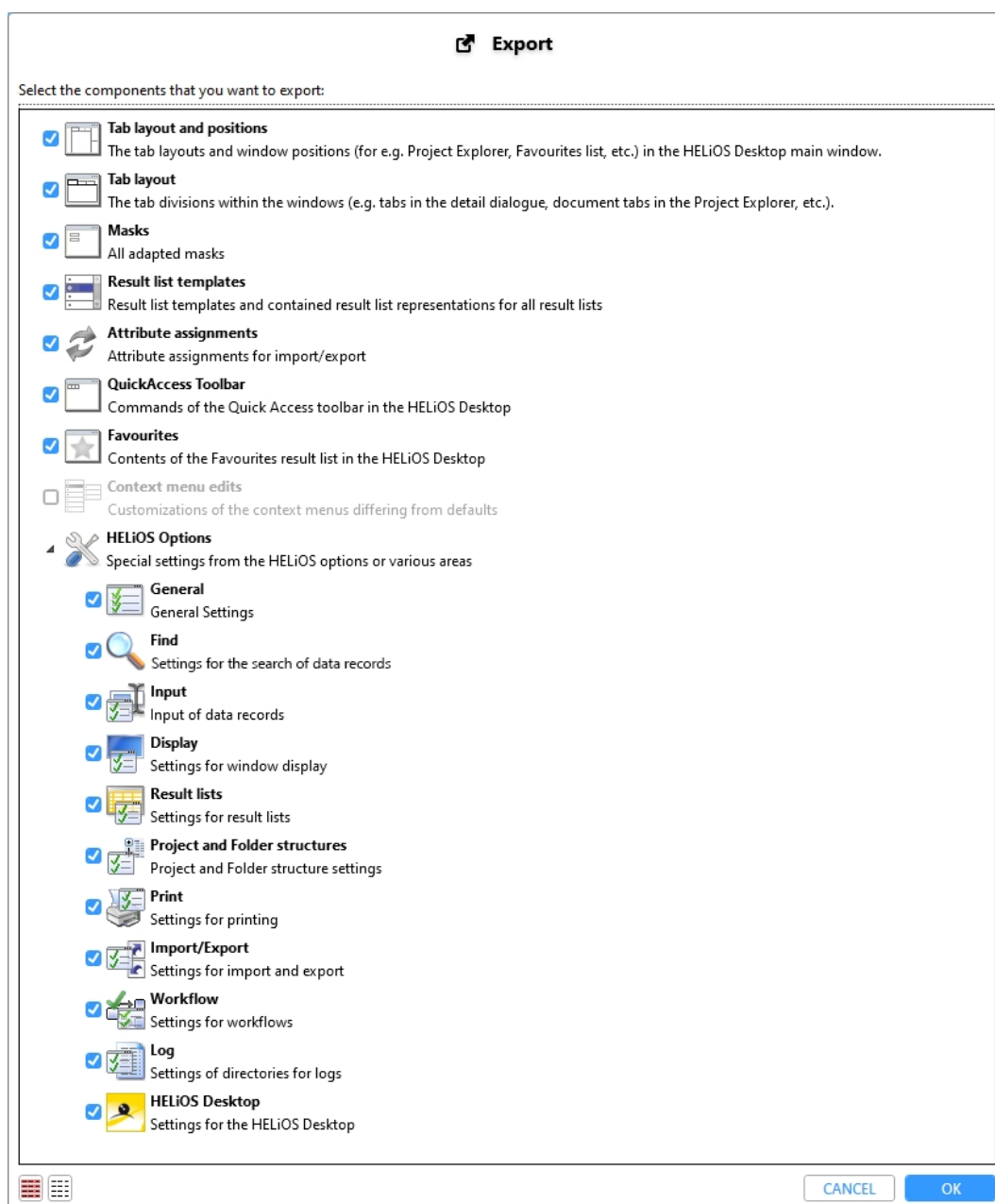
## Major Release 2024 (V 2900)

### Improved user interface

In HELiOS 2024, the user interface has been revised and improved in many areas.

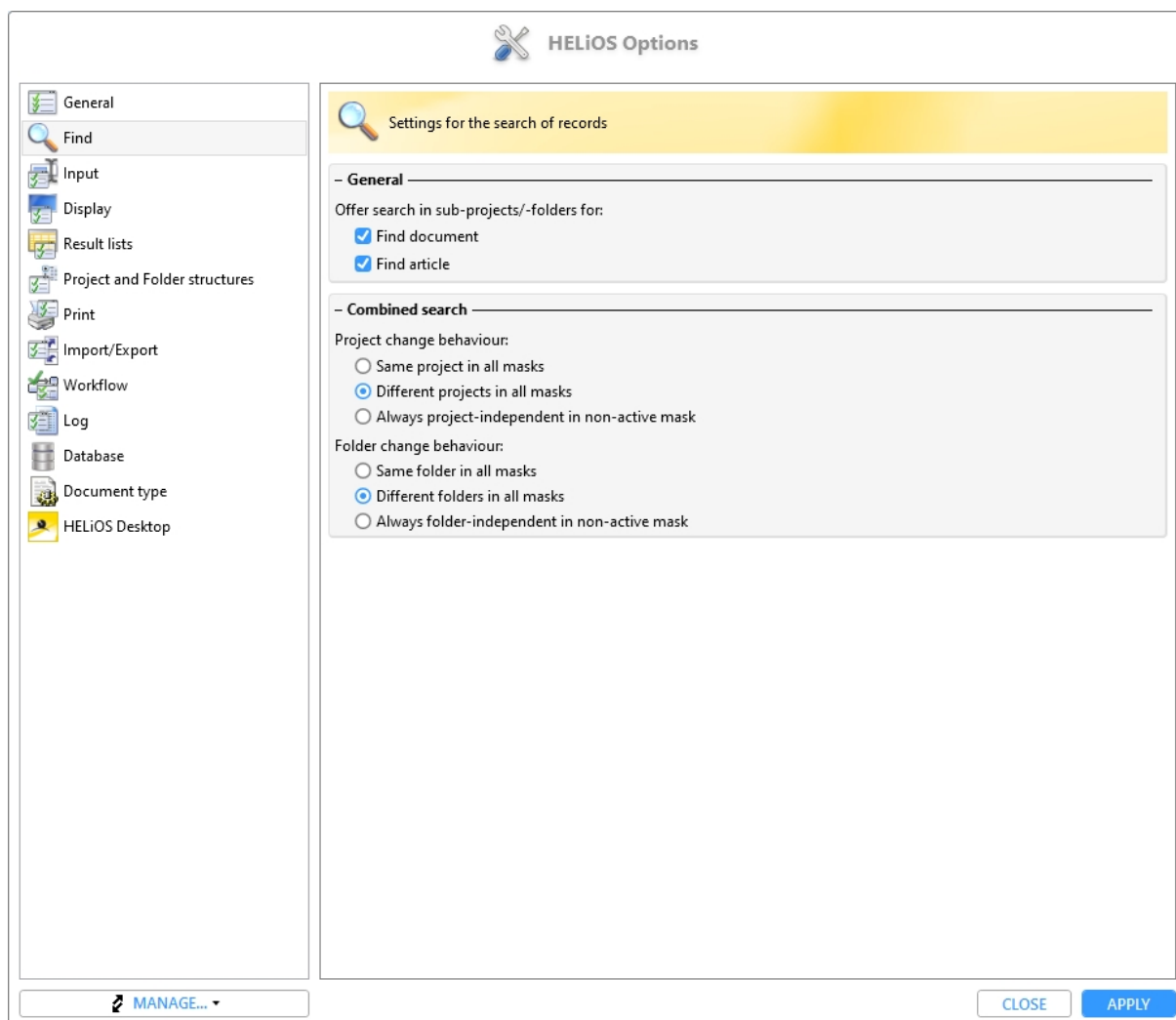
This also applies to graphical control elements that correspond to the current state of the art, adjusted positions of menus or preselected buttons in masks.

When exporting and importing interface settings, areas in which no changes have been made are greyed out and displayed with an inactive checkbox. In the example, this can be seen in the context menu edits:



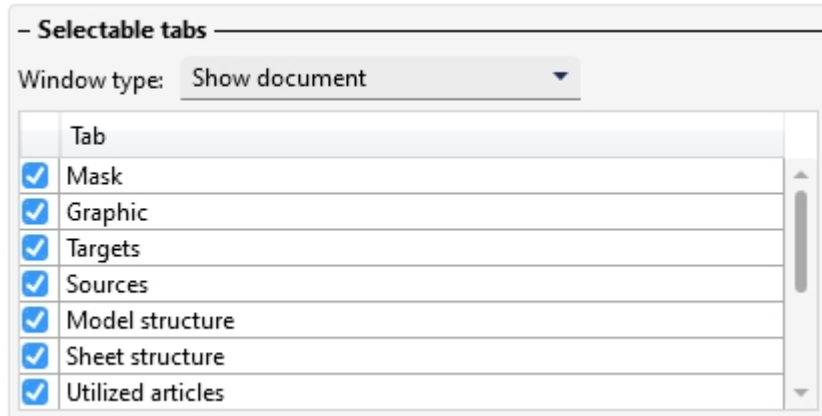
## HELiOS Options: Search

Starting with HELiOS 2024, you will find settings for the search of HELiOS data records in a separate sub-menu item. New is the option to restrict the search in project and folder sub-structures for documents and articles.

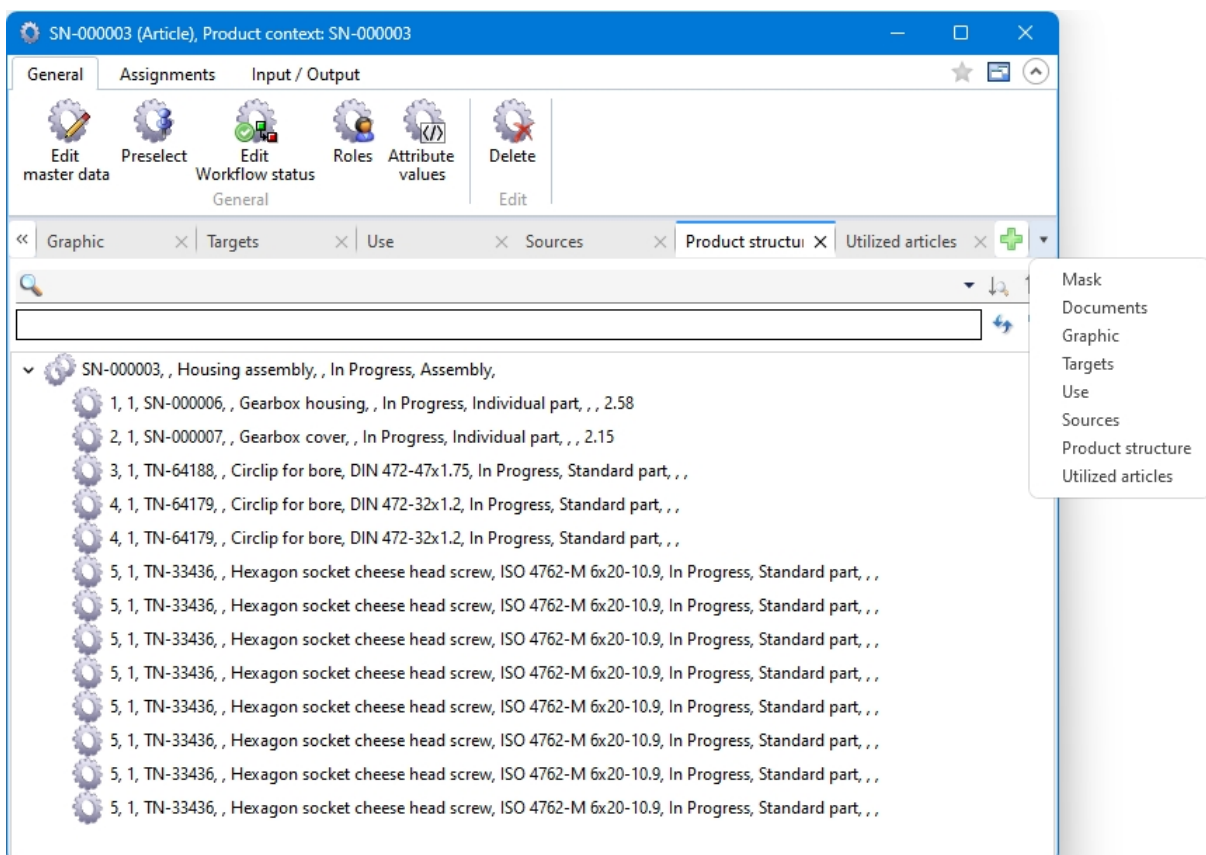


## HELiOS Options: Selectable tabs

In the **Display** section of the **HELiOS Options** you will find the new Settings heading **Selectable tabs**.



Under this heading you can determine for the five object detail window types **Show document**, **Show article**, **Show project**, **Show folder** and **Show pipe class**, as well as for the five result list contexts of the explorer window types **Project Explorer**, **Folder Explorer**, **Product Explorer**, **Article classification** and **Document classification**, whether they should be displayed in the HELiOS user interface or not.



The settings available here affect not only the HELiOS Desktop (and any linked applications), but also the user interface of the **HELiOS Internet Server**.

## HELiOS Options: Classification

In the **HELiOS Options** you will find the new sub-menu **Classification** in the **General** section.

Here you can control for documents and articles whether the classification of the corresponding object type is available to the users. If it is deactivated, the call for the Class Explorer, the respective button for class selection when creating, editing or deriving a document or article, the possibility of class selection in search windows and the context menu function for classification in the HELiOS user interface are hidden for the respective object.



The former option **Show Classification tab in Find document/article dialogue** has been removed and replaced by object-specific sub-menu items.

## Improvements and extension of the HELiOS URLs

The functionality of the **HELiOS URLs** has been revised and improved.

In the process, the procedure in HELiOS Desktop was aligned with that of the HELiOS Internet Server.

In the course of the improvements, the syntax of URLs specifying search criteria was extended:

For example, project and folder assignments can now also be specified. In the case of multiple assignments of an object, a desired unique context can be specified in a URL, e.g. also by specifying HELiOS attributes such as the name of an object.

A "nested" specification of substructures can also be taken into account, if this is necessary for the unambiguous selection of a project or a folder.



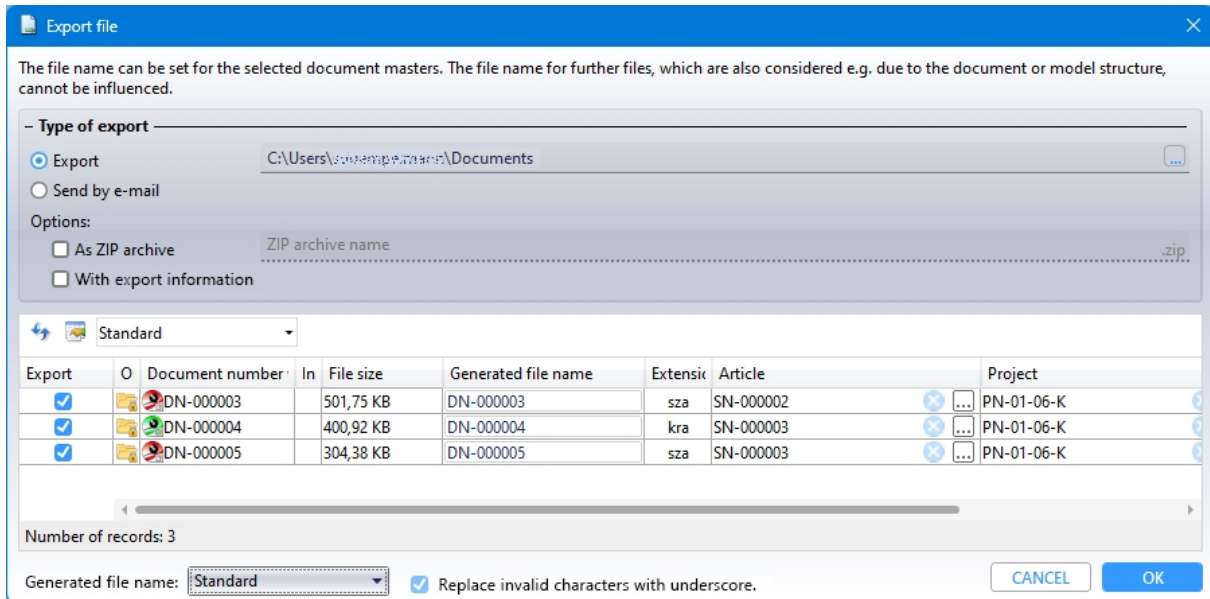
Note that the URL syntax of earlier HELiOS versions is no longer supported by this revision. Any URLs saved from earlier versions (in documents, bookmarks, etc.) can therefore not be reused and must be manually replaced with URLs in the currently valid syntax in order for the call to work again.



## Export file

When exporting files, in addition to saving them in an export directory, you have the option to send files directly from the HELiOS export dialogue by e-mail. If this option is selected, the locally configured e-mail client is started after the export and the files exported from HELiOS are automatically attached to a new e-mail.

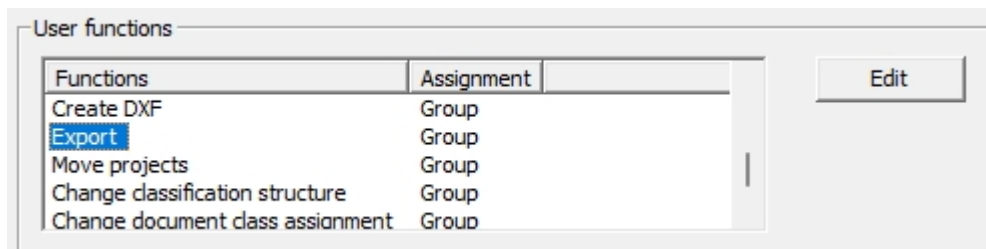
Another new checkbox in the export dialogue also makes it possible to save files directly as a zip archive, which can be very useful when exporting a large number of files at once.



### Please note:



The improvement of the export functionalities is accompanied by an adjustment of the HELiOS user rights, which you can set in the user management of the **EDBSETUP**:

The **Export** function allows users to perform the actions **Export file** and **Send file by E-Mail**, as well as to export a document via drag & drop into the file system.



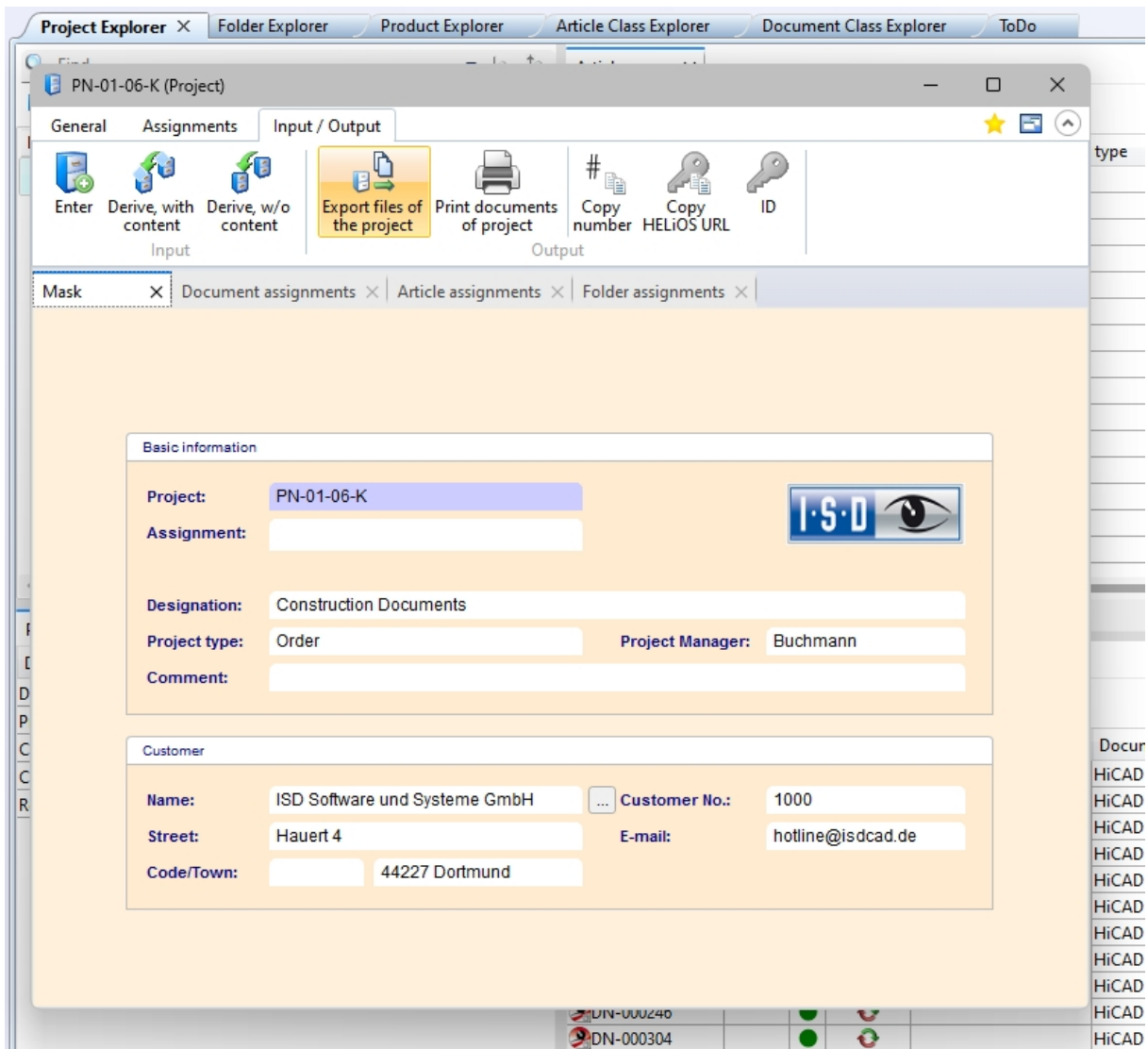
There is no separate user function for import.

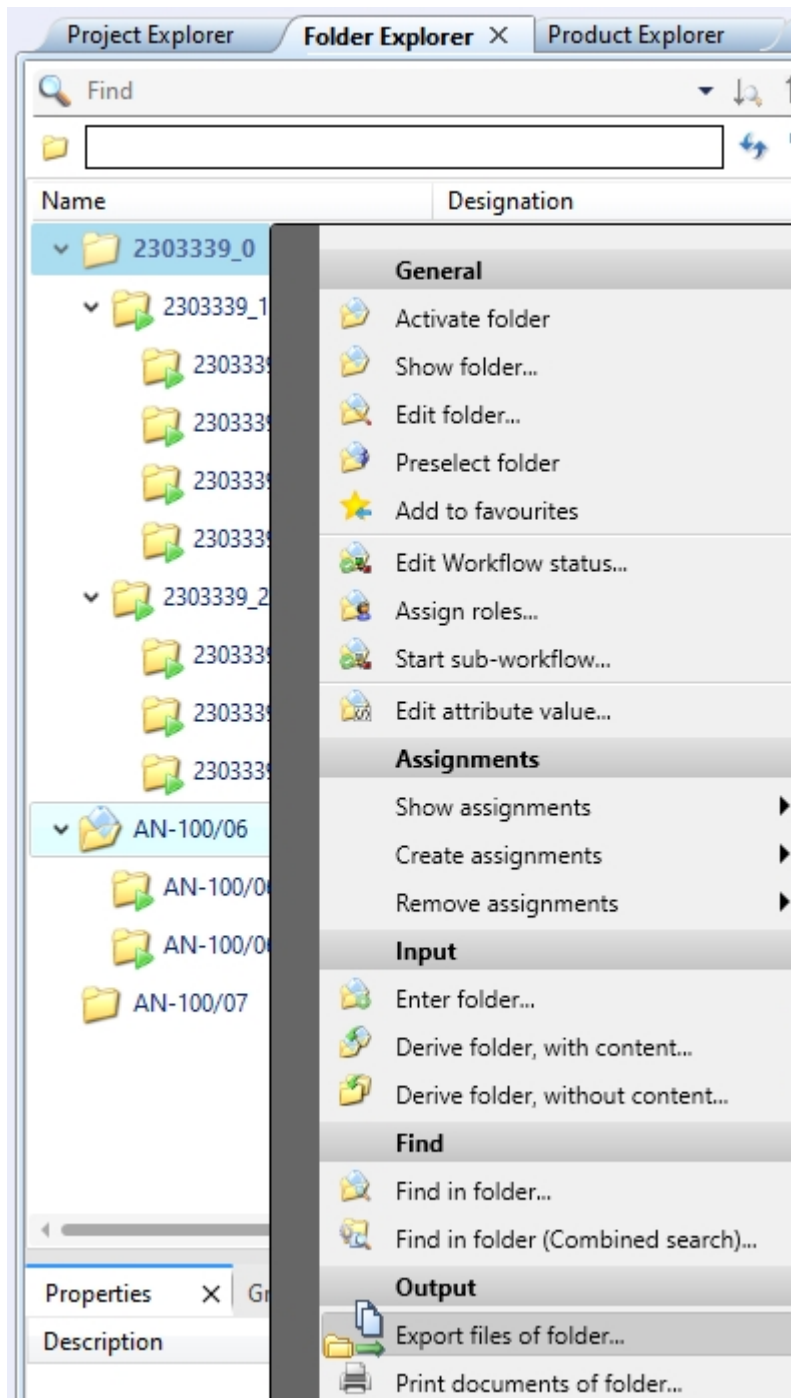
## Export files of projects / Export files of folders

In the context menus of projects and folders you will find the new functions **Export files of project**  or **Export files of folder**  under **Output**.


As with the direct export of documents, this way you can export all files assigned to a certain project or folder from the HELiOS Desktop.

Additional options let you automatically create a parent folder or export the entire structure of a project or folder.

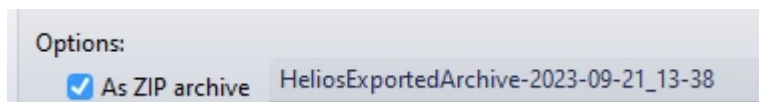




### Send file by e-mail: As Zip archive

As with exporting files, you can also use the **Send file by e-mail**  function to pack the file(s) to be sent directly into a zip archive.

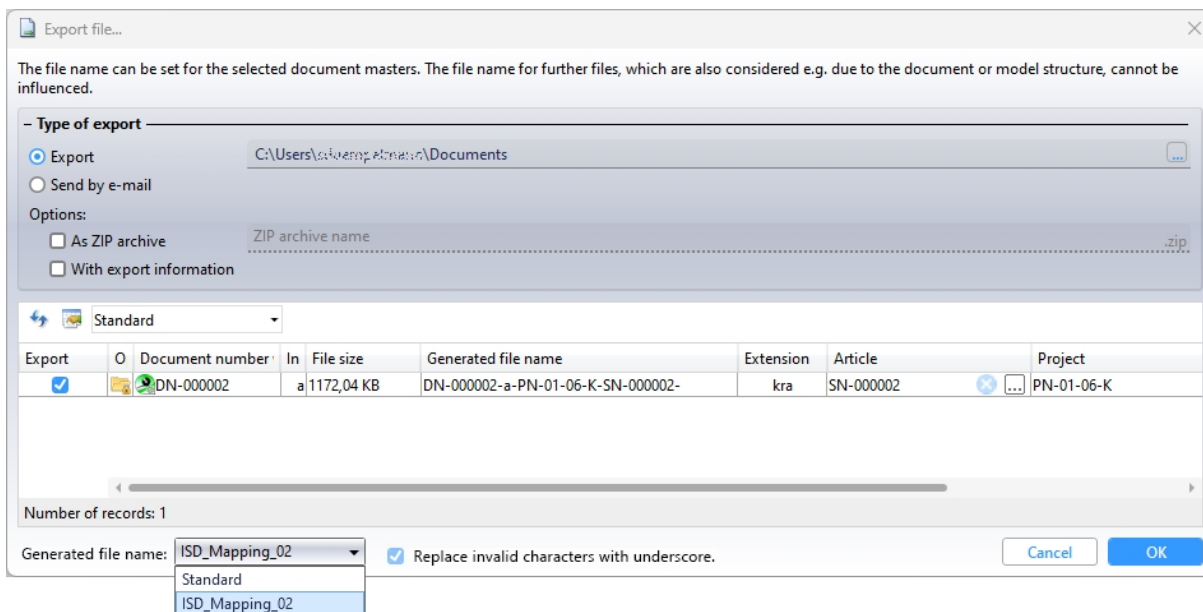
If necessary, you can change the automatically suggested file name by entering it manually.



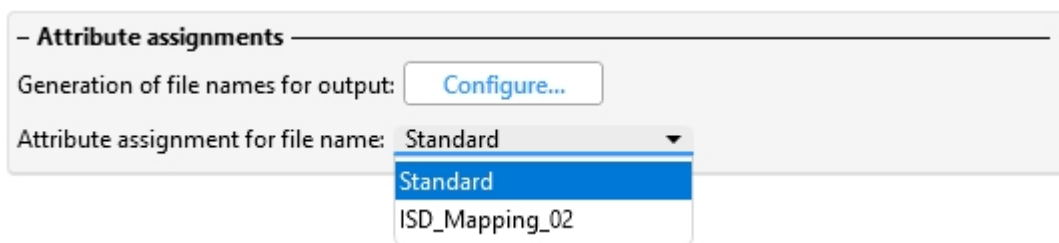
## HELiOS Options: Attribute assignment and Export settings

In the **HELiOS Options** at **General > Attribute assignments** you have the possibility to set attribute assignments for the file name to be generated for document exports.

These can then be selected in the export dialogue.



Which attribute assignment is used by default for file name generation can be set under **Attribute assignment for file name**:



The assignment is then used when exporting document masters from HELiOS to the file explorer via drag & drop, when exporting files via the API and when downloading files via the HELiOS Internet Server.

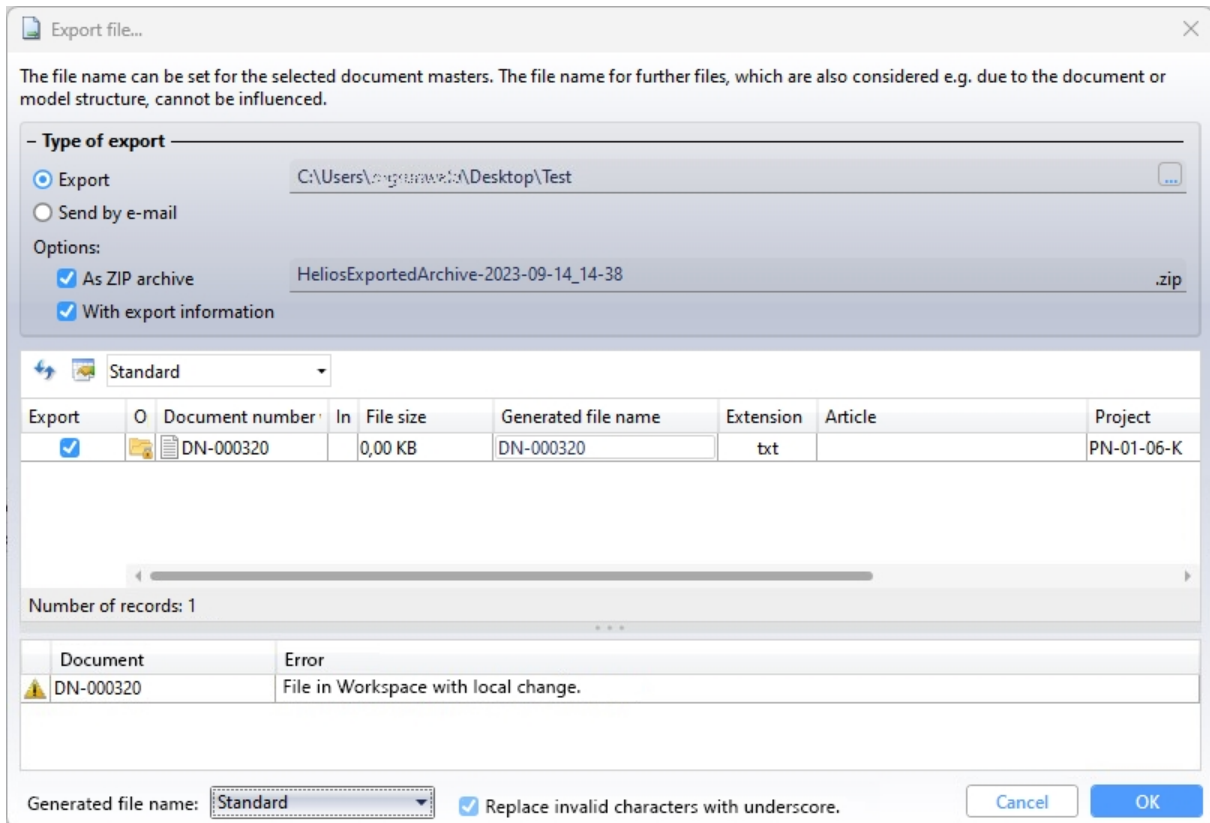
At **HELiOS Options > Import/Export** you can also set for **Export file**, as well as for the new functions **Export files of project** and **Export files of folder**. In each case, or the export settings dialogue should be executed or skipped for each export process.

**Please note:**

Due to the changeover, the previously existing concrete attribute assignments of the files Helios.ShortFileNameConfig.Export.xml and Helios.ShortFileNameConfig.Print.xml have been omitted and replaced by the new mechanism. For the new standard assignment, the settings have been taken from the mapping used for printing. Other attribute assignments may have to be reconfigured by the user after the update.

## Local changes during export, printing and conversion

Before exporting a file, the system checks whether the documents to be exported have local changes. If this is the case, a warning is issued for the respective document, because in case of export not the locally changed status would be exported, but the status known to HELiOS.



You can then decide whether to **Cancel** or to export the document with **OK** regardless of the local changes.

The same applies to **Print (Spooler)**, **Send file by e-mail** and **Convert**.

### Result list - Target date display for projects and articles

Basically, target dates can be assigned for folders, projects, articles and documents.

The virtual attribute VA\_ObjectWorkflowTargetDate, through which target dates of folders and documents were already displayed in result lists before, can now also be used for projects and articles.

**Edit attribute configuration**

**- Available attributes**

Filter:

Document | Article | **Project** | Folder

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Type	Designation	Attribute name
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Project type	PROJECT_TYPE	PROJECT_TYPE
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PROJECTLOCK	PROJECTLOCK	PROJECTLOCK
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Responsible person	SACHBEARBEITER	SACHBEARBEITER
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Roles	VA_ObjectWorkflowRoleStatus	VA_ObjectWorkflowRoleStatus
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Roles	VA_ObjectWorkflowRoleStatusInfo	VA_ObjectWorkflowRoleStatusInfo
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ROOTPROJECT	ROOTPROJECT	ROOTPROJECT
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SCHUTZGAS	SCHUTZGAS	SCHUTZGAS
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SCHWEISSNAHTVORBEREITUNG	SCHWEISSNAHTVORBEREITUNG	SCHWEISSNAHTVORBEREITUNG
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SCHWEISSVERFAHREN1	SCHWEISSVERFAHREN1	SCHWEISSVERFAHREN1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SCHWEISSVERFAHREN2	SCHWEISSVERFAHREN2	SCHWEISSVERFAHREN2
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SCHWEISSZUSATZ1	SCHWEISSZUSATZ1	SCHWEISSZUSATZ1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SCHWEISSZUSATZ2	SCHWEISSZUSATZ2	SCHWEISSZUSATZ2
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Street (Kunde)	STRASSE (ARCHITEKT)	STRASSE (ARCHITEKT)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Street (Kunde)	STRASSE (BAUHERR)	STRASSE (BAUHERR)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Street (Kunde)	STRASSE (KUNDE)	STRASSE (KUNDE)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Street (Kunde)	STRASSE (STATIKER)	STRASSE (STATIKER)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Target date	VA_ObjectWorkflowTargetDate	VA_ObjectWorkflowTargetDate

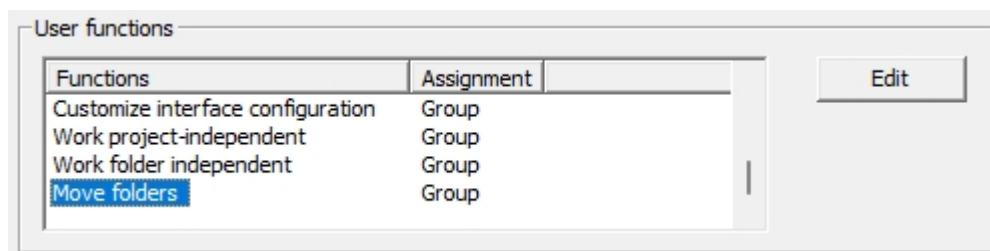
**Attribute description:**  
Shows an icon if a target date has been defined for the workflow of the object.

Show column for attribute names



## User rights: Move folders

As with the possibility of allowing or preventing the moving of projects for certain users or groups via the user management of the **EDBSETUP**, a user right for moving folders can now also be assigned or removed from the authorisation functions.



Existing HELiOS users automatically receive this right through the database version update. So nothing changes at this point, except the possibility that this right can be withdrawn from users.

## User-defined types: Change of read permission and reference attributes

The read permission for HELiOS objects of user-defined types has been changed to allow all users to read such objects.

Modification, deletion and creation of these objects is still regulated by the (classical) workflow.

In addition, HELiOS user-defined object types also support reference attributes. For example, you can use reference attributes (such as organisational affiliations of customers in document master data) to narrow down the search for customer data.

## Initialised attributes

Note the instructions for initialising attributes:


Improving adjustments have been made in the hierarchical order in which initialised attributes are overwritten by further steps if necessary.

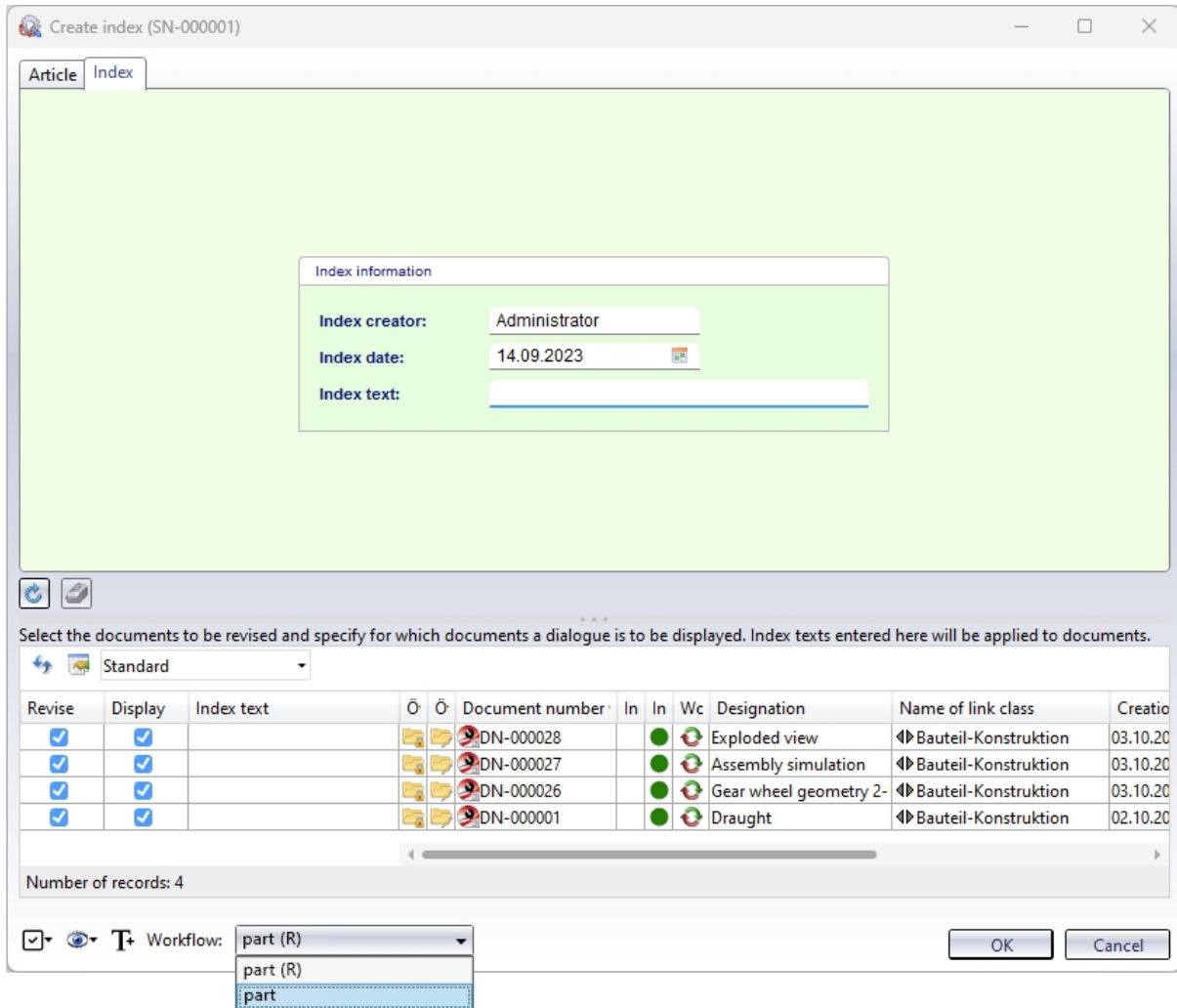
Initialisations from attribute assignments or workflow steps can be overwritten by subsequent steps. Only the attributes that are automatically changed by attribute assignments or the workflow will be updated. Further initialisations made by the user remain unchanged.



## Workflow selection for article index

As with indexing of individual articles or documents, it is also possible to make a workflow selection for articles when

choosing **Create index, with link** .





The prerequisite for a **Workflow** selection at the bottom of the window is that the logged-in user has the appropriate permissions.

In addition, the setting **Apply workflow of last state for revision** at **HELIOS Options > Database** must be set to **No**.



## Italian and Polish remote maintenance

The support tool **TeamViewer**, which can be accessed from the HELiOS Desktop via  >  **Remote Maintenance**, is also available in Italian and Polish on HELiOS 2024.

## Using the new Report Manager with HDE reports

Within the HDE reports you can specify which RMS file (old Report Manager) should be used. From HELiOS 2024 you can also use the new RM\_SETTINGS files and thereby start the new Report Manager (from 2023).

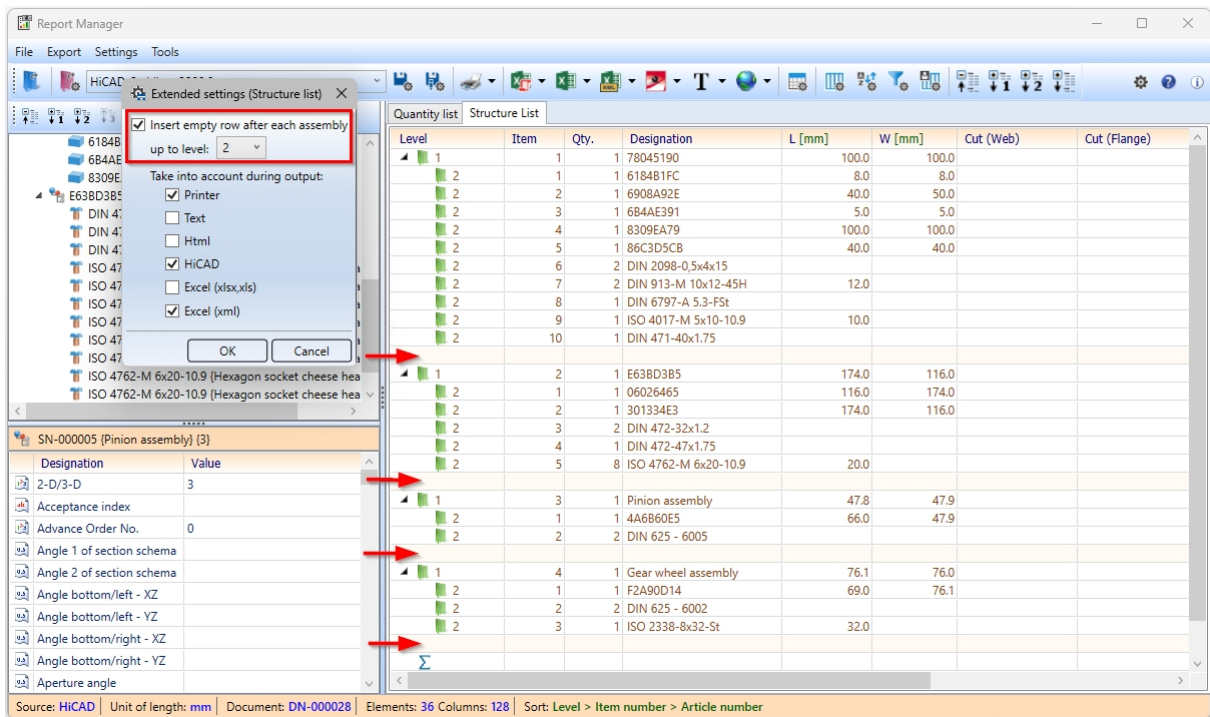
# Bill of Materials / Report Manager

## Major Release 2024 (V 2900)

### General adjustments

#### Empty rows in the structure list

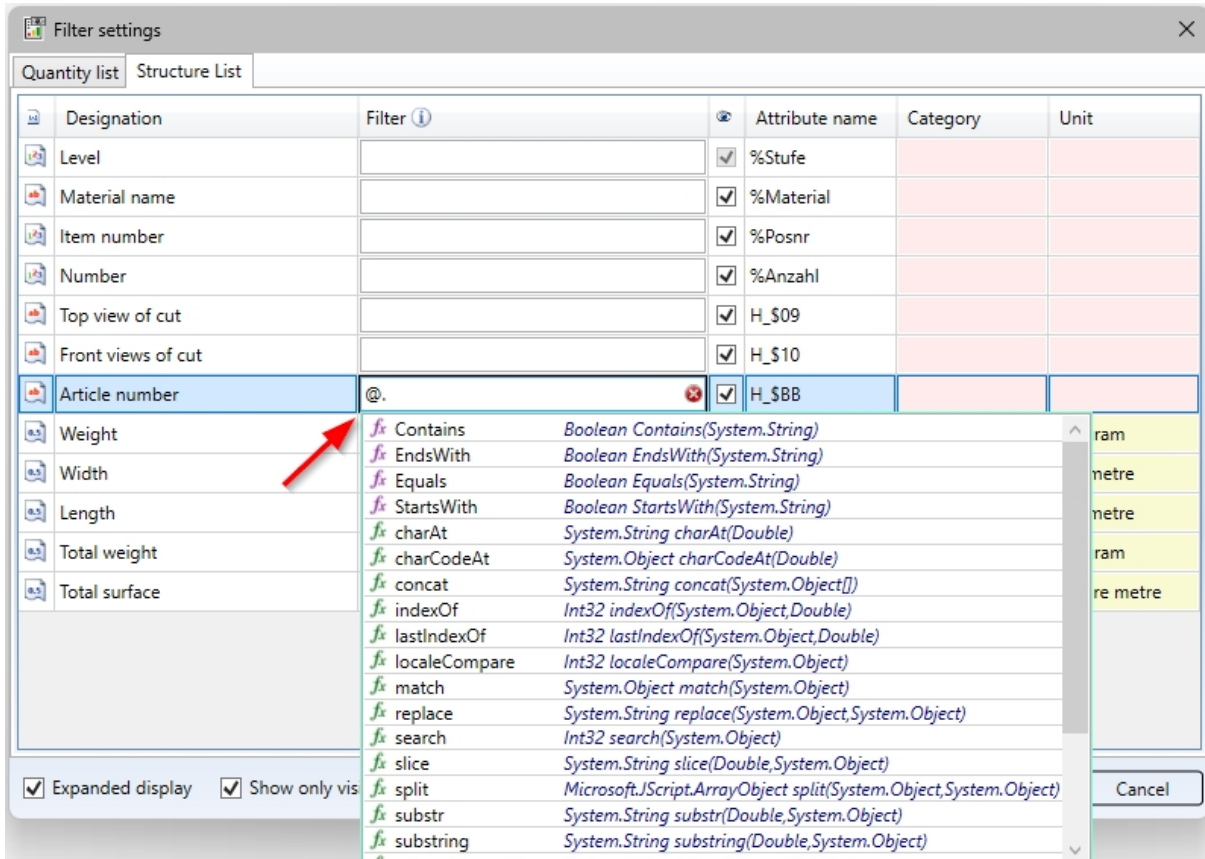
With the new function **Extended settings (Structure list)...** (under Settings) you insert empty rows in the structure list. You can determine the level up to which empty rows are to be inserted. In the output, the empty rows are taken into account in all selected formats.



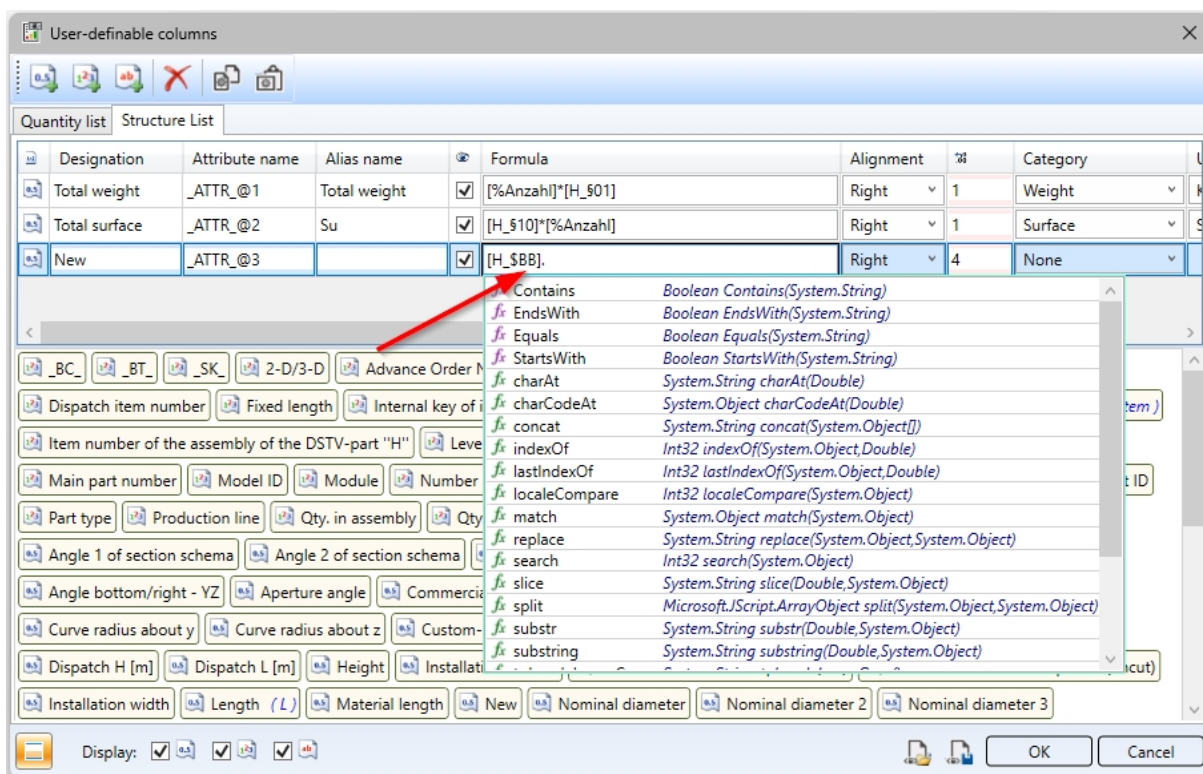
Empty row after each 1st and 2nd level of structure list

## Auto-completion

The auto-completion of formulas in the **Filter settings** and in the **User-definable columns** is displayed after entering a point. The complete list appears when pressing the key combination **ALT + space bar**.



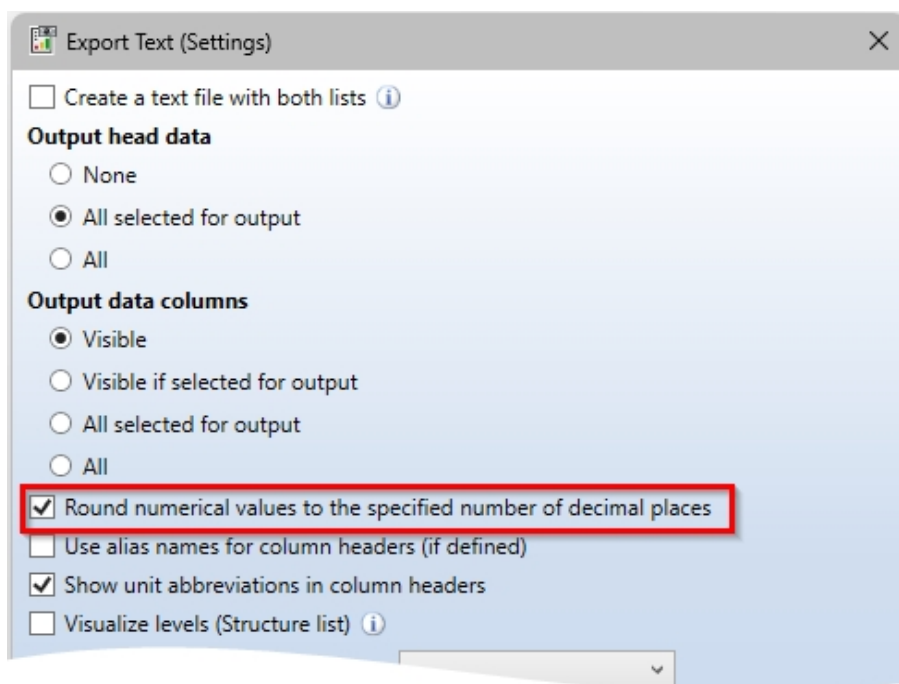
Placeholder and dot for displaying conditions



Dot for selection for formula creation

### Round decimal places

In the settings for the output of XML, text and HTML BOMs, the option **Round numerical values to the specified number of decimal places** is now available. This means that if you have specified a number of decimal places for the **Column** in the Column settings, the value is rounded to this number when creating the BOM.



Settings for exporting the text BOM

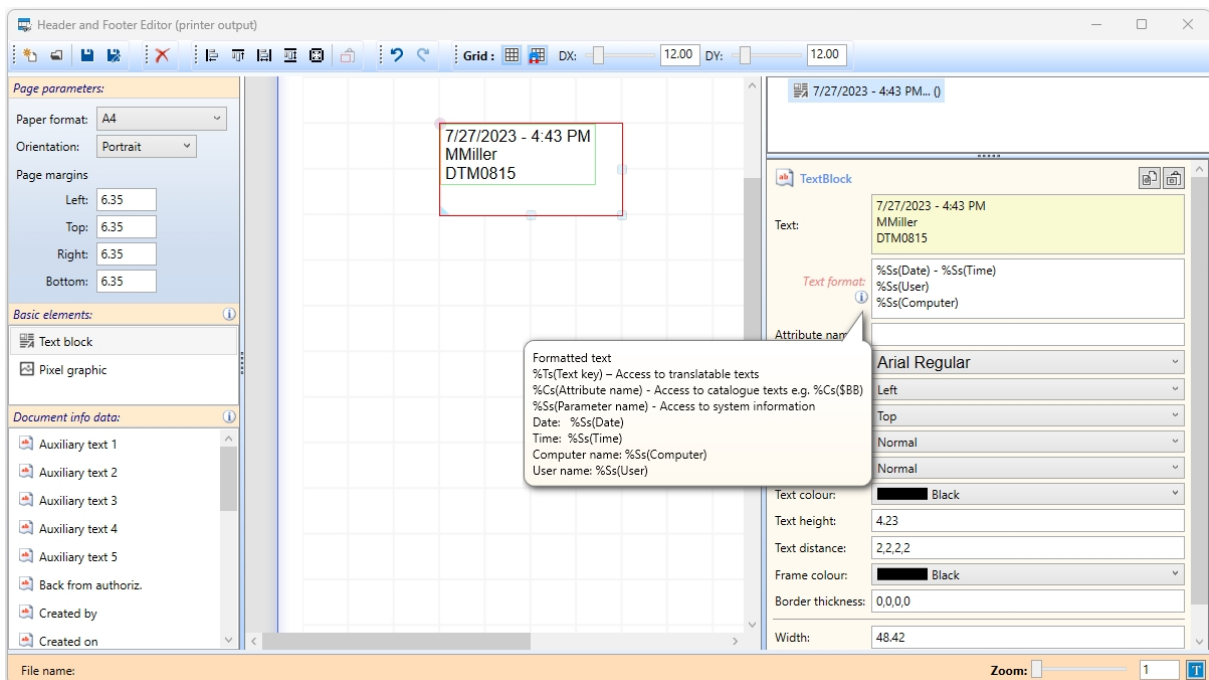
## Header and Footer Editor

In the **Header and Footer Editor**, placeholders for date, time, user name and computer name are now supported for printer output.

Input:

- Date: %Ss(Date)
- Time: %Ss(Time)
- User name: %Ss(User)
- Computer name: %Ss(Computer)

Simply drag the **Text block** (in the area: Basic elements) into the **Workspace** and enter the placeholder for accessing the system information in the **Text formatting** field on the right.



New in the Excel BOM templates for Steel Engineering (HiCAD\_Stahlbau.DE2900.0.XLSX) is the **Profile structure list**. With this list, parts/profiles of the same type are grouped together and output in a structure list. The profile structure list is a mixture of structure list and total profiles list and is suitable for the combination of Steel Engineering and Profile Installation, e.g. in hall construction.

With the Excel BOM template for Steel Engineering (HiCAD\_Stahlbau.DE2900.0.XLSX) you can output images for steel plates on the **Steel plates and metal sheets with image** worksheet from HiCAD 2024.

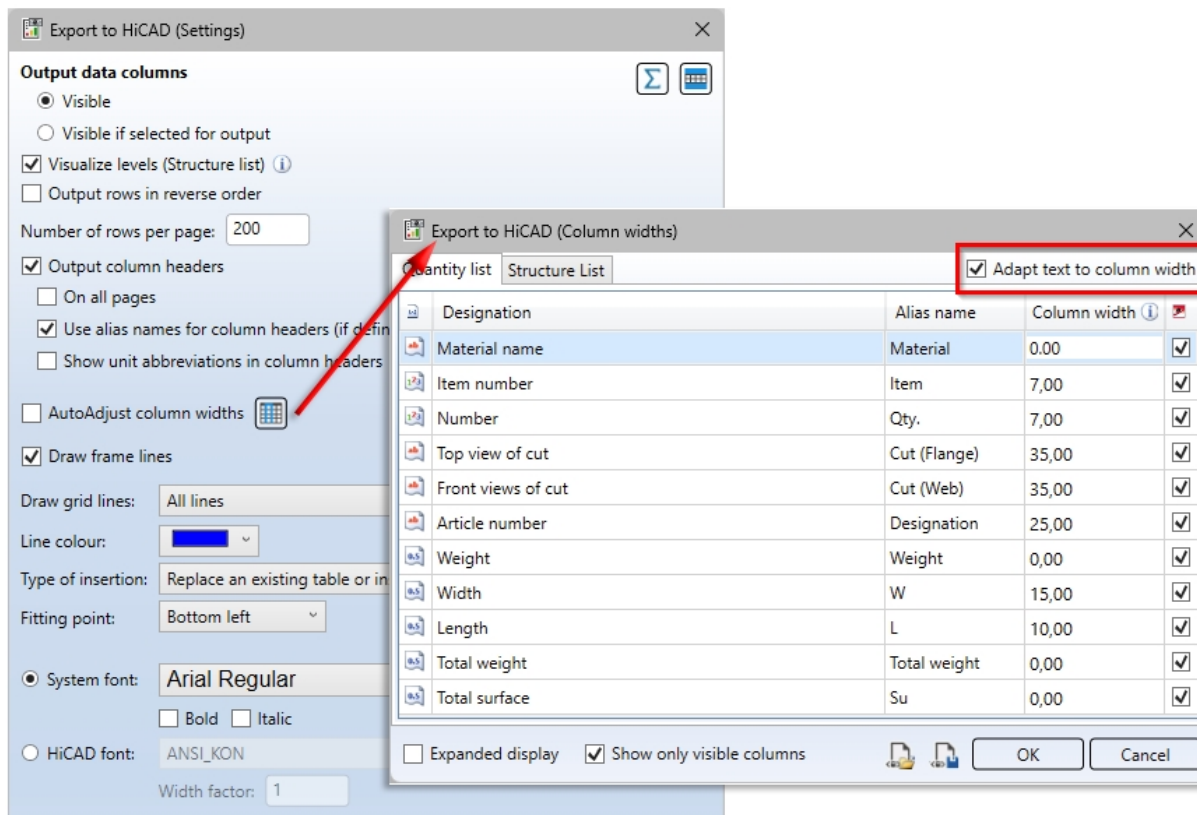
## BOMs for HiCAD

### Canceling the insertion of the BOM

In the export settings of BOMs for HiCAD, you can specify the number of lines to be output per table page. The table pages must then be placed individually in the drawing. In HiCAD 2024 you can cancel this process with a right click.

### Adjust text lengths

In the settings for exporting BOMs to HiCAD, you now have the option of adjusting texts to the column width.




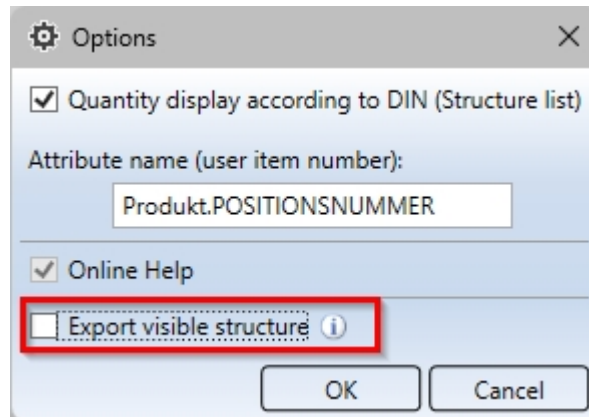
Activate the checkbox  if texts that are too long for the specified column width are to be shortened.

0	1	U 300	15...	100,0	-----\ 16.4°	-----
0	1	U 300	41...	100,0	16.4° /-----\ 28.6°	-----
0	1	U 300	24...	100,0	28.6° /-----	-----
0	1	U 300	10...	100,0	-----	-----
0	1	U 300	15...	100,0	16.4° /-----	-----
0	1	U 300	41...	100,0	28.6° /-----\ 16.4°	-----
0	1	U 300	24...	100,0	-----\ 28.6°	-----
0	1	Rohr 48.3x2.6	41...		-----	16.4° /-----
0	1	Rohr 48.3x2.6	96...		-----X ?	32.9° /-----X ?
0	1	Rohr 48.3x2.6	95...		-----X ?	-----X ?
0	1	Rohr 48.3x2.6	41...		-----	-----\ 16.4°
0	1	Rohr 48.3x2.6	96...		-----X ?	32.9° /-----X ?



## Transfer visible structure list

In the **Options**  , the new setting **Export visible structure** is now available. By activating this option, the structure list will be handled as with the export in the old Report Manager. This means that the collapsed rows are not taken into account for the export or for the column totals. The option is deactivated in the ISD default setting.



## Use in the HDE reports

Within the HDE reports you can specify which RMS file (old Report Manager) should be used. From HELiOS 2024 you can also use the new RM\_SETTINGS files and thereby start the new Report Manager (from 2023).

# HELiOS Spooler

## Service Pack 1 2024 (V 2901)

### HELiOS Spooler Admin Tool without Windows administration authorization

In previous versions, the **HELiOS Spooler Admin Tool** had to be started in the service context with Windows administration authorization.

To avoid having to set up HELiOS Spooler administrators as Windows administrators, the admin tool can now also be started without the necessary Windows administrator rights.

This results in the following new runtime behaviour of the tool:

- If the HELiOS Spooler is running interactively, all functions are active, including the option to start/stop and customize options.
- If the HELiOS Spooler is set up as a service, all functions except start/stop are active. It is not possible to stop and restart it in this situation.

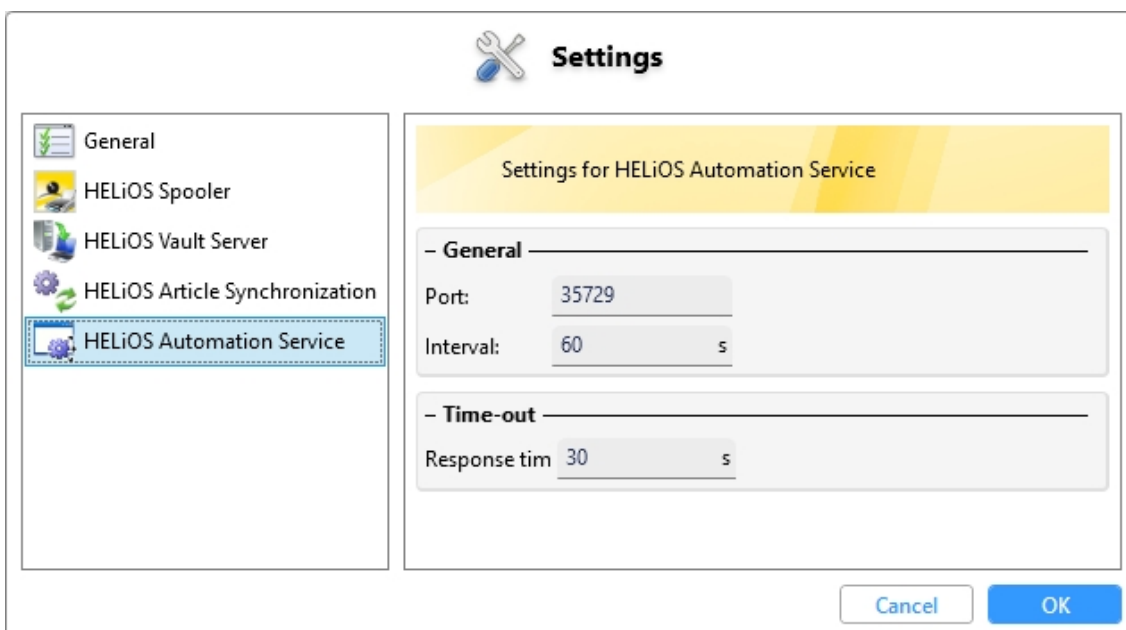
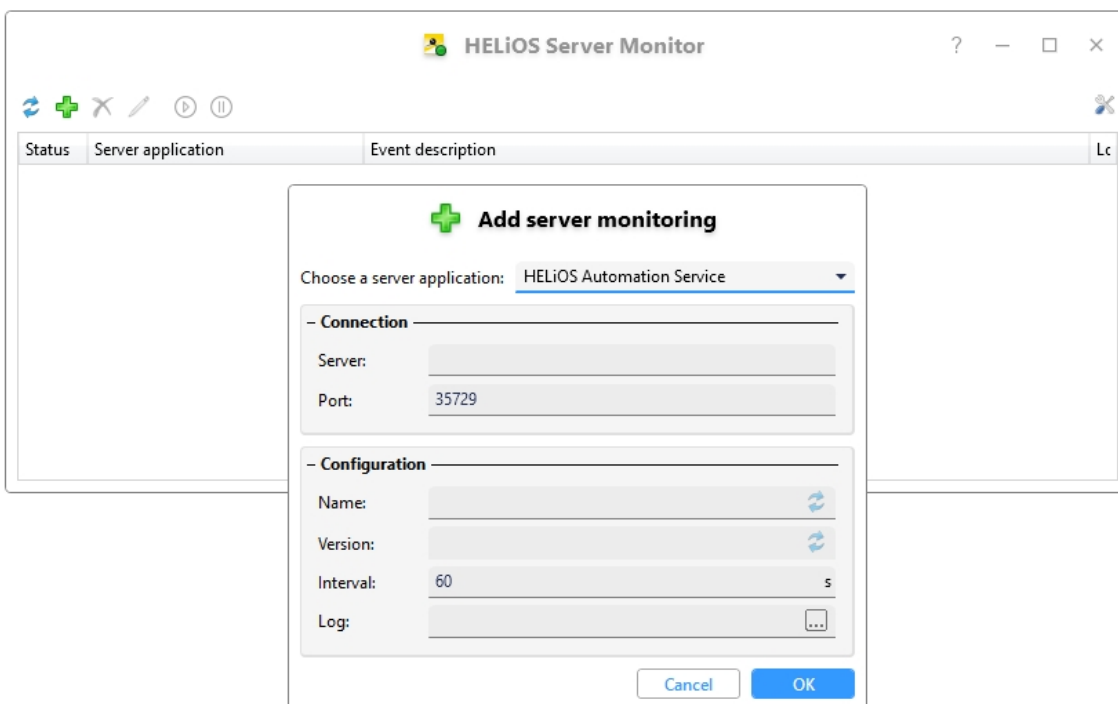
# HELiOS Vault Server

## Major Release 2024 (V 2900)

### Server Monitor: HELiOS Automation Service

The **HELiOS Server Monitor** has been extended with the menu item **HELiOS Automation Service** by the possibility to monitor the running of the server service Helios.ErpService.exe.


This controls ERP interfaces and other tasks.



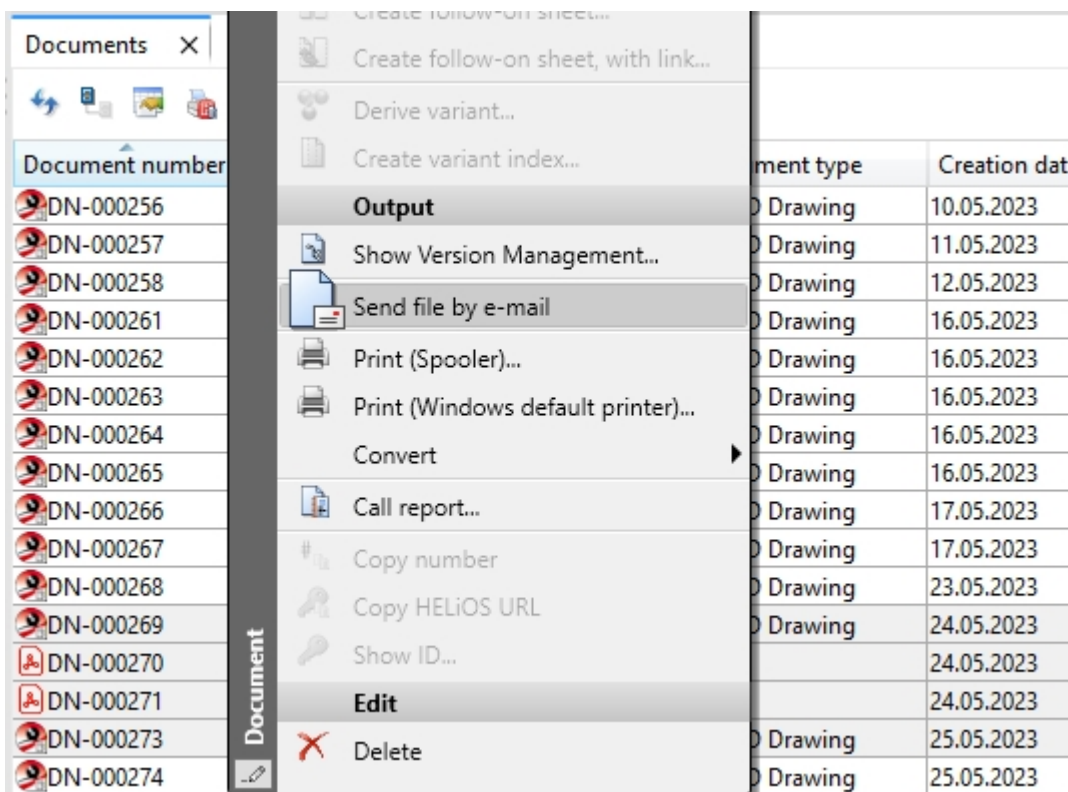
# HELiOS MS Office Interface

## Major Release 2024 (V 2900)

### Send file by e-mail

Both via the context menu of document result lists in HELiOS and from document detail windows, you have the option of sending corresponding files via the function  **Send file by e-mail ...** to the standard e-mail programme in your local system.

The range of settings and functions has been improved and simplified in HELiOS 2024.



Send file as mail attachment

The file name can be set for the selected document masters. The file name for further files, which are also considered e.g. due to the document or model structure, cannot be influenced.

**Send by e-mail**

Options:

As ZIP archive ZIP archive name .....zip

Standard

Send		Document number	In	Generated file name	Extensio	Article	Project	Folder
<input checked="" type="checkbox"/>		DN-000001		DN-000001--PN-01-06-K-SN	sza	SN-000001	PN-01-06-K	AN-100/06
<input checked="" type="checkbox"/>		DN-000002		DN-000002--PN-01-06-K-SN	kra	SN-000002	PN-01-06-K	
<input checked="" type="checkbox"/>		DN-000003		DN-000003--PN-01-06-K-SN	sza	SN-000002	PN-01-06-K	
<input checked="" type="checkbox"/>		DN-000275		DN-000275--PN-01-06-K-SN	sza	SN-026123	PN-01-06-K	
<input checked="" type="checkbox"/>		DN-000300		DN-000300--PN-01-06-K--	docx		PN-01-06-K	
<input checked="" type="checkbox"/>		DN-000320		DN-000320--PN-01-06-K--	txt		PN-01-06-K	

Number of records: 6


Generated file name: ISD\_Mapping\_02  Replace invalid characters with underscore.

Cancel OK

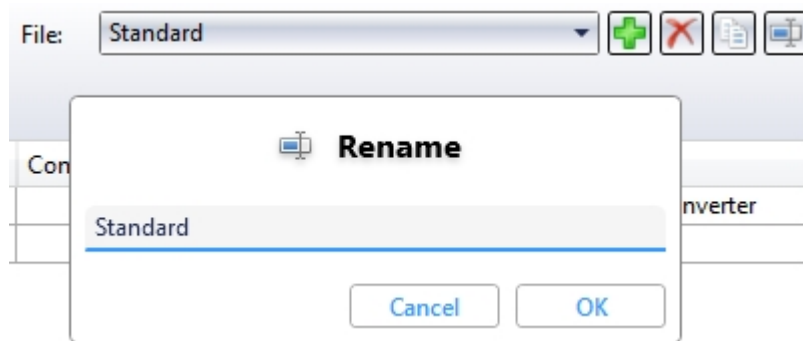
# HELiOS CAD/CAE Integrations

## Service Pack 1 2024 (V 2901)

### Deleting and renaming attribute assignments

Attribute assignments, such as those that can be set for the transfer of data from CAD systems to HELiOS with the **New in HELiOS**  function, can also be renamed from Service Pack 1 of HELiOS 2024.

To do this, click on the new **Rename configuration file**  button in the overview window of the corresponding attribute assignments for the active **File**. A corresponding input dialogue for changing the name opens:



In previous versions, the preset attribute assignment under the name **Standard** could not be deleted. As of the current version, this can not only be renamed, but also deleted, provided that at least one other attribute assignment has been entered in the system. If there is only one attribute mapping in the system, this cannot be deleted.



#### Please note:

- The mapping of the Multi-CAD configuration file **Synchronization** may still not be deleted.
- In the event that users manually empty the list of attribute assignments (e.g. by editing the corresponding XML files), HELiOS automatically creates the default mapping from the installation state when it is started. This ensures that all dialogues work.




# HELiOS in HiCAD

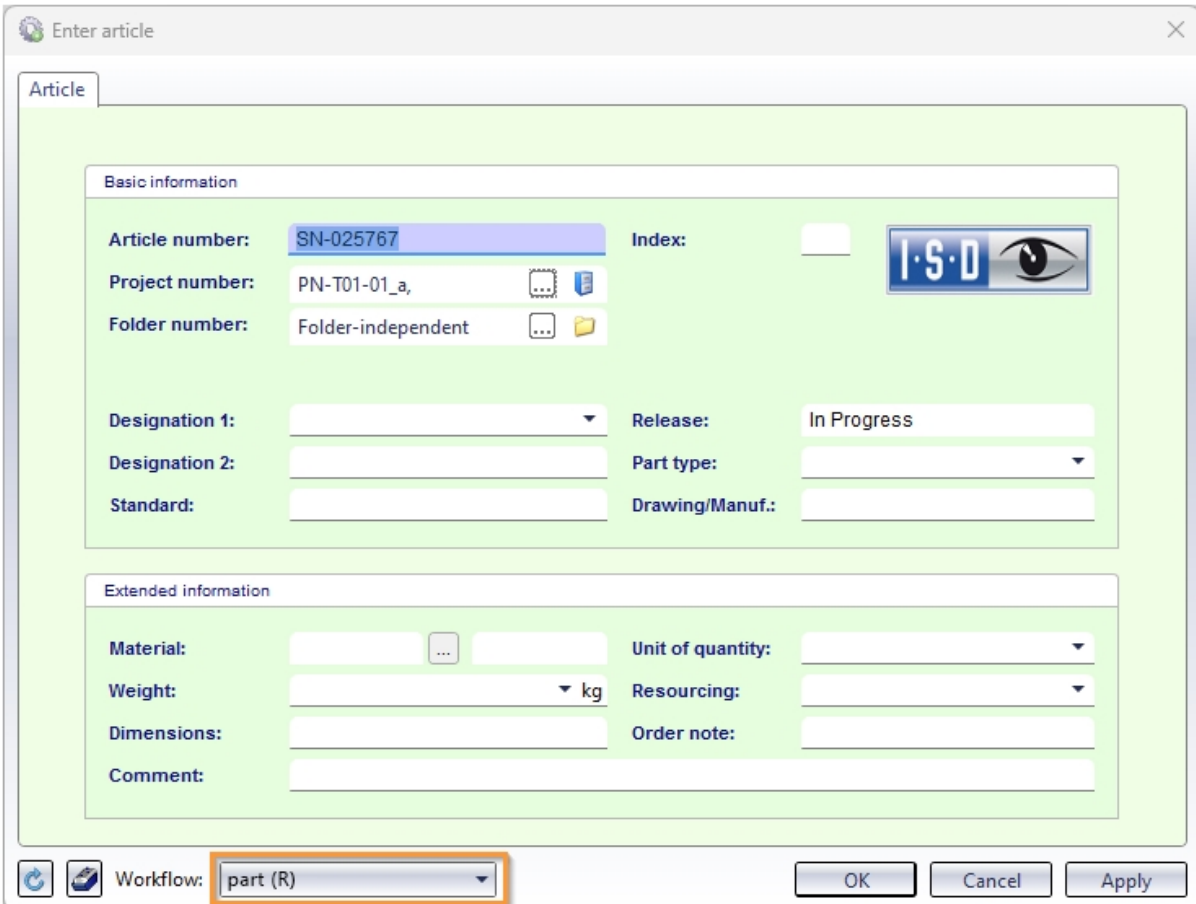
## Service Pack 1 2024 (V 2901)

### Workflow selection

In earlier HiCAD versions, a dialogue for workflow selection appeared first when calling up new Drawing functions,

e.g. **New drawing with database, with new article master**  zunächst ein Dialog zur Workflowauswahl.

As you can now find a pull-down workflow selection at the bottom of an input window, this unnecessary intermediate step has been removed.



The prerequisite for a selection option is, of course, that more than one workflow exists in the system for the corresponding object type.

### HiCAD 3-D annotation with HELiOS data

As of HiCAD 2024 SP1, HELiOS data is saved in annotations with the drawing. This data is then used when working without HELiOS. This also applies if a different sheet is printed via the Plot Manager (from HiCAD 2024 SP1) than the sheet that was active when the drawing was saved. Previously, the HELiOS data was missing in the annotation tags in this case.

Please note that this change does not affect existing drawings. These must first be saved again.

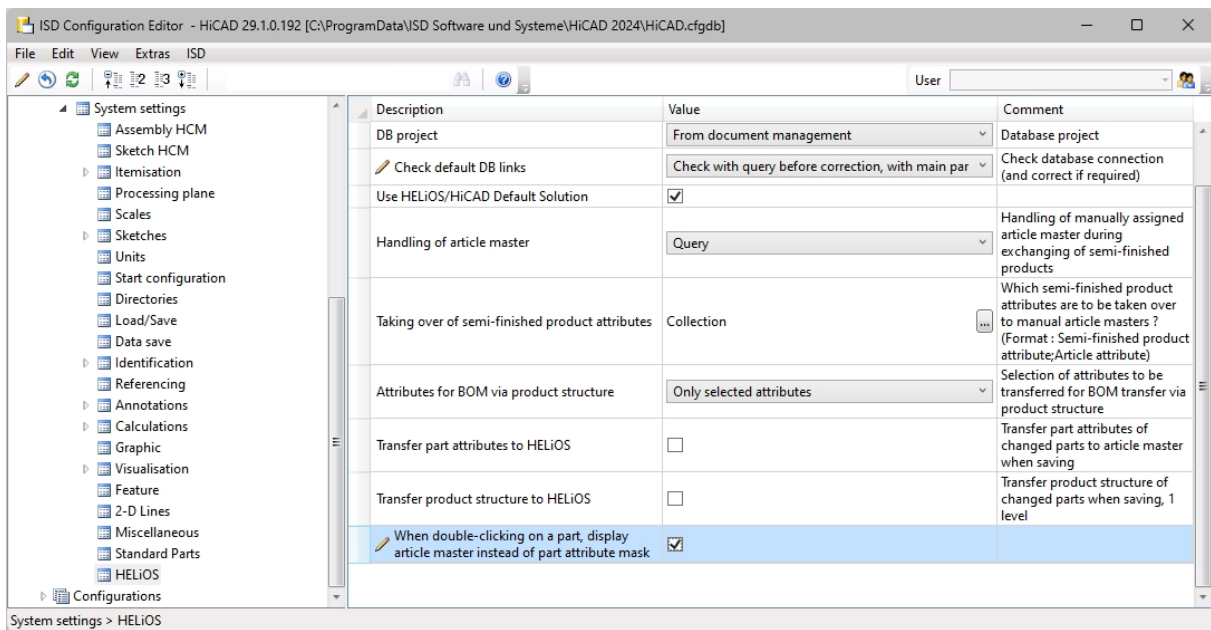
## Major Release 2024 (V 2900)

### Performance

By reducing HELiOS queries when loading drawings, a significant performance increase in the HiCAD/HELiOS interaction could be achieved.

### Article master display by double-click

Up to now, double-clicking on a part in the drawing or in the ICN called up the **Part attributes** dialogue window. As of HiCAD 2024, the article master can now be displayed alternatively when using HELiOS. This can be set in the Configuration Editor at **System settings > HELiOS**.



If the checkbox is active and the clicked part does not have an article master, the **Part attributes** dialogue window is automatically displayed.

## HELiOS for AutoCAD

Major Release 2024 (V 2900)

AutoCAD 2024

HELiOS 2024 supports the latest version of AutoCAD and AutoCAD Mechanical.

# HELiOS for Autodesk Inventor

Major Release 2024 (V 2900)

Inventor 2024

With HELiOS 2024, the current Inventor Version 2024 is also supported.

# Navisworks Interface

Major Release 2024 (V 2900)

Navisworks 2024

HELIOS 2024 supports the current Navisworks Version 2024.



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