HiCAD 3D 2027

Product Renaming

Version 2027

Date of issue: 23/11/2026

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Product Renaming to HiCAD 3D

From Version 2027 onwards, **HiCAD** is the collective name for our product family. The CAD system is called **HiCAD 3D**. The PDM system, previously known as HELiOS, is now called **HiCAD PDM**. Both products remain unchanged; what is new are the names and the places where these names appear: programme files, the Start menu, directories and settings.

Why is HELiOS now becoming HiCAD PDM?

With this renaming, we are bringing our product range together under a single brand. In future, HiCAD will represent our engineering solutions as a unified product family. Alongside HiCAD 3D for drawing, HiCAD PDM will stand for data and document management.

The new name thus makes it clear at a glance what the solution does and how it relates to HiCAD 3D. At the same time, we are creating a clear and future-proof structure for the further development of our product portfolio. The name change does not imply a change of product. The familiar PDM solution and its functions remain unchanged. We are simply organising them more clearly within our unified HiCAD product portfolio.

We have also ensured greater clarity at the component level: purely technical designations have been replaced by descriptive names that reveal at a glance which component – and which functionality – lies behind them.

Key points at a glance

What has changed?	What does this mean for you?	Details
Many program files (EXE) have been renamed.	Customise calls in task scheduling, scripts and your own links.	**Executable files**
ISD Software und Systeme has been replaced by Hicad in file paths and in the registry.	Settings and data are now stored in a new location.	**Data in the user profile**, **Common program data**
The registry has a new structure.	Customise your own REG files, scripts and group policies.	**Registry (HKLM)**, **Registry (HKCU)**
The installation log is now called **HicadInstall.log**.	You can find them in the shared program data at **%ProgramData%\Hicad\Install**.	**Evaluation of log files**
Update any references to the previous licence directory	Update any references to the previous licence directory	**License path**
Files in the sys directory containing "HELiOS" in their names have been renamed or removed.	Transfer your customisations to the files with the new names.	**Customisations**
The Start menu contains the groups HiCAD 3D and HiCAD PDM.	The HiCAD 3D programs can be found in the group "HiCAD 3D".	**Start menu**

This document describes the changes in HiCAD 3D. The renaming of HELiOS to HiCAD PDM is covered in the document "New Features in HiCAD PDM 2027".

Effects on New Installations

During a new installation, the setup program creates the new registry keys under **HKLM\SOFTWARE\Hicad**. The configuration database is located in the shared program data at **%ProgramData%\Hicad\Cad\32\Configuration\HiCAD.cfgdb**; the path is stored in the registry value **CfgDbPath** under **HKLM\SOFTWARE\Hicad\Cad\Hicad\32.0.0**. When the programs are launched for the first time, they store your personal data and settings in the user profile under **%AppData%\Hicad\Cad\32**.

Effects on Update Installations

Area	Behaviour during update
Configuration Database	The configuration database remains in its previous location, e.g., **%ProgramData%\ISD Software und Systeme\HiCAD 2026\HiCAD.cfgdb**. The new path **%ProgramData%\Hicad\Cad\32\Configuration** applies only to new installations.
HiCAD 3D user settings in the registry (HKCU), e.g., ribbon, quick access toolbar, settings, and recently opened files	Upon first launch, the settings from **ISD Software und Systeme\HiCAD 2026** are transferred once to **Hicad\Cad\32**; all subkeys remain unchanged.
OpenGL settings	Upon first launch, the settings from **ISD Software und Systeme\ISD 2026\OpenGL** are transferred once to **Hicad\Cad\32\OpenGL**.
Redline	Existing settings (most recently opened files, window position, toolbars) are transferred once from **ISD Software und Systeme\HiCAD 3D Redline** to **Hicad\Cad\Redline**.
Files in the sys directory that were adjusted by the customer	After the update, renamed files (e.g. **hicad_helios_title.hdb** or **Hicad-Helios_DS.dat**) will no longer be read. Transfer your customizations to the files with the new names.
Old directories	Directories such as **ISDFilePrinter** remain, but are no longer used.

Start menu

The previous **ISD Software und Systeme** program group in the Windows Start Menu has been replaced by the groups **HiCAD 3D** and **HiCAD PDM**. You can find the HiCAD 3D programs in the group **HiCAD 3D**.

Windows Tasks, Scripts, and Links

Update any references to the old file names in the Windows Task Scheduler, in batch files, and in your own links. This also applies to scripts that compare file names with case sensitivity.

To launch HiCAD 3D, use the file **Hicad3d.exe**. It launches HiCAD 3D with the startup screen; **Hicad.exe** launches HiCAD 3D without the startup screen.

Registry initializations and group policies

If registry values are distributed via custom REG files, scripts, installation templates, or group policies, they will have no effect after the migration: The root **ISD Software und Systeme** has been replaced by **Hicad**, and beneath it are **Cad**, **Pdm**, **License**, as well as the overarching nodes **Install** and **FilePrinter**. The HKLM entries are written by the setup program, and the HKCU entries are written by the applications at runtime. A policy that continues to write to the old structure will have no effect. Therefore, adapt your REG files, scripts, and Group Policies to the new structure.

Analysis of log files

The installation log is now named **HicadInstall.log** and is located under **%ProgramData%\Hicad\Install** (previously isdinstall.log). The setup, parameter configuration (Administrator), catalog update, and configuration database update also now write their logs there. The file **cfgdbupdate_uservals.log** is also located there.

License path

The license directory is now located at **%ProgramData%\Hicad\License\[filename]** (previously **%ProgramData%\ISD Software und Systeme\ISDLizenz\[filename]**), and the license path file is located at **%ProgramData%\Hicad\License\IsdLicPath**. HiCAD's license management now reads only this path.

Customizations to files in the sys directory

The term HELiOS has been removed from the filenames in the sys directory. If you have modified any of the following files, your version will no longer be recognized after the update. Transfer your customizations to the file with the new name.

File name (old)	File name (new)	Purpose
hicad_helios_title.hdb	**PdmTitle.hdb**	PDM Attributes in the title bar of the HiCAD main window
Hicad-Helios_DS.dat	**PdmDocumentDefaults.dat**	Initialization of the PDM document master mask when creating a new entry
Hicad-Helios_TS.dat	**PdmArticleDefaults.dat**	Initialization of the PDM article master mask
attrhelioscad.dat	**attrpdmcad.dat**	Attribute mapping: PDM > CAD
DbPlantDataImportConfig.xml	**PlantDataImportConfig.xml**	Configuration of the pipeline construction data import
HELiOS_Sachnummer.ftd, **HELiOS_Sachnummer_Positionsnummer.ftd**	**Pdm_Sachnummer.ftd**, **Pdm_Sachnummer_Positionsnummer.ftd**	Annotation templates

If you use your own macros that open **Hicad-Helios_DS.dat** or **Hicad-Helios_TS.dat** with the OPEN command, please update the file names accordingly.

The **HELIOSON.mac** macro has been removed without replacement. If your own macros call this macro, remove that call.

Checklist for the switch

Before upgrading to HiCAD 3D 2027, please check the following points:

Where to check?	What needs to be done?
Windows Task Scheduler, batch files, scripts, custom links	Replace references to old program file names with the new names
Custom REG files, scripts, group policy	Update entries under **ISD Software und Systeme** to match the new registry structure
Scripts, data backups, software deployment	Update fixed paths in **%AppData%** und **%ProgramData%** to the new paths
Monitoring and support processes	Replace **isdinstall.log** with **%ProgramData%\Hicad\Install\HicadInstall.log**
Custom modifications in the sys directory	Apply the changes to the files with the new names
Custom macros	Update references to renamed sys files; remove references to **HELIOSON.mac**
FilePrinter	Replace references to **ISDFilePrinter** with **%ProgramData%\Hicad\FilePrinter**

Renamed Files in Detail

Executable files

Programs you are familiar with

You can launch the following programs from the Start menu, via links, or from the Task Scheduler. The table is sorted by the old file name. Additional renamed programs that you typically do not launch yourself are listed in the **Appendix**.

File name (old)	File name (new)	Component name
ABWEditor.exe	AllowanceEditor.exe	Allowance-Editor (ABW)
AnlAccessoryManager.exe	AccessoryManager.exe	Accessory Manager
AnlPipeClassEdit.exe	PipeClassEditor.exe	Pipe Class Editor
AnPaaEdit.exe	PaaEditor.exe	PAA Editor
cateditor.exe	CatalogueEditor.exe	Catalogue Editor
CfgDbTool.exe	ConfigDatabaseUpdate.exe	Config Database Update
Converter_FIG_To_FGA.exe	FigToFgaConverter.exe	FIG to FGA Converter
DbPlantDataImport.exe	PlantDataImport.exe	Plant Data Import
dstv_stueckliste.exe	DstvBom.exe	DSTV BOM
EditPID.exe	PidEditor.exe	P&ID Editor
HiCAD.Task.App.exe	CadTaskStarter.exe	CAD Task Starter
HiCAD2026.exe	Hicad3d.exe	HiCAD 3D
HicadBIMConfig.exe	DrawingManagementConfig.exe	Drawing Management Configuration
hicadcontrol.exe	CadControl.exe	CAD Control
hicadprint.exe	PlotfilePrint.exe	Plotfile Print
HiCADViewer.exe	Viewer.exe	Viewer
hieinstellungen.exe	LocalCadSettingsEditor.exe	Local CAD Settings Editor
hiredline.exe	Redline.exe	Redline
ISDConfigEditor.exe	CadConfigEditor.exe	CAD Configuration Editor
ISDFileUpload.exe	FilecenterUpload.exe	Filecenter Upload
ISDReportManager.exe	ReportManager.exe	Report Manager
ParKonfigComp.exe	ParameterConfigAdministrator.exe	Parameter Configuration (Administrator)
ParKonfigUser.exe	ParameterConfigUser.exe	Parameter Configuration (User)
PartDataAutoSync.exe	PartDataSynchronisation.exe	Part Data Synchronisation

File name (old)	File name (new)	Component name
SmCostConfig.exe	SheetMetalCostConfig.exe	Sheet Metal Cost Configuration
VAD_Editor.exe	VadEditor.exe	VAD Editor
VariantenEditor.exe	VariantEditor.exe	Variant Editor
VarToCat.exe	VariantToCatalogue.exe	Variant to Catalogue
WBEdit.exe	DictionaryEditor.exe	Dictionary Editor

Spelling changed

For the following files, only the case has changed. Windows does not distinguish between uppercase and lowercase letters in filenames; calls using the previous spelling will continue to work. This affects only scripts that check filenames using an exact case-sensitive comparison.

File name (old)	File name (new)	Component name
cataloguemaker.exe	CatalogueMaker.exe	Catalogue Maker
catalogueupdate.exe	CatalogueUpdate.exe	Catalogue Update
HiCAD.exe	Hicad.exe	HiCAD 3D
LVDxmlToABWConverter.exe	LvdXmlToAbwConverter.exe	LVD XML to ABW Converter
ssconvert.exe	SsConvert.exe	- (Command Line)

New in HiCAD 3D 2027

File name	Component name
PlantPartsPdmCompare.exe	Plant Parts PDM Compare

Data in the user profile

In the user profile (folder **%AppData%\Roaming**), **Hicad** replaces the previous “ISD Software und Systeme” folder. The groups **Cad**, **Pdm**, and **License** are located in parallel beneath it; cross-program files and data are located directly under **Hicad**. Plane **32** stands for the major version 32.0.

alt (%AppData%\ISD Software und Systeme\)	new (%AppData%\Hicad\)
HiCAD 2026\	Cad\32\
ISD 2026\Material	Cad\32\Material

Shared program data

The same structure applies to the shared program data for all users (folder **%ProgramData%**).

alt (%ProgramData%\ISD Software und Systeme\)	new (%ProgramData%\Hicad\)
HiCAD 2026\	Cad\32\

alt (%ProgramData%\ISD Software und Systeme\)	new (%ProgramData%\Hicad\)
ISDLizenz\[File name]	License\[File name]

Registry: Entries for all users (HKLM)

HKLM stands for HKEY_LOCAL_MACHINE, the system-wide branch of the registry. These entries apply to all users of the computer and are written by the setup program. The root **Software\Hicad** replaces “ISD Software und Systeme”; below it, **Cad**, **Pdm**, and **License** are grouped. Cross-application entries (Install, FilePrinter) are located directly under **Hicad**.

alt (HKLM\SOFTWARE\ISD Software und Systeme\)	new (HKLM\SOFTWARE\Hicad\)
HiCAD\2902.7, HiCAD\30.0.1 (Schlüssel je bisheriger Versionsnummer)	Cad\Hicad\32.0.0
HiCAD Spooler	Cad\Worker
HiCAD Viewer	Cad\Viewer
ISD FilePrinter	FilePrinter (directly beneath Hicad\)
License	License, License\32.0.0

Registry: Entries for the logged-in user (HKCU)

HKCU stands for HKEY_CURRENT_USER, the user-specific branch of the registry. The entries apply only to the logged-in user and are written by applications at runtime.

alt (HKCU\SOFTWARE\ISD Software und Systeme\)	new (HKCU\SOFTWARE\Hicad\)
HiCAD 2026	Cad\32
ISD 2026\OpenGL	Cad\32\OpenGL
License	License\32.0.0

Files in the sys directory: New names

File name (old)	File name (new)	Comment
DbPlantDataImportConfig.xml	PlantDataImportConfig.xml	Plant Data Import configuration
attrhelioscad.dat	attrpdmcad.dat	Attribute mapping PDM > CAD
attrcadhelios.dat	attrcadpdm.dat	Attribute mapping CAD > PDM
HELiOS_Sachnummer.ftd	Pdm_Sachnummer.ftd	Annotation template with the article number from the PDM article. The file name appears in the item number dialogue

File name (old)	File name (new)	Comment
		window.
HELiOS_Sachnummer_Positionsnummer.ftd	Pdm_Sachnummer_Positionsnummer.ftd	As above, but with item number as well
Hicad-Helios_DS.dat	PdmDocumentDefaults.dat	Initialization of the PDM document master screen when creating a new entry
Hicad-Helios_TS.dat	PdmArticleDefaults.dat	Initialization of the PDM article master mask
hicad_helios_title.hdb	PdmTitle.hdb	PDM attributes in the title bar of the HiCAD main window

Appendix: Other Programs

The following programms have also been renamed. They are usually launched in the background by other programs, or serve as interfaces or perform specialised tasks. Programs without component names are internal utility programs. The table is sorted by the old file name.

File name (old)	File name (new)	Component name
HiCADFunctionSearch.exe	FunctionSearch.exe	Function Search
HiCADGUICreatorApp.exe	GuiCreator.exe	GUI Creator
HicadGuiReset.exe	GuiManagement.exe	GUI Management
hicadimageinterface.exe	ImageInterface.exe	-
HiCADMsgBoxApp.exe	MsgBoxApp.exe	-
HiCADPoint3DConnector.exe	FaroAsBuiltConnector.exe	FARO As-Built Connector
hicadprintinterface.exe	PlotfilePrintInterface.exe	Plotfile Print Interface
HicViewerOutProcServer.exe	ViewerOutProcServer.exe	-
ISD.ScriptEditor.exe	ScriptEditor.exe	Script Editor
ISDLogFileViewer.exe	LogFileViewer.exe	Log File Viewer
isdmkarchiv.exe	MakeArchive.exe	-
isdmkjpeg.exe	MakeJpeg.exe	-
ISDRepManOutProcServer.exe	ReportManagerOutProcServer.exe	-
licenceeditor.exe	LicenseEditor.exe	-
PlantPartsQueryApp.exe	PlantPartsQuery.exe	-
VarTranslate.exe	VariantTranslate.exe	-

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All locations and contact details at a glance:

ISD Software und Systeme GmbH

Hauert 4

D-44227 Dortmund

Phone +49 231 9793-0

info@isdgroup.com

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