



Installation Notes

System requirements Installation guide Licensing Update Information First Steps

- THE WORLD OF CAD AND PDM SOLUTIONS



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Legal notes

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2



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4



Installation Notes

THE WORLD OF CAD AND PDM SOLUTIONS



1	Important Installation Information	8
1.1	Hardware Requirements for HELiOS	8
1.2	System Requirements for HELiOS Database	
1.3	Hardware Requirements License Server	
1.4	Hardware Requirements Vault Server	
1.5	Hardware requirements SmartSearch	
1.6	System Requirements HELiOS Internet Server	14
1.7	Hardware Requirements HELiOS Spooler	
1.8	Compatibility Matrix	
2	Installation	
2.1	Installing HELiOS	
2.2	Installing the Online Help	25
2.3	Installing the Vault Server	27
2.4	Installing the HELiOS Internet Server	
2.5	Installing the HELiOS Database Creator	
2.6	Installing the HELiOS Spooler	
2.7	Installation of the EPLAN Article Synchronization	
2.8	Parameter Configuration	
3	Procedure for Silent Installations	
3.1	Installation Settings	
	3.1.1 Redistributables	
	3.1.2 Starting the installation in the Slient Mode	
	2.1.2 Example of a Datab Installation incl. Dadiatributables and log	4.4
	3.1.3 Example of a Batch Installation incl. Redistributables and Log	
4	3.1.3 Example of a Batch Installation incl. Redistributables and Log	
4 4.1	3.1.3 Example of a Batch Installation incl. Redistributables and Log Important Notes on Updates Updating the HELiOS Database	
4 4.1	 3.1.3 Example of a Batch Installation incl. Redistributables and Log Important Notes on Updates Updating the HELiOS Database 4.1.1 Important Hints before Update 	
4 4.1	 3.1.3 Example of a Batch Installation incl. Redistributables and Log Important Notes on Updates Updating the HELiOS Database	
4 4.1	 3.1.3 Example of a Batch Installation incl. Redistributables and Log Important Notes on Updates Updating the HELiOS Database	
4 4.1 4.2	 3.1.3 Example of a Batch Installation incl. Redistributables and Log Important Notes on Updates Updating the HELiOS Database	
4 4.1 4.2 4.3	 3.1.3 Example of a Batch Installation incl. Redistributables and Log Important Notes on Updates Updating the HELiOS Database	
4 4.1 4.2 4.3 4.4	 3.1.3 Example of a Batch Installation incl. Redistributables and Log Important Notes on Updates	
4 4.1 4.2 4.3 4.4 5	 3.1.3 Example of a Batch Installation incl. Redistributables and Log Important Notes on Updates Updating the HELiOS Database	
4 4.1 4.2 4.3 4.4 5 5.1	3.1.3 Example of a Batch Installation incl. Redistributables and Log Important Notes on Updates	
4 4.1 4.2 4.3 4.4 5 5.1 5.2	3.1.3 Example of a Batch Installation incl. Redistributables and Log. Important Notes on Updates. Updating the HELiOS Database. 4.1.1 Important Hints before Update 4.1.2 Perform Update. 4.1.3 Lower Database Version Required. Material Manager (HiCAD). Licensing for Updates. Perform HELiOS Installation License Installation Guide General Information about Licensing Network Licenses	
4 4.1 4.2 4.3 4.4 5 5.1 5.2	3.1.3 Example of a Batch Installation incl. Redistributables and Log. Important Notes on Updates. Updating the HELiOS Database. 4.1.1 Important Hints before Update	
4 4.1 4.2 4.3 4.4 5 5.1 5.2	3.1.3 Example of a Batch Installation incl. Redistributables and Log. Important Notes on Updates. Updating the HELiOS Database. 4.1.1 Important Hints before Update	
4 4.1 4.2 4.3 4.4 5 5.1 5.2 5.3	3.1.3 Example of a Batch Installation incl. Redistributables and Log. Important Notes on Updates. Updating the HELiOS Database. 4.1.1 Important Hints before Update 4.1.2 Perform Update. 4.1.3 Lower Database Version Required. Material Manager (HiCAD) Licensing for Updates. Perform HELiOS Installation Perform HELiOS Installation Licenses Server Installation Guide Server Installation Server Installation 5.2.1 Server Installation 5.2.2 Client Configuration Licensing via Entitlement ID (License Activator) License Installement ID (License Activator)	
4 4.1 4.2 4.3 4.4 5 5.1 5.2 5.3	3.1.3 Example of a Batch Installation incl. Redistributables and Log. Important Notes on Updates Updating the HELiOS Database 4.1.1 Important Hints before Update 4.1.2 Perform Update 4.1.3 Lower Database Version Required Material Manager (HiCAD) Licensing for Updates Perform HELiOS Installation Perform HELiOS Installation License Installation Guide General Information about Licensing Network Licenses 5.2.1 Server Installation 5.2.2 Client Configuration Licensing via Entitlement ID (License Activator) 5.3.1 AutoRequest Licenses	
4 4.1 4.2 4.3 4.4 5 5.1 5.2 5.3	3.1.3 Example of a Batch Installation incl. Redistributables and Log. Important Notes on Updates. Updating the HELiOS Database. 4.1.1 Important Hints before Update 4.1.2 Perform Update 4.1.3 Lower Database Version Required. Material Manager (HiCAD) Licensing for Updates. Perform HELiOS Installation Eicense Installation Guide General Information about Licensing . Network Licenses 5.2.1 Server Installation 5.2.2 Client Configuration Licensing via Entitlement ID (License Activator) 5.3.1 5.3.2 Activate Licenses	
4 4.1 4.2 4.3 4.4 5 5.1 5.2 5.3	3.1.3 Example of a Batch Installation incl. Redistributables and Log. Important Notes on Updates Updating the HELiOS Database. 4.1.1 Important Hints before Update 4.1.2 Perform Update. 4.1.3 Lower Database Version Required. Material Manager (HiCAD) Licensing for Updates. Perform HELiOS Installation Perform HELiOS Installation License Installation Guide General Information about Licensing Network Licenses 5.2.1 Server Installation 5.2.2 Client Configuration Licensing via Entitlement ID (License Activator) 5.3.1 AutoRequest Licenses 5.3.2 Activate Licenses 5.3.3 Deactivate Licenses	
4 4.1 4.2 4.3 4.4 5 5.1 5.2 5.3	3.1.3 Example of a Batch Installation incl. Redistributables and Log. Important Notes on Updates Updating the HELiOS Database 4.1.1 Important Hints before Update 4.1.2 Perform Update 4.1.3 Lower Database Version Required Material Manager (HiCAD) Licensing for Updates Perform HELiOS Installation Perform HELiOS Installation License Installation Guide General Information about Licensing S.2.1 Server Installation 5.2.2 Client Configuration Licensing via Entitlement ID (License Activator) 5.3.1 S.3.3 Deactivate Licenses 5.3.4 Trial Licenses	
4 4.1 4.2 4.3 4.4 5 5.1 5.2 5.3	3.1.3 Example of a Batch Installation incl. Redistributables and Log. Important Notes on Updates. Updating the HELiOS Database. 4.1.1 Important Hints before Update 4.1.2 Perform Update 4.1.3 Lower Database Version Required. Material Manager (HiCAD) Licensing for Updates. Licensing for Updates. Perform HELiOS Installation License Installation Guide General Information about Licensing Network Licenses S2.2 S2.1 Server Installation Licensing via Entitlement ID (License Activator) 5.3.1 S3.1 AutoRequest Licenses S3.2 Activate Licenses S3.3 Deactivate Licenses S3.4 Trial Licenses S3.5 Reconstruction of Licenses	
4 4.1 4.2 4.3 4.4 5 5.1 5.2 5.3	3.1.3 Example of a Batch Installation incl. Redistributables and Log. Important Notes on Updates. Updating the HELiOS Database. 4.1.1 Important Hints before Update 4.1.2 Perform Update 4.1.3 Lower Database Version Required. Material Manager (HiCAD) Licensing for Updates. Licensing for Updates. Perform HELiOS Installation Perform HELiOS Installation Seneral Information about Licensing Network Licenses 5.2.1 Server Installation Server Installation Licensing via Entitlement ID (License Activator) 5.3.1 AutoRequest Licenses 5.3.2 5.3.1 Deactivate Licenses 5.3.2 Activate Licenses 5.3.3 Deactivate Licenses 5.3.4 Trial Licenses 5.3.5 Reconstruction of Licenses 5.3.6 Notes Regarding the Use of Mobile Computers (Laptops).	

....

6



	5.4.1	Direct Checkout from License Server	63
	5.4.2	Checkout from License Server, Without Network Connection	65
5.5	License C	onfiguration HELiOS	
5.6	Importan	t Softlock/Hardlock Information	
5.7	Theft of a	Workstation	71
6	HELiOS a	t a Glance	72
7	First Step	15	73
7.1	Program	Call	73
7.2	Registrat	ion	74
	7.2.1	Login	74
7.3	The News	window	74
8	How to Us	se the Help	75
8.1	Register	for the ISD Wiki	
9	What's N	ew in HELiOS 2016?	78

- THE WORLD OF CAD AND PDM SOLUTIONS



1 Important Installation Information

Please note:

We recommend deactivating local licenses and network licenses before performing an update/upgrade of the operating system (e.g. from Windows 8 to Windows 10), and activating them again after successful update/upgrade of the operating system.

1.1 Hardware Requirements for HELiOS

For the installation of HELiOS you may use any hardware possessing current drivers for the operating systems used. Please note, for instance, that the graphics card drivers need to support the complete OpenGL instruction set.

Hardware requirements (minimum)			
Processor (CPU):	Pentium 4 compatible processor with SSE2 support		
RAM:	1 GB RAM		
Graphics card:	Fully OpenGL capable graphics card with at least 128 MB memory (if the error message Set Pixel Format failed is displayed during program start, the OpenGL driver does not support the entire instruction set). You can use the <u>OpenGLCapabilityTester</u> to check whether the OpenGL capabilities of your computer are sufficient. This tool is available for download in the ISD Wiki at <u>FAQ > System Requirements > HiCAD</u> .		
Operating system:	see Compatibility Matrix		
Database systems:	see Compatibility Matrix		

Recommended hardware for simultaneous HiCAD operation			
Computer: Fujitsu CELSIUS M740			
Processor (CPU):	Intel® Xeon® Processor E5-1630 v4 (4 Cores, 3.70 GHz, 10M Cache)		
RAM:	2 x 8 GB, DDR4, 2.133 MHz, rg ECC		
Hard disk: 1 x 512 GB, SSD SATA III Premium bay, 2,5 inch			
Graphics card:	NVIDIA Quadro K2200 (4 GB)		
Screen resolution	Full HD (1920x1080)		
Operating system:	Microsoft Windows 8.1 (64 Bit)		
Database systems:	see Compatibility Matrix		

- » Microsoft .NET Framework and Visual C++ Runtime Libraries need to be installed on the computer before HELiOS can be used; these packages are installed by the HELiOS installer if necessary.
- To be able to work with HELiOS, a database system must be available and prepared for HELiOS. For this you require
 - a Microsoft SQL database management system on your server,
 - a HELiOS database imported with the HELiOS Database Creator and
 - an ODBC connection on the clients.



Documents (in .pdf format) for the installation of the database system and the import and export of the database can be found in the Wiki at **Product Know-how** > **Documentation** > **HELIOS**.

Current information on system requirements can also be found on the Internet at <u>www.isdgroup.com</u> > Support > ISD Wiki > Product know-how > FAQ.

1.2 System Requirements for HELiOS Database

As of HELiOS 2016 SP 2 you can use the following Server types as Database Servers (RDBMS):

- » Microsoft SQL Server, Versions 2008 2016
- » Oracle Database Server, Versions 11g R1 12c.

The requirements with regard to the hardware primarily depend on the specifications given by the respective RDBMS supplier (Microsoft / Oracle).

The following recommendations are meant to serve as a rough guideline:

Operating system	Microsoft Windows Server Version 2008 (64 Bit) or higher
Processor	Intel Pentium IV, Intel Xeon, AMD Opteron, AMD Athlon 64
RAM	At least 4 GB (with an increasing database size the RAM should also be increased to ensure optimum performance)
Mass storage device	Mass storage device: 10 GB available hard disk space (absolute minimum; the actual demand depends on the database size)
Graphics	Standard, SVGA or higher



- Virtual Servers are generally supported; it is important, though, that all requirements of the RDBMS suppliers are strictly observed. For performance reasons we recommend using native computers.
- For safety reasons domain controllers should not be used simultaneously as Database Servers or other Servers.
- The HELiOS Database Server, the HELiOS Vault Server and the ISD License Server can be installed and run simultaneously on one computer.
- For safety reasons the HELiOS Plot Spooler should not be run together with a HELiOS Database Server or a Vault Server on one computer.

10 UNLIMITED PERFORMANCE



1.3 Hardware Requirements License Server

Processor (CPU):	x86 Processor for 32-Bit / x86-64 Processor for 64-Bit	
	Recommended: 2 GHz Processor	
RAM:	Minimum: 1 GB	
	Recommended: 2 GB (with SQL Server: > 3 GB)	
Hard disk:	1.2 GB free disk space	
Operating System (Server)	Windows 10	
	Windows 8	
	Windows 7 (32 & 64-Bit)	
	Windows Server 2016	
	Windows Server 2012	
	Windows Server 2008 (32 & 64Bit)	
	Windows Server 2008 R2 (32 & 64Bit)	
IP/MAC Address	A static IP address is required for an error-free operation of the licens server.	
	For virtual servers a static MAC address needs to be available.	

Important:

- From HELIOS 2012 (Version 1700) onwards, the installation of a license server and another ISD product on the same computer is outside of warranty! The ISD strongly advises against using such constellations.
- A static IP address is mandatory for a proper functioning of the license server.
- A license server program needs not necessarily run on a fileserver system or on a special hardware server; suitable will be any computer fulfilling the above-mentioned requirements.

1.4 Hardware Requirements Vault Server

Processor (CPU):	Pentium III-compatible processor, Minimum: 1 GHz		
RAM:	Minimum: 1 GB, Recommended: 4 GB or more		
Graphics Card:	VGA (no special requirements)		
Hard disk:	For software: 100 MB free disk space		
	For user data: Depending on the amount of data to be expected, plus backup memory of >= 100%		
	(distribution over several volumes/drives possible, redundant array of independent disks (RAID) for primary user data recommended)		
Operating system	Windows 10		
(virtual servers also possible):	Windows 7 Professional Windows 7 x64 Professional		
	Windows 8 Professional Windows 8 x64 Professional		
	Windows Server 2008 SP2 Windows Server 2008 SP2 x64		
	Windows Server 2008 R2 x64		
	Windows Server 2012		

12 UNLIMITED PERFORMANCE



1.5 Hardware requirements SmartSearch

See 1.3 Hardware Requirements Vault Server

1.6 System Requirements HELiOS Internet Server

For the HELiOS Internet Server the same system and hardware requirements as for the HELiOS Desktop apply.

In addition, however, the installation of the Microsoft Internet Information Services (IIS) is required:

» Microsoft Internet Information Services, at least Version 7, with CGI support. This is included as of Windows Server 2008/Windows 7, but requires a separate installation that needs to be performed before installing the HELiOS Internet Server!!

Proceed as follows (Example based on Windows 7):

Choose Control Panel > Programs and Features and, at the top left of the window, select Turn Windows features on or off. In the Windows Features dialogue window, choose Internet Information Services > Web Management Tools, and Internet Information Services > World Wide Web Services > Application Development Features and activate the checkboxes as shown below:

🗑 Windows Features	민의
Turn Windows features on or off	0
To turn a feature on, select its check box. To turn a feature off, clear its check box. A filled box means that only of the feature is turned on.	part
Games Indexing Service Internet Explorer 11 Internet Information Services Web Management Tools Web Management Tools Web Management Compatibility IIS Management Console IIS Management Service IIS Management Service World Wide Web Services Morid Web Se	

» Furthermore, you require an installed HELiOS version.

Please note:

- The HELiOS Desktop on the same system must be running permanently, i.e. the login session must not be ended!
- A "Default Web Site" with Port 80 may already have been installed in the IIS Manager. In this case
 the HELiOS Internet Server (for which Port 80 has also been preset) cannot be executed properly. It
 is therefore recommended to remove this Default Web Site here (Control Panel > Administrative
 Tools > Internet Information Services (IIS) Manager. In the tree structure on the left hand side,
 right-click Default Web Site).





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If a **required** website is already using Port 80, you need to select a different Port for the HELiOS Internet Server.



1.7 Hardware Requirements HELiOS Spooler

Important installation note!

As the HELiOS Spooler (as of2015, Version 2000.0) is an entirely new software, an update of the old Spooler is not possible. Before installing the new HELiOS Spooler, please make a record of the old Spooler's settings, uninstall it, and then adjust the settings of the new Spooler accordingly.

Further information can be found in the HELiOS Online Help.

The system requirements for the Spooler are analogous to those of your CAD system. The RAM should be at least as large as those of the utilized CAD systems. The reason for this is that the Spooler may, besides its automation as a Plot Server, also be used for other tasks, such as conversion of HiCAD drawings (e.g. to 3D-PDF if HiCAD is the CAD system).

Besides the Client operating systems Windows 7, 8 and 10, the Server operating systems Windows Server 2008 or Windows Server 2012 can be used. Whether a Server operating system is to be used depends on the license conditions for the utilized Microsoft operating system. Here, the number of allowed, simultaneous device connections is decisive.

Windows 7 and 8 allow 20 simultaneous accesses. This is enough for 20 Print Clients provided that all of them had actually been started. Please note however that each connection from a non-workstation will reduce this number accordingly.



From HELiOS 2015 (Version 2000.1) onwards, the HELiOS Spooler will only be available as 64Bit version. Please note that the Spooler will then only support 64Bit applications.

Recommended hardware for HELiOS Spooler in conjunction with HiCAD			
Computer: Fujitsu CELSIUS M740			
Processor (CPU): Intel® Xeon® Processor E5-1630 v4 (4 Cores, 3.70 GHz, 10M Cach			
RAM: 2 x 8 GB, DDR4, 2.133 MHz, rg ECC			
Hard disk:	1 x 512 GB, SSD SATA III Premium bay, 2,5 inch		
Graphics card:	NVIDIA Quadro K2200 (4 GB)		
Screen resolution:	Full HD (1920x1080)		
Operating system:	Microsoft Windows 8.1 (64Bit)		
Database system:	See Compatibility Matrix		

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1.8 Compatibility Matrix

	HELIOS			
	2016	2015	2014	2013
Windows XP	×	×	×	 ✓
Windows Vista	×	✓	\checkmark	 ✓
Windows 7	✓	✓	✓	✓
Windows 8 / 8.1	✓	✓	✓	✓
Windows 10	✓	×	×	×
Microsoft SQL Server 2000	×	×	\checkmark	✓
Microsoft SQL Server 2005	×	×	\checkmark	✓
Microsoft SQL Server 2008	✓	√	\checkmark	✓
Microsoft SQL Server 2012	✓	✓	\checkmark	✓
Microsoft SQL Server 2014	✓	✓	\checkmark	 ✓
Microsoft SQL Server 2016	(as of SP2, on request also for SP1)	×	×	×
Oracle Database Server 10g	×	×	\checkmark	✓
Oracle Database Server 11g R1	✓	✓	\checkmark	✓
Oracle Database Server 11g R2	✓	✓	\checkmark	 ✓
Oracle Database Server 12c	✓	✓	✓	✓
HiCAD 2011	×	X	$\boldsymbol{\times}$	✓
HiCAD 2012	×	X	\checkmark	✓
HiCAD 2013	×	✓	\checkmark	✓
HiCAD 2014	✓	✓	\checkmark	×
HiCAD 2015	✓	✓	\mathbf{x}	×
HiCAD 2016	✓	×	×	×
AutoCAD 2011	×	×	\checkmark	✓
AutoCAD 2012	✓	 Image: A start of the start of	\checkmark	
AutoCAD 2013	✓	✓	\checkmark	 ✓
AutoCAD 2014	✓	✓	\checkmark	🗸 (as of SP2)
AutoCAD 2015	✓	🗸 (as of SP2)	$\boldsymbol{\times}$	×
AutoCAD 2016	✓	🗸 (as of SP2)	$\boldsymbol{\times}$	×
AutoCAD 2017	🖌 (as of SP2)	×	×	×

	HELIOS			
	2016	2015	2014	2013
Inventor 2008	×	×		√
Inventor 2009	×	×	√	√
Inventor 2010	×	×	✓	1
Inventor 2011	×	×	\checkmark	\checkmark
Inventor 2012	 Image: A second s	✓	✓	 Image: A start of the start of
Inventor 2013	✓	✓	✓	\checkmark
Inventor 2014	 Image: A second s	\checkmark	\checkmark	🗸 (as of SP2)
Inventor 2015	 Image: A second s	 Image: A start of the start of	 (as of SP2) 	×
Inventor 2016	 Image: A second s	🗸 (as of SP2)	×	×
Inventor 2017	🗸 (as of SP2)	×	×	×
Solidworks 2008	×	×	✓	\checkmark
Solidworks 2009	×	×	✓	 Image: A start of the start of
Solidworks 2010	×	×	✓	 Image: A start of the start of
Solidworks 2011	×	×	✓	\checkmark
Solidworks 2012	✓	✓	✓	✓
Solidworks 2013	✓	✓	✓	✓
Solidworks 2014	✓	✓	✓	🗸 (as of SP2)
Solidworks 2015	 Image: A second s	\checkmark	🗸 (as of SP3)	×
Solidworks 2016	 Image: A second s	×	×	×
CAE-SYSTEM				
EPLAN Electric P8 Version 2.4	🗸 (as of SP1)	×	×	×
OFFICE				
Office 2003	×	×	×	×
Office 2007	×	×	×	\checkmark
Office 2010	 Image: A second s	✓	✓	\checkmark
Office 2013	✓	✓	✓	\checkmark
Office 2016	\checkmark	×	×	×

18 UNLIMITED PERFORMANCE



2 Installation

The DVD contains the installation files for:

- » HELIOS
- » Online Help
- » Vault Server
- » License Server
- » HELiOS Plot Management (Server Component Spooler)
- » HELiOS Internet Server
- The HELIOS Database creator (to set up the HELIOS database for the very first time and import/export an existing database)

The HELiOS DVD has been developed for a use on Windows operating systems. When you insert the DVD, an installation wizard will be started automatically.

The HELiOS version needs to be installed on the hard disk of the computer; it is not possible to start the program from the DVD.

2.1 Installing HELiOS

To install HELiOS, start Windows. If Windows is already open, close all other applications. Insert the HELiOS DVD in your DVD drive. The installation wizard will be started automatically. Follow the instructions on the screen.

P HELiOS 2016 (2102.0 x64) DB Version 145				
9	Installation Documents	Client Installations		
	HELiOS - Installation Notes	HELiOS Desktop		
Program Help		HELiOS Update for HiCAD 2014		
$\overline{\sim}$	The installation of the Help files is only required if there is no Internet connection.	HELiOS Update for HiCAD 2015		
	HELiOS Help	HELiOS Update for HiCAD 2016		
\sim		PostScript Printer		
×	Administrator Tools	Server Installations		
	This component may only be installed on the License Server!	HELiOS Vault Server		
a	SafeNet License-Server	HELiOS SmartSearch Server		
	HELiOS Database Creator	HELiOS Internet Server		
		HELiOS Application Server		
		HELiOS Spooler		
		Eplan Article Synchronization		

Click the HELIOS button to start the installation of the HELIOS Desktop.

Microsoft .NET Framework and **Visual C++ Runtime Libraries** need to be installed on the computer before HELiOS can be used; these packages will be installed now if required.







🙀 HELiOS 2016 Setup		
Destination Folder Please select the installation folder		1.5.1 2
Install HELiOS 2016 to:		
C:\Program Files\HELiOS\		
	Parts [Next Correct
	Back	Next Cancel

Select an installation directory.

In accordance with the current Microsoft guidelines, the HELiOS documents will be stored at C:\Users\Public\Documents\ISD Software und Systeme\ after a new installation of the HELiOS Desktop. Only the Administrator has write permissions for the installation directory (...\ProgramFiles\...).

If you are working with the HELiOS Vault Server you can keep this directory. Otherwise, the path needs to be changed after installation and should then refer to a directory for which all users have read and write permission. Typically, this is a path to a shared directory on the network.

🖟 HELiOS 2016 Setup
License Management License Notes and Settings
Notes on Hardware Exchange If you use local HiCAD/HELiOS/HELiCON licenses and want to exchange any hardware components, modify the partitioning of, or re-install the operating system, you need to revoke the existing license on the HiCAD workstation first, and request, using the new hardware or modified configuration, a new license key (further information on the procedure can be found in the software documentation).
Back Next Cancel

Please read the Notes on Hardware Exchange carefully.

Notes on Hardware Exchange

If you use local HiCAD/HELiOS/HELiCON licenses and want to exchange any hardware components, modify the partitioning of, or re-install the operating system, you need to revoke the existing license on the workstation first, and request, using the new hardware or modified configuration, a new license key (further information on the procedure can be found in the software documentation).

If a revocation is technically possible, but will not be performed, the ISD reserves the right to charge costs in an appropriate amount for the reissuing of the license. If the license will not be revoked, or if such revocation is no longer technically possible, the ISD may request proof that the unrevoked license is no longer utilisable; in case of failure to produce such proof, the ISD reserves the right to refuse the transfer of the license to a new hardware. Accept the notes to continue with the installation.

🙀 HELiOS 2016 Setup		
Ready to install HELiOS 2016		I-S-D 🏵
Click Install to begin the installation. installation settings. Click Cancel to	. Click Back to review or c exit the wizard.	hange any of your
	Extended settings	
	Back I	nstall Cancel

You can now start with the installation or modify the Extended Settings, e.g. for HELiOS.

1	🖥 Extended settings		_ 🗆 🗵
	HELIOS HELIOS Inte	rfaces General	
	System data source	HeliosBauteil	
	User	hicad	
	Password	••••	
	Vault Client	Address qs01 Port 9000	
	SmartSearch-Server	Configuration	
	Use PrintClient	Server qs02	
	Use Application Server	Address Port	
		OK Save Cancel	

In case of a new installation you can specify an arbitrary name for the system data source. In case of an update, the existing data source will be offered. **User** and **Password** will be identical with the ODBC login.

If you use a Vault Server, activate the **Vault Client** checkbox. Enter the name of the Server in the **Address** input field, and the Server Port of the Vault Server in the **Port** input field. You already entered both during the installation of the Vault Server.

If you want to process your print jobs via the ISD Plot Management, you need to install one **PrintClient** on each workstation.

In the Server field, enter the network name of the computer on which the **HELiOS Spooler** is installed. The Spooler collects the print jobs and processes them according to your settings.



🛱 Extended settings		
HELIOS HELIOS Interfaces	General	
Office Excel Outlook PowerPoint Word	© 32 bit © 64 bit	
CAD AutoCAD* Inventor SolidWorks		
Others		
	OK Save Cancel	

The availability of interfaces with HELiOS depends on the programs that are installed on your computer. You can only link 32Bit versions to HELiOS 32Bit versions, and only link 64Bit versions to HELiOS 64Bit versions. An exception is the MS Office Interface, where you can link a 32 Bit Office to a 64 Bit HELiOS. Please note however that an additional, special ODBC connection will be required for old BOMs. In such cases, please contact the ISD Consulting team.

Multiple selections of HELiOS Interfaces are also possible. The HELiOS functions will be integrated in the programs that are linked to HELiOS.

Please take a look at the Compatibility Matrix in Chapter 1.7. to check which interfaces to external software products are supported by HELiOS 2016.

When installing the CAD interface (AutoCAD, Inventor or SolidWorks) the specific CAD configuration will be considered. The only thing you need to do is to copy the drawing frame template files from the corresponding ...\templates\ subdirectory.

The installation automatically executes the configuration file **MultiCAD.csv** with the **HeliosClientConfig.exe** tool. If you work with your own .csv file, you can execute it subsequently: Start the **HeliosClientConfig.exe** tool from the \exe\ directory of your HELiOS installation, click the ... button to select the path of the file and confirm with **OK**.



- The corresponding foreign software needs to be installed on the same system.
- When creating an interface between HELiOS and one of these systems, please make sure that the Bit versions of HELiOS and the external software are identical. Interfaces between a 32Bit and a 64Bit Version are not possible.
- For EPLAN you also require the Article Synchronization Service running separately on the system. You
 will find the corresponding button in the HELiOS installation mask. For the configuration of the HELiOSEPLAN interface please contact the ISD Consulting team.

Interfaces with foreign systems can also be added via the Windows Control Panel. Select **Start** > **Control Panel** > **Programs and Features**, activate **HELiOS**, then right-click and select **Change**. This starts the installation of HELiOS, enabling you to select further interfaces with foreign software products on the **HELiOS Interfaces** tab.

Further information, e.g. how to activate specific interfaces in the foreign software, can be found in the Online Help for HELiOS.

🙀 Extended settings	
HELIOS HELIOS Interfaces General	
Installation directory C:\isd\HELiOS\ Update-Installation	
Activate license administration tools	
OK Save Cancel	

You need the License Administration Tools for the installation of server licenses.

Click Save to save the **Extended Settings** to an **INI file**. If you place the INI file in the installation directory when installing server licenses, the settings will be applied.

Close the Extended Settings dialogue with OK and click Install.



🙀 HELiOS 2016 Setup		
HEL ² OS 2016	Completed the HELIOS 2016 Setup Wizard Click the Finish button to exit the Setup Wizard.	
	Back Finish C	ancel

After successful installation, you will find the link to the HELiOS Desktop on the desktop for program launch.



2.2 Installing the Online Help

The Online Help is available locally (status of the date of installation DVD creation) and on the Internet (regularly updated) at <u>help.isdgroup.com</u>. Both versions of the Help can be directly started from HELiOS. Please note that corresponding login data are required to access the Internet version of the Help.

Start Windows to install the Help. If Windows is already open, close all other applications. Insert the DVD in the drive, which automatically starts the installation wizard.

9	Installation Documents	Client Installations
	HELiOS - Installation Notes	HELiOS Desktop
0	Program Help	HELiOS Update for HiCAD 2014
$\overline{\sim}$	The installation of the Help files is only required if there is no Internet connection.	HELiOS Update for HiCAD 2015
	HELiOS Help	HELiOS Update for HiCAD 2016
$\mathbf{\Omega}$		PostScript Printer
×	Administrator Tools	Server Installations
	This component may only be installed on the License Server!	HELiOS Vault Server
	SafeNet License-Server	HELiOS SmartSearch Server
	HELiOS Database Creator	HELiOS Internet Server
		HELiOS Application Server
LU		HELiOS Spooler
		Eplan Article Synchronization

Click the HELiOS Help button.





Specify the installation directory for HELiOS.



Click Install.



After successful installation, the Help can be found in the program folder and can be called via HELiOS.



2.3 Installing the Vault Server

Start Windows to install the Vault Server. If Windows is already open, close all other applications. Insert the DVD in the DVD drive, which automatically starts the installation wizard.

9	Installation Documents	Client Installations
	HELiOS - Installation Notes	HELiOS Desktop
0	Program Help	HELiOS Update for HiCAD 2014
$\overline{\sim}$	The installation of the Help files is only required if there is no Internet connection.	HELiOS Update for HiCAD 2015
	HELiOS Help	HELiOS Update for HiCAD 2016
\sim		PostScript Printer
×	Administrator Tools	Server Installations
	This component may only be installed on the License Server!	HELiOS Vault Server
	SafeNetLicense-Server	HELiOS SmartSearch Server
	HELiOS Database Creator	HELiOS Internet Server
		HELiOS Application Server
LU		HELiOS Spooler
		Eplan Article Synchronization

Click the Vault Server button.

🖶 HELiOS Vault Server Setup	
1.5.1 2	Welcome to the HELIOS Vault Server Setup Wizard
	The Setup Wizard will install HELiOS Vault Server on your computer. Click Next to continue or Cancel to exit the Setup Wizard.
4	
	Back Next Cancel



Specify the installation directory of the Vault Server.

🙀 HELiOS Vault Serve	er Setup	
Configuration HELIOS Vault Serve	r settings	
Server name	ISDVAULT	
Server port	9000	
		Back Next Cancel

Give the Vault Server a name, e.g. the name of your company, plus the location of your company. This name will be shown, for example, when you connect to the Vault Server from the **Vault Client**.

🙀 HELiOS Vault Server Setu	ιp	
Configuration Server directories		
Documents folder	C:\HELiOS Vault ISDVAULT\Documents\	
Management folder	C:\HELIOS Vault ISDVAULT\Management\	
Log folder	C:\HELiOS Vault ISDVAULT\Logfiles\	
Logfile name	ISDVAULT.log	
	Back Next	Cancel

The Vault Server renames all documents that are managed in the database (e.g. SZA, DOC, XLS, ...) to *.VDF. These VDF files are saved to the **Document directory**.

The files stored in the **Management directory** contain the assignments of the VDF file names to the "original file names".

Log files (*.LOG) are saved to the Log directory. They record each access to the VDF files.

Enter the name of the log file in the **Log file name** field. The name of the Vault Server would also be possible here. If the log file exceeds a certain length, it will be cut down and suffixed by the current date.





Click Install.



Click **Finish** to complete the installation of the Vault Server. You can now install further components offered in the selection mask if desired.

2.4 Installing the HELiOS Internet Server

For the HELiOS Internet Server you require the Microsoft Internet Information Services, Services, at least Version 7, with CGI support. This is included as of Windows Server 2008/Windows 7, but requires a separate installation that needs to be performed **before installing the HELiOS Internet Server** (see Chapter 1.5)!

Start Windows to install the HELiOS Internet Server, first start Windows. If Windows is already open, close all other applications. Insert the DVD in the DVD drive, which automatically starts the installation wizard.

Installation Documents	Client Installations
HELiOS - Installation Notes	HELiOS Desktop
Program Help	HELiOS Update for HiCAD 2014
The installation of the Help files is only required if there is no Internet connection.	HELiOS Update for HiCAD 2015
HELiOS Help	HELiOS Update for HiCAD 2016
	PostScript Printer
Administrator Tools	Server Installations
This component may only be installed on the License Server!	HELiOS Vault Server
SafeNet License-Server	HELiOS SmartSearch Server
HELiOS Database Creator	HELiOS Internet Server
	HELiOS Application Server
	HELiOS Spooler
	Eplan Article Synchronization
	Installation Documents HELiOS - Installation Notes Program Help The installation of the Help files is only required if there is no Internet connection. HELiOS Help Administrator Tools This component may only be installed on the License Server! SafeNet License-Server HELiOS Database Creator

Click the HELiOS Internet Server button.







🖶 HELiOS Internet Server Setup		
Destination Folder Please specify the destination folder		1.5.0 👁
Install HELiOS Internet Server to:		
C:\Program Files\HeliosIS\ Change		
	Back Ne	axt Cancel

Specify the installation directory for the software.

🙀 HELiOS Internet	Server Setup			_ 🗆 🗙
Configuration HELIOS Internet	Server settings		T	5-1 🌑
A new website will an available port, v website cannot be	be set up for the HELiOS I via which the Server will pr started if the selected por	nternet Server. P ovide the website t is already being	lease enter the Please also no used for anothe	number of ote that the er website.
Port	80			
		Back	Next	Cancel

Enter the **Port number**. Default value is 80. If you want the HELiOS Internet Server to run on a different Port (because Port 80 is already being used for a different website or application), enter this Port here and click **Next**.



Click Install.

After successful installation the HELiOS Internet Server will be located in the program folder.

2.5 Installing the HELiOS Database Creator

The HELiOS PDM modules (Document Management, Project and Order Management, Workflow etc.) are based on a relational database. Before you put HELiOS into operation, the Microsoft SQL Server database administration system needs to be installed on the server, a HELiOS database needs to be imported and a ODBC connection needs to be set up on the clients.

When you set up a HELiOS database for the first time, the **HELiOS Database Creator** needs to be installed and executed on the database server first. The database and table structures will then be created, and filled with data records of the HELiOS standard database.

All information about the correct procedure for the execution of the HELiOS Database Creator, as well as the previous and subsequent steps required for the setting up of a database server can be found in the user guide for the installation of the Microsoft SQL Server. You can find this document in the ISD Wiki at Product Know-how > Documentation > HELiOS.

To install the HELiOS Database Creator, click the corresponding button in the selection mask. The start mask of the setup wizard will be displayed.

0	Installation Documents	Client Installations
	HELiOS - Installation Notes	HELiOS Desktop
	Program Help	HELiOS Update for HiCAD 2014
$\overline{\sim}$	The installation of the Help files is only required if there is no Internet connection.	HELiOS Update for HiCAD 2015
	HELiOS Help	HELiOS Update for HiCAD 2016
\mathbf{h}		PostScript Printer
×	Administrator Tools	Server Installations
	This component may only be installed on the License Server!	HELiOS Vault Server
	SafeNet License-Server	HELiOS SmartSearch Server
	HELiOS Database Creator	HELiOS Internet Server
		HELiOS Application Server
		HELiOS Spooler
		Eplan Article Synchronization

Click the HELiOS Database Creator button.







Click Next to start the installation.

🖟 HELiOS Database Creator Setup	- 🗆 ×
Destination Folder Please specify the destination folder	I-S-U 🕥
Install HELIOS Database Creator to:	
C:\Program Files\ISD Software und Systeme\HELiOS Database Creator\ Change	
Back Next	Cancel

Specify an installation directory for the HELiOS Database Creator, and click Next.



Click Install to start the installation.

1	HELiOS Database Creator Setup	
	Installing HELiOS Database Creator	
	Please wait while the Setup Wizard installs HELIOS Database Creator.	
	Status:	
	I	
	Back Next	Cancel



Click **Finish** to complete the installation of the **HELIOS Database Creator**. If desired, you can now install further components via the selection mask.

Extensive information on the installation of the SQL Servers, the operation of the HELiOS Database Creator tool and the setting up of the ODBC connection on the clients can be found in the Wiki at Product Know-how > Documentation > HELiOS.



2.6 Installing the HELiOS Spooler

Important installation note!

As the HELiOS Spooler (as of2015, Version 2000.0) is an entirely new software, an update of the old Spooler is not possible. Before installing the new HELiOS Spooler, please make a record of the old Spooler's settings, uninstall it, and then adjust the settings of the new Spooler accordingly.

Further information can be found in the HELiOS Online Help.

The HELiOS Spooler is only available as 64Bit version and only supports 64Bit applications.

To install the **HELiOS Spooler**, please start Windows. If Windows has already been started, please close all other applications. Insert the DVD in your DVD drive. The selection mask for various software components will then be displayed. Leave this mask open, and install, one after the other, the required software components.

9	Installation Documents	Client Installations
	HELiOS - Installation Notes	HELiOS Desktop
0	Program Help	HELiOS Update for HiCAD 2014
$\overline{\sim}$	The installation of the Help files is only required if there is no Internet connection.	HELiOS Update for HiCAD 2015
	HELiOS Help	HELiOS Update for HiCAD 2016
\sim		PostScript Printer
×	Administrator Tools	Server Installations
()	This component may only be installed on the License Server!	HELiOS Vault Server
	SafeNet License-Server	HELiOS SmartSearch Server
	HELiOS Database Creator	HELiOS Internet Server
		HELiOS Application Server
		HELiOS Spooler
		Eplan Article Synchronization

Click the HELiOS Spooler button.



🛱 HELiOS Spooler Setup	
Destination Folder Please select the installation folder	1-5-1
Install HELIOS Spooler to:	
C:\Program Files\HELiOS Spooler\	
Change	
	Back Next Cancel

Specify the installation directory for the software.

👸 HELiOS Spooler Se	tup	_ _ X
Configuration HELiOS Spooler Se	ttings	I S D 🕥
Service registration Interactive sta User Password I Start service u	nt DEDTM129\xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	CAD Add-Ins V HICAD AutoCAD Inventor SolidWorks
Data directory	D:\HELIOS Spooler Data\	
	Bac	k <u>N</u> ext Cancel

The Spooler start is in part performed by the system as a background process (Windows Service). For safety reasons it is recommended to create a Windows **User account**, with **User name** and **Password** with read and access permission, before installation.

If you do not know the user yet, the Spooler will run, without access to any printers, as a simple Windows system service. Now, select **Control Panel** > **Administrative Tools** > **Services**. Right-click the **HELiOS Spooler** and select Properties. On the **Log On** tab, switch to **This account** and enter the user name and the password (Caution: Should the password of the Spooler user change or expire one day, the authentication needs to be renewed accordingly in the Services list. If the **Start service upon installation** option is active, the Spooler service will not require a manual start after installation.

Normally, the HELiOS Spooler runs as a Windows Service in the background. In this standard configuration the Spooler process will be started by the operating system in a special session which is not visible for the user. Therefore, the process will even continue running after the Spooler user has logged off from the computer. Unfortunately, internal tests have found that problems may occur with this type of operation in conjunction with some CAD systems; currently this applies in particular to the interface with SolidWorks.

If you are considering using the HELiOS Spooler together with SolidWorks, we therefore recommend choosing the "Interactive start" option during installation in order to avoid problems. When this option has been selected, the Spooler will no longer be set up as a service, but will be started directly in the foreground via the Administration UI. During this type of operation, the Spooler process will appear in the form of a small text window in the window bar (Caution: When you log off from the Server, the Spooler process will also be ended here!)

To automatically start the Spooler in the "interactive" configuration, the Helios. Spooler.exe file needs to be called from the installation directory with the option "--no-service" – either from the "Autostart" folder of the

36


Spooler user, or via the Windows Task Scheduler. If you have any questions, please contact the ISD Consulting team.

Select the data directory. Activate the Create network share checkbox to enable the communication with the **PrintClient**. If the network share is not created during installation, it must be created manually afterwards. Since special settings will be required here, we recommend contacting the ISD Consulting team.

Choose the CAD system that you want to link to the HELiOS Spooler, and click Next.



You can now begin with the installation.

P	HELiOS Spooler Setup			
	Installing HELiOS Spooler		Т	5-1 🕥
	Please wait while the Setup Wizard installs HELiOS (Spooler.		
	Status:			
			1	
	E	ack	Next	Cancel



After successful installation the HELiOS Spooler will be located in the folder for programs.

2.7 Installation of the EPLAN Article Synchronization

In addition to the EPLAN interface that must be activated in the **HELIOS Interfaces** tab of the **Extended settings** window, you need to install the Article Synchronization service. You can find the corresponding button at the bottom right of the selection mask.

\bigcirc For the configuration of the HELiOS-EPLAN interface please contact the ISD Consulting team.

To install the **HELIOS Spooler**, please start Windows. If Windows has already been started, please close all other applications. Insert the DVD in your DVD drive. The installation wizard will then be started automatically.

9	Installation Documents	Client Installations
	HELiOS - Installation Notes	HELiOS Desktop
0	Program Help	HELiOS Update for HiCAD 2014
\sim	The installation of the Help files is only required if there is no Internet connection.	HELiOS Update for HiCAD 2015
	HELiOS Help	HELiOS Update for HiCAD 2016
		PostScript Printer
×	Administrator Tools	Server Installations
	This component may only be installed on the License Server!	HELiOS Vault Server
0	SafeNet License-Server	HELiOS SmartSearch Server
	HELiOS Database Creator	HELiOS Internet Server
		HELiOS Application Server
LU		HELiOS Spooler
		Eplan Article Synchronization

Click the Eplan Article Synchronization button.







HELIOS-EPLAN Article Synchronization Setup	
Destination Folder Please select the installation folder	I S 1
Install HELIOS-EPLAN Article Synchronization to:	
C:\Program Files\HELIOS EPLAN SyncService\ 	
Back	xt Cancel

Specify the installation directory for the software.

🛃 HELiOS-EPLAN Article S	Synchronization Setup	
Configuration HELIOS-EPLAN Article St	ynchronization Settings	1-5-0 👀
Service registration		
User Password I Start service up	LocalSystem	
	Back	Next Cancel

Replace LocalSystem with the User login for HELiOS, or a user account with access to HELiOS.



You can now begin with the installation or modify the Extended settings, e.g. for HELiOS.

📅 Extended settings			
HELIOS			
System data source	HeliosBauteil		
User	hicad		
Password	•••••		
Vault Client	Address Port 9000		
	OK Save Cancel		

The existing system data source will be suggested. User and Password are identical to those for the ODBC login. If you use a Vault Server, activate the Vault Client checkbox. Enter the name of the Server in the Address input field, and the Server Port of the Vault Server in the Port input field. These can be found at

Click Save to store the Extended settings in an ini file. Confirm with OK.



Click Install to start the installation.



After successful installation, the EPLAN menu will contain the **Synchronize articles with HELiOS** function in the **PDM** menu.





2.8 Parameter Configuration

HELIOS provides appropriately adjusted user interfaces and configurations for various interfaces. During installation of HELiOS the **MultiCAD.csv** file, that sets up the templates required for the operation of the interface, will automatically be run via the **HeliosClientConfig.exe** program.

You can also load an own *.csv file subsequently if desired. In the EXE directory of your HELiOS installation, start the **HeliosClientConfig.exe** program. Click the **____** icon and select the *.csv file. Confirm with **OK**.

HELiOSClientConfig		
	Configuration file	D:\HELiOS\templates\MultiCAD.csv

Furthermore, HELiOS offers template files for title blocks (AutoCAD drawing frames with database attributes) and HELiOS masks that have been adjusted for MultiCAD operation:

- In the ...\templates directory of your HELiOS Desktop installation you will find the adjusted HELiOS masks for MultiCAD operation in the ...\MultiCAD folder. Copy them to the ...\sys directory of your HELiOS installation.
- In the...\templates\AutoCAD\ directory you will find drawing frame templates that you can copy to the corresponding templates directory of your CAD software.

3 Procedure for Silent Installations

The silent installation can, for example, be configured for HELiOS Standalone or for the Spooler. The procedure is always the same.

3.1 Installation Settings

To configure the installation options, start the installation setup.exe as usual and make the required settings. In the last dialogue of the installation, click on Extended Settings.

I nelios 2016 Setup	
Ready to install HELiOS 2016	1.2.1
Click Install to begin the installation. Click Back to review or char installation settings, Click Cancel to exit the wizard.	nge any of your
Extended settings	

Here you can configure in particular the settings for the User Configuration in such a way that user interactions will no longer be required.

Ĩ	Extended settings		<u>- 0 ×</u>
	HELIOS HELIOS Inter	faces General	
	System data source	HeliosBauteil	
	User	hicad	
	Password	••••	
	Vault Client	Address qs01 Port 9000	
	SmartSearch-Server	Configuration	<u></u>
	Use PrintClient	Server qs02	
	Use Application Server	Address Port	
		OK Save Cancel	





🚰 Extended settings		
HELIOS HELIOS Interfaces	General	
Office		
Excel	© 32 bit	
 PowerPoint Word 	64 bit	
CAD		
AutoCAD*		
SolidWorks		
Others		
EPLAN		
	OK Save Cancel	

Clicking **Save** creates a setup.ini file containing the desired settings. This file will be loaded automatically if it is located in the same directory as the Windows Installer package HELiOS.msi. Alternatively you can specify a file via the command line:

setup.exe SETTINGS="<Ini-Datei>" /I*v "<Log-Datei>"

or

msiexec /i HELiOS.msi SETTINGS="<Ini-Datei>" /I*v "<Log-Datei>"

In this case the starting will not be "silent", i.e. the installation dialogues will appear, but with the default values of the .ini file.

The option /l*v "<Log-Datei>" creates a log file of the installation which can be used for the diagnosis of installation problems.

3.1.1 Redistributables

Before distributing the installation you need to install the required redistributables on the target systems in order to circumvent the Microsoft-EULAs.

Examples:

vcredist.exe /passive

dotNetFx40_Full_x86_x64.exe /passive

The respective command line options of the individual Redistributable Installer can be called via the command line option /?.

If required, the .msu files of the Windows Installer 4.5 can be installed with the Windows Package Manager pkgmgr.exe (<u>http://support.microsoft.com/kb/934307/de</u>).

The packages can be installed with /passive /norestart. Otherwise, a reboot would be initiated automatically. If a package requires a reboot, the return value is 3010; otherwise it is 0 or an error code.

You need to install the redistributables that are located on the DVD at Program32 or Program64 (except for the setup.exe and the language-specific folders such as de-de).

The situation for HELiOS is slightly different. Here, the installation packages can be found in the folder Helios\heldsk64\ (for a HELiOS Desktop Standalone installation) or Helios\M-Versions\20??\, with ?? standing for the concrete year date of the HiCAD Version to be matched with an updated HELiOS. The utilisation of the msi package or the setup.exe, respectively, differs insofar as the setup.exe will issue an interactive message if a requirement (redistributable) is missing, while the msi package will cancel the process with an error code. The latter might be more suitable for a deployment within the scope of a software distribution programme.

3.1.2 Starting the Installation in the Silent Mode

The installation can only be set to the silent mode via the command line:

setup.exe SETTINGS="<Ini-Datei>" /passive /I*v "<Log-Datei>"

or

msiexec.exe /i HELiOS.msi /qb!- /SETTINGS="<Ini-Datei>" /I*v "<Log-Datei>"

As neither dialogues nor error messages are displayed, /l*v "<Log-Datei>" creates a log file of the installation which can be used for the diagnosis of installation problems.

Information on further command line options can be obtained via the command line, by means of the command msiexec /? , and via the Internet at

http://technet.microsoft.com/de-de/library/ cc759262%28WS.10%29.aspx#BKMK_SetUI http://msdn.microsoft.com/en-us/library/windows/desktop/ aa372024%28v=vs.85%29.aspx

3.1.3 Example of a Batch Installation incl. Redistributables and Log

@set SOURCE=\\entw042\Setups\HELiOS 2000

"%SOURCE%\vcredist_x86_10.0.40219\vcredist_x86.exe" /passive /norestart @if errorlevel 1 echo Fehler bei Visual C++ Runtime Installation && goto error "%SOURCE%\DotNetFX40\dotNetFx40_Full_x86_x64.exe" /passive /norestart @if errorlevel 1 echo Fehler bei .NET Installation && goto error

msiexec.exe /qb!- /i "%SOURCE%\de-de\HELiOS.msi" /l*v "%SOURCE%\logs\%COMPUTERNAME%_HELiOSInstallLog.txt" SETTINGS="%SOURCE%\Config\setup.ini" @if errorlevel 1 echo Fehler bei HELiOS Installation && goto error @exit

:error @echo Installationsfehler %errorlevel% @net helpmsg %errorlevel% @pause



4 Important Notes on Updates

When performing a HELiOS update, the update start mask shows you the HELiOS subversion, which needs to match the existing database. If this is not the case, only an error message will appear when you start HELiOS. To update the database schema, use the program **HeliosDbUpdate.exe**. Please note the following:

Important

When performing a HELiOS update, an update of the database schema might be necessary as well. If the database schema requires an update, you can no longer access the database with older HELiOS versions. Therefore, all workstations accessing the database need to be readjusted accordingly at the same time.

It is mandatory to make a database backup before the update, as the update can normally only be reverted by importing the backup.

The responsible administrator should always be informed prior to the update, in order to enable a coordinated conversion.

Updates to HELiOS Version 2016 are only possible from Version 2014 or 2015.

4.1 Updating the HELiOS Database

Improvements of the HELiOS functionality require a regular updating of the database; if the database version is no longer up to date, HELiOS displays the following message (version numbers may vary) when it is launched:

P HELiOS Desktop
Database version verification error: Abort! Helios cannot work with the active database. The following problem was detected when checking the schema: Non-supported database sub-version 118 (required: 119)! Kein Text verfügbar - No Message Text available A database version update with the 'HeliosDbUpdate' program is required! Display Help file? <u>Yes</u> <u>No</u>

To update the database schema, use the program HeliosDbUpdate.exe. Please note the following:

4.1.1 Important Hints before Update

- » It is mandatory to make a database backup before the update, as the update can normally only be reverted by importing the backup.
- After an update, access is only possible with the appropriate HELiOS version. A mixed operation with HELiOS versions requiring an older database schema is not possible.
- » The update must be performed once and applies to all HELiOS installations.
- >> The responsible administrator should always be informed prior to the update, in order to enable a coordinated conversion.

4.1.2 Perform Update

The update can be performed from any HELiOS workstation with a database connection.

The **HeliosDbUpdate.exe** program is used for this purpose. It can be started via the Windows Explorer, or similar programs, from the exe directory of the HELiOS installation.

The following mask (software and database version may vary) will be displayed after starting the program:

HELiOSDbUpdate: Update o	f database schema	— X —
Update	Update database	Close Software-Version: 27 / 142 Database-Version: 27 / 140 Re-determine Check update capability of active database

Click the Update database... button to start the update.

The following message (version numbers may vary) will be displayed after clicking the button:



If you confirm this message with **OK**, another confirmation prompt is displayed:

HeliosDbUpdate
(?) Update now?
Yes No

Confirm with Yes to perform the update. After a successful update, the following message will be displayed:





A further check can be carried out by clicking the **Re-determine** button in the main window of the program, after confirming this message with **OK**.

After a successful update, software version and database version need to be identical.

4.1.3 Lower Database Version Required

If you use HiCAD and HELiOS together it may occur after an update of HiCAD that according to the error message for verification of your database version (see Chapter 4.1) the number of the required sub-version is lower than that of the current one, which is, according to the message, not supported.

In this case a new installation of HELiOS, or an update installation of HELiOS from an appropriate source (i.e. via the HELiOS installation DVD, not via the HiCAD installation!) must be performed.

4.2 Material Manager (HiCAD)

For the HELiOS-HiCAD Interface the HiCAD Material Manager (materialmanager.exe) that enables a taking over of materials from Catalogue Editor to HELiOS must have the same database schema as HELiOS. Therefore the Material Manager will also be updated.

48 UNLIMITED PERFORMANCE



4.3 Licensing for Updates

The HELiOS Version can be obtained either on an installation medium (DVD), or via download from the ISD Homepage.

The activation takes place via a software license. The activation is no longer linked to a dongle, but directly to the hardware of a server or an individual workstation.

If you use a Server License, you need to update the License Server Software and the License Management Tools; if you use Local Licenses, you need to install the new version.

Normally, licenses for older HELiOS versions must be revoked first.

After confirmation of the revocation you will receive one or several Entitlement IDs enabling you, in combination with your E-Mail address and your Password, to activate the new licenses (see 5.3).

Licenses can be deactivated at any time, without having to contact the ISD Group, via the License Activator in the License Manager, i.e. they can be temporarily stored on the Server of the ISD. For this you require your Entitlement ID, your E-mail address and your Password. The activation can then be performed on any other computer, i.e. the licenses can be transferred to this computer. For Server Licenses this procedure can only be performed for the entire license pool.

After updating HELiOS (from Version 2008 or older) to a HELiOS Version, you must return your workstation dongle to the ISD. You can then no longer use any older HELiOS versions.

4.4 Perform HELiOS Installation

The installation of HELiOS 2016 can be carried out by a technician of the ISD or by the customer. In this context, please note the following recommendations by the ISD:

» HELiOS

- Update from HELiOS 2014 or 2015 to HELiOS 2016: An installation by the ISD is recommended.
- Update from HELiOS 2013 (or older) to HELiOS 2016: Updates are not possible. The update installation from HELiOS 2008 (or older) additionally includes a data conversion from ANSI to UNICODE format. Please contact the ISD Consulting team.
- » 3rd party CAD with HELiOS
 - Update of HELiOS 2014 or 2015 to HELiOS 2016: An installation by the ISD is recommended.



5 License Installation Guide

HELiOS can be activated via three license types:

- » Network licenses
- » Standalone licenses (local licenses)
- » Commuter licenses

To start the Online Help for the Licence Manager call the LICENSEMANAGER.HTML file in the folder Docu\tools\Licensemanager.

5.1 General Information about Licensing

Local (Workstation-Specific) Licensing

If you choose local licensing, the activation will be directly locked to the hardware of the workstation on which your HELiOS program is installed.

The ISD will send you an E-mail containing the Entitlement ID for local licenses (standalone). This ID will be required for the activation and deactivation of the licenses and software modules. Please keep the Entitlement ID! Without this ID you cannot activate or deactivate any licenses! In case of a defect, no reconstruction of licenses will be possible without the Entitlement ID! After installing HELiOS, you activate the licenses by means of the License Activator in the ISD License Manager.

Network (Server-Controlled) Licensing

If you choose network (server-controlled) licensing, the license will be directly locked to the hardware of the server that centrally manages the HELiOS licenses. These licenses can be used on any workstation in your network that is connected to this server.

The ISD will send you an E-mail containing the Entitlement ID. If you have several network servers, e.g. at several locations, you will receive one Entitlement ID for each network server. This ID will be required for the activation and deactivation of the licenses and software modules. Please keep the Entitlement ID! Without this ID you cannot activate or deactivate any licenses! In case of a defect, no reconstruction of licenses will be possible without the Entitlement ID! You activate/deactivate the network licenses by means of the License Activator in the ISD License Manager.

Individual licenses can be checked out from the server and locked to a workstation within or outside the network (so-called "commuter licenses"). This enables you to continue working at a different location, without being connected to the license server (unless your HELiOS installation requires a connection to a database server). For this purpose you define a specific period during which you want the license to be available on a selected workstation. For this period, this license will be blocked on the license server. After expiry of this period, the license will be made available on the license server again. It is also possible to manually return this license to the server before expiry of the defined period, if the workstation is connected to the server. Licenses for one workstation can be checked out for at least one day, with the counting beginning at 1:00 AM on the day following the checkout date.

If you want to replace/exchange your license server, you need to deactivate all licenses first.

A static IP address is required for correct operation of the license server!

Practical Examples of Network Licensing

- Let us assume that three licenses have been activated on your server. Monday morning (11.00 am) you suddenly need to see a customer for design tasks, and you know that you will still be on-site at the customer's facility on Tuesday. You therefore check out a license for 24 hours on 11.00 am. This means that you can use this license until Tuesday night, 11.59 pm, from your mobile workplace. After expiration of this period, the license is automatically made available again on the server. If you manage to finish your work on Tuesday at midday, you can go back to your office and return the license to the server somewhat earlier.
- Similar situation as the one described above, with the difference that you are not in your office on Monday, 11.00 am. In such cases you can generate a hardware ID, enabling your colleagues in the office to check out a license for you. This license is sent to you by E-mail and can then be activated. In contrast to the previous example, this license is exclusively available to you for a fixed period of time and cannot be returned to the server before expiration of this period.

If you activate a license while the WLAN card is switched on, this license will only be valid and visible when the WLAN card is switched on. If, however, the license is activated while the WLAN card is switched off, the license will always be valid, no matter whether the WLAN card is switched on or off.



5.2 Network Licenses

To be able to use network licenses, a License Server needs to be installed on a computer without HELiOS.

The license server enforces and manages licensing in multi-user environment. It keeps track of all the licenses and handles requests from network users who want to run a HELiOS application, granting authorization to the requesters, or denying requests if all licenses are in use.

The license server must not be installed on the same computer on which an ISD software product (HiCAD/HELiOS) is installed, as both product share system data concerning the licensing information. Formerly, such parallel installations of license servers and ISD products were performed in cases where a customer occasionally wanted to transfer the license to another computer (Remote Commuter License).

Please note:

- As of HiCAD 2012 (Version 1700), parallel installations of license servers and ISD products (i.e. on the same computer) are no longer covered by the warranty. The ISD group advises you strongly not to perform such installations.
- A static IP address is required for a correct operation of the License Server!



5.2.1 Server Installation

The installation of the **SafeNet License Server** takes place from the HELiOS DVD. Start Windows and insert the DVD in the DVD drive of your computer. The installation wizard will be displayed.

If you want to perform a HELiOS update to Version 2016 and use a license server (i.e. work with network licenses), you require Version 8.5.0.1400 of the SafeNet License Server. If you have installed an older version, you need to uninstall it before re-installing the SafeNet License Server.

9	Installation Documents	Client Installations
	HELiOS - Installation Notes	HELiOS Desktop
0	Program Help	HELiOS Update for HiCAD 2014
\sim	The installation of the Help files is only required if there is no Internet connection.	HELiOS Update for HiCAD 2015
	HELiOS Help	HELiOS Update for HiCAD 2016
\sim		PostScript Printer
×	Administrator Tools	Server Installations
	This component may only be installed on the License Server!	HELiOS Vault Server
	SafeNet License-Server	HELiOS SmartSearch Server
	HELiOS Database Creator	HELiOS Internet Server
		HELiOS Application Server
		HELiOS Spooler
		Eplan Article Synchronization

Click the the SafeNet License Server button.







🔂 Sentinel RMS License Manager 8.5.0 - InstallShield Wizard	×
License Agreement Please read the following license agreement carefully.	ef. RMS evelopment Kit
License Grant/Warranty for Software	
This License describes limited rights granted by SafeNet, Inc. and/o subsidiaries (such grantor, "Seller") to the Buyer.	or one of its
A. The term "Software", as used herein, shall mean a program o consisting of machine readable logical instruction and tables of info designed as libraries or drivers to work in conjunction with Seller's S Keys ("Products"). Title to all Software furnished to Buyer hereunde comparing Seller context to Buyer a such with products and the seller selle	r programs rmation Sentinel er shall
 I accept the terms in the license agreement 	Print
$\ensuremath{\mathbb{C}}$ I do not accept the terms in the license agreement	
InstallShield	
< Back Next >	Cancel

🙀 Sentinel RMS License Manager 8.5.0 - InstallShield Wizard	x
Customer Information Sent	finel RMS
Please enter your information.	Development Kit
User Name:	
ISD Software und Systeme	
Organization:	
Install this application for:	
 Anyone who uses this computer (all users) 	
C Only for me (qs)	
InstallShield	
< Back Next >	Cancel















After successful installation you will find the Server (Sentinel RMS License Manager) under Services. From here you can also start and end the License Server.

🖳 Datei Aktion Ansicht Fenster	² <u>?</u> ₽ ■ ■ ■ ■			_8
Computerverwaltung (Lokal) Kystem Freignisanzeige Computerverwaltung Computerver	Dienste Startet den Dien Startet den Dien Sentinel RMS License Manager	st neu. Name 🔺	Beschreibung	Status
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Bergenetien Bergenetierung Defragmentierung Datenträgerverwaltung Dienste und Anwendungen	Beschreibung: Sentinel RMS License Manager	Sekundäre Anmeldung Sentinel RMS License Manager Server Shellhardwareerkennung	Ermöglicht da Sentinel RMS Unterstützt D Zeigt Meldun	Gestar. Gestar. Gestar. Gestar.
 Dienste WMI-Steuerung SQL Server-Konfigurations-N SQL Server-Konfigurations-N 		Sicherheitscenter Sicherheitskontenverwaltung Sitzungs-Manager für Remot	Überwacht S Speichert Sic Verwaltet un Verwaltet de	Gestar.
		SoundMAX Agent Service SQL Server (SQLEXPRESS)	Ermöglicht di	Gestar. Gestar.

5.2.2 Client Configuration

To ensure that the HELiOS Client finds the correct License Server, an environment variable LSFORCEHOST should be set on each Client using network licenses. The value HOSTNAME, respectively the IP address of the License Server is assigned to the variable.

58 UNLIMITED PERFORMANCE



5.3 Licensing via Entitlement ID (License Activator)

Thanks to the enhanced ISD License Manager 2.0 the communication between the customer and the ISD could be facilitated significantly.

5.3.1 AutoRequest Licenses

When acquiring a HELiOS license, you will obtain one Entitlement ID for local licenses (Standalone) and another one for network licenses (Network). If you have several network servers, e.g. at different locations, you will obtain one Entitlement ID for each network server. These numbers will be required for the activation and deactivation of the licenses and the software modules.

Please keep the Entitlement ID! Without this number you cannot activate or deactivate licenses. In case of a system crash a reconstruction of the licenses cannot take place without the Entitlement ID!

After installing HiCAD/HELiOS you can find the program in the Windows Start menu at ISD Software und Systeme > Administration. Please note that for the execution of some functions, administrator rights are required.

The range of functions of the ISD License Manager depends on the activation of the License Administration Tools option. The information about this setting is entered in the Registry and can also be changed there subsequently if desired (please contact the Hotline).

To activate/deactivate Network Licenses, always start the ISD License Manager via the Windows Start menu: Select Start > All programs > ISD Software und Systeme GmbH > Administration. To avoid errors when activating/deactivating licenses, perform an update of the new ISD License Manager and/or the License Administration Tools beforehand.

Activate the License Activator tab and enter the Entitlement ID, your E-mail address and your Password. New customers obtain their password from the ISD Hotline. With this password you can also access the Download Area.

A sharehouston			Denting	extremtiontion	
EID a0e37757-d78e-	4bd1-8760-41sba12db6c0	E-meil: training@i	stgroup.de Password:		Login
	C Standalone	G Network	107 Selec	cal Eo	isplay trial licenses
HICAD Basic Modules			HIGAD Extension Modules	1	CAD Interfaces
HICLD Chee HICLD Steel HICLD S	ic Dro Dro Dro Dro Dro Dro Dro Dropoundy Suba Engineering Suba Engineering Suba Engineering Suba Engineering Suba Engineering Suba Drom Drob Drom Drom Drob Drom Drom Drom Drom Drom Drom Drom Drom		Short Midd Fridmannel Deart Deart	Railings yout Planning chosional oddie uit Module	status Tod orgen Visit oro
HELIOS Basic Module E HELIOS OF E HELIOS OF E HELIOS EN E HELIOS Ve	s Converter s tri procer procer procer rear		HELOS Extension Modules HELOS Spooler HELOS Spooler HELOS Reprix and Plot Men HELOS Replacation Administrator Tools HELOS Replacation EXP Interface FPS Special	ager Clent	Interface CONTRACT CONT

After entering the data, click **Login**. The ISD License Manager 2.0 connects to the ISD License Server and the acquired licenses will be displayed.

This process may take several minutes. You can then activate the licenses.

5.3.2 Activate Licenses

After successful login, the number of available licenses and the number of acquired licenses are indicated next to each module. Select the modules to be activated and click **Activate** to start the activation. For Server Licenses the modules are already pre-selected!

- Authentication	Nou have successfully	logged anto the ISD License Server.	
EID 00e3f757-d78e-4bd1-8760-41aba12db6c0	E-mail: training@isdgroup.de	Password:	Login Logout
- TSD Modules	17 Network	R Select all	E Doplay trial licenses
Hield State Holdes UL FriedDiscrete Societ Hold Conset Hold C	1400 DE 141 - 141	which Koldel sugeri Autoration Shee Held Projection Shee Held Projection Shee Sheet	CLD Traches Paper Tod Paper Tod

After successful activation a message showing you that all licenses have been successfully activated will be displayed:







You can then log out and start working with the HELiOS modules.

For Network Licenses, all modules will always be activated or deactivated (for further information about the operation of the License Manager, please read the Online Help for the License Manager.

In addition, you will receive an E-mail informing you about the activated modules.

5.3.3 Deactivate Licenses

A deactivation of licenses for modules will be required in the following situations:

- » Exchange of hardware or changing of hard disk partitioning
- > Update of the operating system (e.g. from Windows 7 to Windows 10) For updates within one version no deactivation will be required.
- » Transfer of local modules from one workstation to another
- » Acquisition of further modules, or return of hired licenses
- » Switch from local licenses to network licenses

Please note the following: All workstations with modules having the same Entitlement ID need to be deactivated completely before a redistribution of the module licenses can take place.

If you want to deactivate local licenses, or when you log on to the License Manager, please close all HELiOS applications beforehand.

After starting the ISD License Manager the activated modules will be highlighted in a different colour. Click the **Deactivate** button to revoke the activation of the modules.



A selection is not possible, as you need to deactivate all modules, no matter whether local licenses or network licenses.

The deactivation must not be disrupted, e.g. by a logout or the closing of ISD License Manager!

After successful deactivation the following message will be displayed:



5.3.4 Trial Licenses

If you select **Display trial licenses** after logging in, you will be also shown, besides all trial licenses with a limited period of validity, all purchasable licenses which are not simultaneously available as trail licenses.

5.3.5 Reconstruction of Licenses

As all licenses are stored on the ISD Server, you can, in case of an interrupted connection or an accidental deletion of licenses, restore all licenses by logging in with your Entitlement ID. The restoring will only function if the hardware was not changed (see 4.2.3.3 Deactivate Licenses).

5.3.6 Notes Regarding the Use of Mobile Computers (Laptops)

If you use a computer with WLAN card, Please make sure that the WLAN card will be either always switched on, or always switched off.

62 UNLIMITED PERFORMANCE



5.4 Commuter Licenses

Commuter licenses enable you to use network licenses even if the workstation is not connected to the Server. There are two ways of receiving commuter licenses:

- » Via direct checkout from the License Server
- » Via checkout from License Server, without network connection

5.4.1 Direct Checkout from License Server

Start the ISD License Manager application (while a connection to the Server still exists). Switch to the Commuter License tab.

License Activator Standalar	ELizense Info Commuter Lio	www Renote Loding Code Instal Renote	Authorisation Code HCAD Konfiguration HELIOS	Fonfiguration
132 100 10 232 == 001)		Check Server Name / IP	Searchnetwok	
III 🥰 HATHATADAA	and a second			
		7. 14.		
Land workste	on configuration	Check out authorisation for remote o	orquiter	
Load user	configuration	Commuter license: Validity in days		
			Ubdate licenses	
.0				

If you have set the system environment variable LSFORCEHOST, the entered License Server will be displayed as the preselected server upon start. Use the **Search network** button to automatically search for License Servers.

Expand the tree structure of the found Server by a click on the "+"-sign. The result looks as follows:

In the second se			
Loanse Activator. Standalone License Info. Commuter License	Remote Locking Code Install Remote Aut	horeation Code HCAD Konfiguration HEUCS Konfig	puration
192.168.10.232(av001)	Check Server Name / IP	Search network	
H C (112 168 10.233ar400)	Name	Description	
2100 10021 HGAD classic Version "2199.0"	Liceise name Liceise name on Server	HCAD solution	
- [D03] NEAD cleator Verson "2199.0"	License vention	2199.0	
[D05] HICAD Steel Engineering Version "	Maximum "License check OUT" duration Max number of simultaneous uses	Restricted to license explay 130	
[D08] Design Automation Version "21991	Commuter tokens scoupied	1	
[009] Elech Ptolessional Venion "2199.0" IO105 Sections Version "2199.0"	Commuter tokens tee License expire date	(II Sun Jan 31 23 59 59 2017	
[011] Metal Engineering Version "2199.0			
[013] Steel / Metal Engineering Version* [014] Steel Engineering Version*2199.1*			
[015] Steel Engineering / Data Vesion*			
[017] P+ID Schema Version "2199.0"			
[018] Two Soteen Solution Version "219 [019] Translator Version "2199.0"			
[020] Transpot and Assembly Technolog *			
· Income Contention	Deck out authorisation for remote comp.	les .	
Load workstation configuration			
Load user configuration	Commuter license: Validity in days	60	
		Notice Researce	
4			

Select the required licenses by activating the corresponding checkboxes on the left hand side. On the right hand side, information on the selected license is displayed.

In the **Commuter license: Validity in days** field, you enter the number of days that you want the commuter licenses to remain checked out from the Server. The maximum number of days is 60. By default (or if a "0" is entered), the value is set to 1.

For reasons of safety you should check out the licenses only for the required period! If a commuter license is lost, e.g. because of theft or a defect of the client computer, the license on the Server cannot be used any more before expiry of this date!

License Activator Standalure License 3-du Communer License	Remute Louising Code Install Remote Aut	Norsation Code HICAD Kanfiguration HELIOS Kanfiguration	
192.150.10.232(inv001)	Check, Server Name / IP	Search returns	
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Last and their conference	Check out authoristion for remote comps	ier i	
Load user configuration	Commuter license: Validity in days	1 10	
1	E	Update Konner	

After entering the expiry date for the commuter licenses, activate the **Update licenses** button.

License Activator Standalore License 215 Common	Ann Me Alenate Ladang Lobe Inicial Kenicte Aut	hansebon code Histaci Konfiguration HELICS Konfiguration	
192.168.30.232(a+001)	Dack Server Value / In	Stardinetwolk	
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CONTRACTOR STATE CONT	·*		
Load work station configuration	Check suit authorization for remote compa	ám.	
Lost user configuration	Coverset Validly in days	1 60	
1		Updat Konora :	

Commuter licenses are checked out from the Server.



Ucense Activitizi Standidone Ucense Info Commuter Licens	Remote Locking Code Install Remote Aut	herisaton Code HICAD Konfiguration HEJOS Konfiguratio	n
192 168 10 212(ev001)	Check Server Name / P	Cased rations	
0011 Per Manager Viewar 2199 7	Name	Description	
0001 HIGID casue: Verson "21990"	Licence name	HIGHD creator	
- 2 4 (000) HICLD creator Version "2195.0"	License name on Server	3	
- [304] HiCtD solution Version '2199.0"	Maximum "Linesce charth CUT" deadlost	Participat to Brance agrice	
100714/CID X / AV Vision "2295 0"	Max number of simultaneous users	100	
[008] Devign Automation Version "2199.	Commuter tokens occupied	1	
[009] Blech Phylessional Version "2199.(Cananuter tokens free	01	
- 2192 [010] Sectors: Version "2193.0"	License ospig date	SunJan 31 23:53:59 2017	
- 2 gr [011] Metal Engineering: Version "2138.0			
2014) Steel Engineering Version "2'99.0"			
1015) Steel Engineering / Stain: Version*			
-EIII (016) Pipeline Isometry Version "2199.0"			
 (017) P+O Schema Version "21990" (017) P+O Schema Cel Sch Star 2010 			
019 Translator Version "2199.0"			
1020 Transpot and Assembly Technolog. *			
1	and there are not the	•	
Trading and a star conference	Check out authorisation for remote comparison	Ant	
Load work match computation			
Load uner configuration	Constute license: Validity in days	1 📖	
See States Sectores A			
	6	Update koenses	
		and the second	

All selected licenses are now checked out from the Server and you possess all rights on your computer for the specified validity period for the commuter licenses. This means that you are enabled to work network-independent. The checked out licenses are no longer available to the other computers on the net.

You can however also return the commuter licenses before their expiry date. To do this, you need to connect to the Server, deactivate the checkboxes on the left hand side and click the **Update licenses** button. All licenses are now made available on the Server and locked on your computer, i.e. you can now only use HELIOS if there is a connection to the License Server. The licenses made available again can now also be used from other workstations.

© ISD licence Manager 3.0 (2000.2.221.0)			action for the second
Tools			
License Activator Standalone License Julio Commuter License	Remote Locking Code Install Remote Aut	horsation Code HCAD Konfiguration HELIOS Konfiguration	i
192 :60 18 222 ov 001)	Check Serve Name / IP	Esarch network	
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Losd use configuration	Commuter licence: Validity in days	1 60	
I-S-D	ļ	Updile konves	,-

5.4.2 Checkout from License Server, Without Network Connection

Commuter licenses can also be drawn from the License Server without an existing network connection.

Please note that administrator rights are required.

Commuter licenses checked out in this way cannot be returned to the License Server! This means that the commuter licenses that have been checked out from the Server are only (automatically) made available again after their expiry date.

Several steps are required for this, by the administrator having a network connection to the License Server, as well as by the Client having no network connection to the License Server.

The Client starts the **ISD License Manager** tool, switches to the **Remote Locking Code** tab and sends the generated character set to the administrator (via E-mail or over the phone).

License Activator SI	tandalone License Info Commuter Licens	e Remote Locking Code	Instal Remote Authorisation Code	HCAD Konfiguration HELiOS Konfiguration
Identification string				
Identification shin	g of current computer:			
7203926363434	2133383227363624173325693338613068	38322a474 monomore		
	Copy to clipboard	Save as file		
Send to e-mail recei				
Send identification	n string to E-mail receiver			
Final address	administrator@isdgroup.de			
		[-	
		Serd		
1				

The administrator starts the **ISD License Manager** and switches to the **Commuter License** tab. The License Server is selected, and the required licenses (modules) are activated in the left window. To checkout a remote commuter license the administrator now needs to activate the **Check out authorisation for remote computer** checkbox.

68.10.222(sn-001) Check Server Name / IP Search network	
Pi 19:1011001 New Decode/on D0011001 New Yealm (21) State Common Annual	
Load user configuration Commuter license: Validity in days	
Lad aut configuration Commuter Korne VidBy in days Update Kornes Update Kornes	

A click on the **Update licenses** button opens a new dialogue window, in which the administrator enters the character set received from the Client.



and a chartener.	and the state of the state of the	-	Contract of the second se	and a second provide the second second	
192 168 10 2320	rv001		Deck Server Name / IP	Search net-cali	
	68.10.232(ev301) 07.1Pot Manager: Ven 03.1HGAD cleans: Ven 03.1HGAD cleans: Ven 03.1HGAD cleans: Ven 03.1HGAD statel Engen 03.1HGAD VI / AV Ven 04.1 Degr. Astronomic 05.1 Sections: Vension 2 10.1 Sections: Vension 2	een "2199.0" ison "2199.0" ison "2199.0" eeng Vesson" rison "2199.0" Vesson "2199.0" Vesson "2199.0" Vesson "2199.0"	None Lorsse name Lorsse name on Server Lorsse version Maintum "Lorsee check 001" duation Mainum "Lorsee check 001" duation Mainum "Lorsee check 001" duation Mainum "Lorsee check 001" duation Mainum "Lorsee check 001" duation Communication tote	Description HGAD clanic 2 2198.0 Residend to licence explay 10 10 10 50 50 July 23/58/59,2007	
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	Load user confiquation		Counsiler licence: Validity in days	1 00	
				Update lownam	

After selecting OK, another dialogue opens, in which you enter the target path and the file name for the licenses to be swapped out.

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Click OK to check out the commuter licenses from the License Server and swap them out to a file, e.g. RemoteLicCode.lic.

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The successful checkout will be confirmed. The administrator then sends the file RemoteLicCode.lic to the Client.

After receiving the file with the commuter licenses, the Client starts the **ISD License Manager** again and activates the **Install Remote Authorisation Code** tab. Here the received commuter licenses can be installed directly via file selection or via copying of the file contents.

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Click the Install... button to install the commuter licenses on the Client.

After successful installation, switch to the **License Info** tab. Press the F5 (Update) key on your keyboard. You are now informed which licenses are installed locally on the computer.

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5.5 License Configuration HELiOS

Some cases may require the use of only certain specific licences on a computer. Example: On the License Server, **HELiOS** and **Plot Manager** licences are available. On one Client, HELiOS is to be started, on another Client, the HELiOS Plotmanager. If the selected license is no longer available, an application start is no longer possible.

If there are several basic modules in a standalone (workstation) license (to which also the Commuter Licenses belong), it is mandatory to make a pre-configuration and save it as workstation configuration. If no pre-configuration is possible, the HiCAD/HELiOS configuration tab will be displayed before the start of HiCAD/HELiOS. If the selected configuration does not match the available licenses, a warning message will be issued, with a list of available licenses. After this, the configuration selection will be displayed again.

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On the **HELIOS Configuration** tab of the **ISD License Manager** tool you have the option to save a workstation or user configuration for individual Clients.

- Save as workstation configuration: This configuration will be saved for all users of this computer. When HELiOS is started, the selection window is no longer displayed (administrator rights are required for this).
- » Save as user configuration: This configuration is only saved for the current user. When HELiOS is started, the selection window with the saved configuration is always displayed.

These licence configurations apply to network licenses and standalone (workstation) licenses.

5.6 Important Softlock/Hardlock Information

When using the softlock/hardlocks as selector for the license file, please note that for system-inherent reasons the date must not be reset! Such resetting causes a blocking of the softlock/hardlock that can only be revoked by the ISD by means of a re-programming. In such cases, we would have to charge you the costs of this unnecessary additional work.

A change of the system time is possible, as long as it is not date-comprehensive.

If you deem such date conversion absolutely necessary, please inform our staff on the hotline in good time.

ISD Software und Systeme GmbH

 Phone:
 0049 - 231 / 97 93 - 166

 Fax:
 0049 - 231 / 97 93 - 101

 Mailto:
 hotline@isdgroup.com

IMPORTANT: If you have a 64Bit version of HELiOS, the hardlock can no longer be used as license file selector due to missing driver support!



5.7 Theft of a Workstation

The user is responsible for appropriately insuring the HELiOS workstations against theft. If desired, we can tell you the reinstatement value of your software. If a workstation is stolen, you will need a new license. In such cases, please send us the police report of the theft first. We will then provide you with a license for a limited period of time, and submit an offer for a new license to you. The ISD will send you the new license after clarification of the case with your insurance and receipt of your payment for the license fee.

6 HELiOS at a Glance

On the way to the finished product, time expenditure, the cost situation and product quality can only be optimised if all departments of a company work together efficiently. This requires a well-structured and efficient exchange of information between the parties involved in the production process - from Manufacturing, Purchasing and Service to Marketing and Sales.

HELiOS is a state-of-the-art PDM/PLM system providing all essential tools for an error-free logging, management and distribution of the data required for the production process chain. Once saved, these data can be re-used within the entire company and for the complete product life cycle. HELiOS manages and controls all process cycles by regulating and monitoring the processing and transfer of these data.

Thus, the know-how of the company will be used optimally, redundant work can be avoided and error sources will be eliminated.

HELiOS combines Product, Process and Peripherals Management to form a single system, thus making HELiOS the "knowledge reservoir" of your company.

HELiOS can be integrated in your overall CAD system or used as a stand-alone system, the so-called HELiOS Desktop

Thanks to its modular structure, HELiOS can be optimally adapted to company-specific requirements.


7 First Steps

7.1 Program Call

Start the HELiOS Desktop by double-clicking on the HELiOS.EXE file in the \HELiOS\exe directory or via the

program icon 😕 on your Desktop.

Default setting is the project-independent start. Please note that the list view in the right-hand window will not be shown when you start HELiOS Desktop for the first time. Select a project first and display the list view via **View** and then **Lists**.

If you have not ended HELiOS correctly during your last session, you will receive an error message from the Vault Server.



Improvements of the HELiOS functionality require a regular updating of the database; if the database version is no longer up to date, HELiOS displays a corresponding message (version numbers may vary) when it is launched. In this case, please read the information in Chapter "Updating the HELiOS Database".

7.2 Registration

The HELiOS User Management is based on the User Management of Windows. If several users are registered with the same Windows User Name in EDBSETUP, a login mask will appear when starting HELiOS Desktop.

Name and active group enable the user to login with the rights guaranteed by the User Management.

If you select a project from the **Active Project** drop-down list, this project will be opened after starting HELiOS Desktop. If you select the project-independent setting, all documents will be displayed.

Start the HELiOS Desktop with Login (see below).

To ensure that a specific project will be opened after starting HELiOS Desktop, you need to specify a Start Project. On the Ribbon, activate the **Tools** tab, then select **Options**, activate in the dialogue the **General** tab and choose a start project.

7.2.1 Login

Use the **Login** in function for a new login while working with HELiOS Desktop, e.g. to work with different rights without having to exit the program.

Activate the Login in function on the QuickAccess toolbar.

Select a different user.

Change the active project if required and confirm the new settings with Login.

7.3 The News window

In order that you can take full advantage of the numerous new features and enhancements offered by HELiOS 2016, check out the videos explaining the new and changed HELiOS functionalities. From now on we will provide you with such videos with each Major Release and Service Pack to keep you constantly informed in the best possible way.

You can configure the display of the News window at the bottom left. Please note that you can configure the display of the News window at the bottom left. We recommend using the **Show most recent news** option to ensure that you will never miss any news about HELiOS. If you selected the **Show never** option, you can call the News window again at any time and change the display option by clicking on the "?" symbol at the top right and selecting **Show news**.

74 UNLIMITED PERFORMANCE



8 How to Use the Help

The Online Help provides you with information, descriptions and examples on all functions and techniques which are available in HELiOS.

Please note that the scope of available functions may vary, depending on the configuration level of your HELiOS product. This means that some of the functions described in the Online Help may not be available in your system.

The Help will be available both locally (status of the installation DVD) and on the Internet (regularly updated) at help.isdgroup.com. Both versions of the Help can be called from HELiOS. In the **HELiOS Options** window, open the Help tab and select **Online** or **Local**.

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To call the Help, click the "?" symbol at the top right of the window and choose HELiOS Desktop Help.



To be able to use the Internet version of the Help, you need to register for the ISD's new company Wiki once. This will not only give you access to the new Help, but also provide you with many other information that is available in the ISD Wiki (Forum, Download area etc.).

Click Sign up in the login window of the Online Help to register. If you have already been registered, enter your access data and click Login to get directly to the start page of the Online Help.





8.1 Register for the ISD Wiki

After clicking Sign up in the Login window of the Online Help, enter the data required for the ISD Wiki in the dialogue window. Confirm the security prompt and click the Sign up button.

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Already have a u	sername and	password? Log in	n here			

After the registration the dashboard of the ISD Wiki will be displayed. A message indicates whether you have been authenticated as an ISD customer.

If you could be identified as an ISD customer, you can now directly launch the Online Help using your registration data.

If you could not be identified as an ISD customer, please perform the steps described in the message.

9 What's New in HELiOS 2016?

A detailed overview of all new features and enhancements contained in Version 2016 can be found in the What's New? topic of the Online Help.

Alternatively, you can click the NEWO button in the Help.

Clicking the **PDF** button opens an overview of the new features in PDF format in the in the download area of the ISD Wiki.

78 UNLIMITED PERFORMANCE



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