# HELOS 2012

Getting started

System requirements Installation guide Licensing Update Information First Steps News

THE WORLD OF CAD AND PDM SOLUTIONS



UNLIMITED PERFORMANCE

#### © 2012 ISD ® Software und Systeme GmbH. All rights reserved.

This User Guide and the software described herein are provided in conjunction with a license and may only be used or copied in accordance with the terms of the license. The contents of this User Guide solely serve the purpose of information; it may be modified without prior notice and may not be regarded as binding for the ISD Software und Systeme GmbH. The ISD Software und Systeme GmbH does not assume any responsibility for the correctness or accuracy of the information provided in this document. No part of this document may be reproduced, saved to databases or transferred in any other form without prior written permission by the ISD Software und Systeme GmbH, unless expressly allowed by virtue of the license agreement.

All mentioned products are trademarks or registered trademarks of their respective manufacturers and producers.

The license management portion of this Licensee Application is based upon one or more of the following copyrights:

Sentinel®RMS © 1989-2006 SafeNet, Inc. All rights reserved.

Sentinel®EMS™ © 2008-2009 SafeNet, Inc. All rights reserved.

Sentinel® is a registered trademark of SafeNet, Inc.

UNLIMITED PERFORMANCE



THE WORLD OF CAD AND PDM SOLUTIONS



# **Getting Started**





THE WORLD OF CAD AND PDM SOLUTIONS



1	Important Installation Information	8
1.1	System Requirements for HELiOS	8
1.2	Hardware Requirements License Server	9
1.3	Hardware Requirements Vault Server	10
1.4	System Requirements for the HELiOS Internet Server	11
2	Installation	12
2.1	Installing HELiOS	13
2.2	Installing the Online Help	19
2.3	Installing the Vault Server	22
2.4	Installing the HELiOS Spooler	26
2.5	Installation of HELiOS Internet Server	29
3	Important Notes on Updates	32
3.1	HELiOS Update	32
	3.1.1 Perform Update	33
3.2	Important Notes on Updates to Version 2012	35
	3.2.1 Licensing	35
	3.2.2 Perform HELiOS Installation	36
4	License Installation Guide (Version 2012)	37
4.1	General Information about Licensing	37
	4.1.1 Local (Workstation-Specific) Licensing	37
	4.1.2 Network (Server-Controlled) Licensing	38
	4.1.3 Practical Examples of Network Licensing	
4.2	Network Licenses	
	4.2.1 Server Installation	41
	4.2.2 Client Configuration	46
4.3	Licensing via Entitlement ID (License Activator)	47
	4.3.1 AutoRequest Licenses	47
	4.3.2 Activate Licenses	49
	4.3.3 Deactivate Licenses	50

 $\left( 6 \right)$ 

# HELIOS

	4.3.4	Trial Licenses	51
	4.3.5	Reconstruction of Licenses	51
	4.3.6	Notes Regarding the Use of Mobile Computers (Laptops)	51
4.4	Comm	uter Licenses	52
	4.4.1	Direct Checkout from License Server	52
	4.4.2	Checkout from License Server, Without Network Connection	56
4.5	License	e Configuration HELiOS	60
4.6	Import	ant Softlock/Hardlock Information	62
4.7	Theft o	f a Workstation	62
5	License	es Installation Guide (Version 2011)	63
5.1	Genera	te Identification Code and Send to ISD	63
5.2	Local L	icenses	67
5.3	Revoke	Network Licence for Hardware Component Exchange	69
5.4	Revoke	Local License for Hardware Component Exchange	73
6	HELiOS	S at a Glance	75
7	First St	teps	76
7.1	Progra	m Call	76
7.2	Regist	ration	76
7.3	Login		77
8	How to	Use the Help	78
9	What's	New in HELiOS 2012?	

THE WORLD OF CAD AND PDM SOLUTIONS



# 1 Important Installation Information

#### 1.1 System 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:
  - Pentium 4 compatible processor with SSE2 support
  - 1 GB RAM
- » Supported operating systems:
  - Windows XP (with current service pack and security patches)
  - Windows 7 (with current service pack and security patches)
- » Supported database systems:
  - Microsoft SQL Server 2000
  - Microsoft SQL Server 2005
  - Oracle Database Server 8i
  - Oracle Database Server 9i
  - Oracle Database Server 10g
- » Microsoft .NET Framework 4.0 or higher and Visual C++ Runtime Libraries need to be installed on the computer before HELiOS 2012 can be used; these packages are installed by the HELiOS installer if necessary.
- If you want to work with HELiOS, one of these database systems needs to be available and prepared for HELiOS. Installation instructions (in .pdf format) and appropriate implementation of the server system can be found in the **Readme** directory of the HELiOS Installation DVD.
- » Current information on system requirements can also be found on the Internet at <u>www.helios.isdgroup.eu</u> > Service & Support > FAQ.

8



#### 1.2 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	Windows Server 2003 (32 & 64-Bit)	
(Server)	Windows Server 2008 (32 & 64-Bit)	
	Windows Server 2008 R2 (64-Bit)	
Operating System	Windows XP (32 & 64-Bit)	
(Client)	Windows Vista (32 & 64-Bit)	
	Windows 7 (32 & 64-Bit)	
IP/MAC Adress	A static IP address is required for an error-free operation of the license server.	
	For virtual servers a static MAC address needs to be available.	

A license server program need not run on a file server system or any specific hardware server. Any computer that meets the requirements is acceptable.

### 1.3 Hardware Requirements Vault Server

Processor (CPU):	Pentium III-compatible processor, Minimum: 1,0 GHz	
RAM:	Minimum: 1 GB, Recommended: 4 GB or more	
Graphics Card:	VGA (no special requirements)	
Hard disk:	For software: 100 MB For user data: Depending on the amount of data to be	
	(distribution over several volumes/drives possible, redundant array of independent disks (RAID) for primary user data recommended)	
Operating system (virtual servers also possible):	Windows XP SP3 Professional Windows XP SP2 x64 Professional Windows 7 Professional Windows 7 x64 Professional Windows Server 2003 SP2 Windows Server 2003 R2 SP2 Windows Server 2003 R2 SP2 Windows Server 2008 SP2 x64 Windows Server 2008 SP2 x64 Windows Server 2008 R2 x64	





#### 1.4 System Requirements for the HELiOS Internet Server

- » Microsoft Internet Information Services, Version 7 or higher, with CGI support. This is part of Windows Server 2008/Windows 7, but needs to be installed separately.
- » Installed HELiOS Version.

### 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 DVD has been developed for Windows operating systems. When inserting the DVD, an installation wizard is 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.



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

**Microsoft** .NET Framework 4.0 or higher and Visual C++ Runtime Libraries need to be installed on the computer before HELiOS 2012 can be used; these packages will be installed now if required.



Ite following components will be installed on your machine:   Visual C++ 2010 Runtime Libraries (x64) SP1   Do you wish to install these components?   If you choose Cancel, setup will exit.   Install Cancel
HELIOS 2012 Setup
Welcome to the HELIOS 2012 Setup Wizard The Setup Wizard will install HELIOS 2012 on your computer. Click Next to continue or Cancel to exit the Setup Wizard.
HELIOS 2012 Setup
Destination Folder
Please specify the destination folder
Install HELiOS 2012 to:
C:\Program Files\HELiOS\
Change
Back Next Cancel





Select an installation directory.

🖟 HELiOS 2012 Setup	
Lizenzmanagement Lizenzhinweise und Einstellungen	
Hinweis zum Hardwaretausch Bei Verwendung von lokalen HiCAD/HELiOS/HELi Lizenzen muss vor einem Austausch von Hardwarekomponenten, Änderung der Partitioni bzw. der Neuinstallation des Betriebssystems HiCAD-Arbeitsplatz die vorhandene Lizenz ges und mit der neuen Hardware bzw. geänderten Konfiguration ein neuer Lizenzschlüssel ange werden (genauere Informationen zur Vorgehens	LCON- lerung 3 am sperrt efordert sweise
Zurück Weiter	Abbrechen

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 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).

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.



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

🖟 Erweitert	e Einstellung	jen	
HELIOS	Allgemein	1	
System-Date	nquelle	HeliosBauteil	
Benutzer		hicad	
Passwort		••••	
🕅 Vault Clie	int	Adresse Port 9000	
SmartSearch	-Server	Configuration	
PrintClier	nt verwenden	Server	
		OK Speichern Abbrechen	

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 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

16



computer on which the Spooler is installed. The Spooler collects the print jobs and processes them, taking your settings into account.

🖟 Erweiterte Einstellur	ngen	<u>- 🗆 ×</u>			
HELIOS Allgemein					
Installationsverzeichnis	C:\Program Files\HELiOS\				
	Update-Installation				
Lizenzadministrations-Tools aktivieren					
	OK Speichern Abbrechen				

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.

谩 HELiOS 2012 Setup	
Ready to install HELiOS 2012	I-S-D 🌑
Click Install to begin the installation. Click Back to review or ch installation settings. Click Cancel to exit the wizard.	ange any of your
Extended Settings	
Back	stall Cancel

If you leave the Extended Settings dialogue with OK, the installation will be started.



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

18



#### 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.

	Programme Hilfe	HELiOS Update für HiCAD 2011	
Die Hilfsdateien müssen nur bei fahlenden Internetverbindungen installiert werden.		HELiOS Update für HiCAD 2012	
10	HELIOS Hilfe		
	Administrator Tools	Server Installationen	
	Die Installation dieser Komponente darf nur auf dem Lizenzserver erfogen.	HELiOS Spooler	
	SafeNet Lizenz-Server	HELiOS Vault Server	
10		HELiOS SmartSearch Server	

Click the **HELiOS Help** button.



HELIOS Documentation Setup	
Destination Folder Please specify the destination folder	1·5·0 <b>D</b>
Install HELiOS Documentation to:	
C:\HiCAD\	▼
Change	
	Back Next Cancel

Specify the installation directory for HELiOS.

HELIOS Documentation Setup	
Ready to install HELiOS Documentation	I-S-D 🍽
Click Install to begin the installation. Click Back to review or change installation settings. Click Cancel to exit the wizard.	e any of your
Back	Cancel







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.

	Administrator Tools	Server Installationen	
Die Installation dieser Komponente darf nur auf dem Lizenzserver erfogen.		HELiOS Spooler	
	SafeNet Lizenz-Server	HELiOS Vault Server	
		HELiOS SmartSearch Server	
		HELiOS Internet Server	
	<mark>Um di</mark> e Installationsanleitungen lesen zu können, muss der Ac	sobe® Reader® installiert sein.	

Click the Vault Server button.







📴 HELiOS Vault Server-Setup	
Zielordner	1·S·U 🕥
Bitte wählen Sie den Installationsordner	
HELIOS Vault Server installieren in:	
C:\Program Files (x86)\ISD Software und Systeme\HELiOS Vault Server\	
Ändern	
Zurück Weiter	Abbrechen

Specify the installation directory of the Vault Server.

🔂 HELiOS Vault Server-:	5etup		
Konfiguration HELiOS Vault Server E	instellungen		
Server-Name	ISDVAULT		
Server-Port	9000		
		Zurück	Neiter Abbrechen

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-Sel	tup	
Konfiguration Server-Verzeichnisse		1-S-D 🎱
Dokumentenverzeichnis	C: \HELiOS Vault ISDVAULT\Dokumente\	
Verwaltungsverzeichnis	C: \HELiOS Vault ISDVAULT\Verwaltung\	
Logverzeichnis	C:\HELiOS Vault ISDVAULT\Logdateien\	
Logdatei-Name	ISDVAULT.log	
	Zurück Weiter	Abbrechen

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  $\ensuremath{\text{Log}}$  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 the Install button.



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 Spooler

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

#### $\sim$ If you use Windows XP, Service Pack 3 is required for the Spooler.



Click the HELiOS Spooler button.







HELiOS Spooler Setup		×
Destination Folder Please specify the destination folder	i	·S·D 🌮
Install HELiOS Spooler to:		
C:\Program Files\HELIOS Spooler\ Change		
	Back Next	Cancel

Specify the installation directory for the software.

HELiOS Spooler Setup	
Configuration HELiOS Spooler settings	150
Plot directory	
C:\HICAD\plo\	
	Back Next Cancel

Specify a default directory for the management of the print files.



After successful installation, the HELiOS Spooler will be located in the program folder.



#### 2.5 Installation of HELiOS Internet Server

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.

#### $\sim$ If you use Windows XP, Service Pack 3 is required for the Spooler.



Click the HELiOS Internet Server button.



HELiOS Internet Server-Setup	
Zielordner Bitte wählen Sie den Installationsordner	1°5°D 🌑
HELIOS Internet Server installieren in:	
C:\Program Files\HeliosIS\	
Andem	
	Zurück Weiter Abbrechen

Specify the installation directory for the software.

🙀 HELiOS Internet	Server-Setup		_ 🗆 X
Konfiguration HELiOS Interne	t Server Einstellungen	151	
Für den HELiOS In freie Portnummer dass die Website r anderen Website l	ternet Server wird eine neue Website an, auf der der Server die Website zu licht gestartet werden kann falls der g belegt ist.	eingerichtet. Bitte geben Sie r Verfügung stellt. Beachten S gewählte Port bereits von eine	eine Sie, er
Port	80		
	Zurüc	k Weiter Ab	brechen

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**.





Start the installation.

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

# 3 Important Notes on Updates

#### 3.1 HELiOS Update

When making 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 HiCAD/HELiOS. To update the database schema, use the program **HeliosDbUpdate.exe**. Please note the following:

#### Important

When making 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.

After a HELiOS update from Version 2008 (or older) to Version 2012, the database must be additionally converted from the ANSI to the Unicode character set.



#### 3.1.1 Perform Update

The update can be performed from any HELiOS/HiCAD 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/HiCAD installation.

The following	mask will	be displayed	after starting	the program:
0			0	

HeliosDbUpdate: Maintenenance of HELiOS neXt database schema	×
Update	Close Software-Version: 27 / 119 Database-Version: 27 / 118 Re-determine Check update capability of active database

Click the **Update database...** button to start the update. The following message will be displayed:



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



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 must be identical.





#### 3.2 Important Notes on Updates to Version 2012

#### 3.2.1 Licensing

Version 2012 can be obtained either on an installation medium (DVD), or via download from the ISD Homepage.

As of HELiOS version 2010 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 4.3).

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 License Pool.

After updating HELiOS (from Version 2008 or older) to Version 2012, you must return your workstation dongle to the ISD. You can then no longer use any older HELiOS versions.

#### Perform HELiOS Installation 3.2.2

The installation of version 2012 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 of version 2010 to version 2012: An installation by the ISD is recommended.
  - Update of version 2008 (or older) to version 2012: An installation by the ISD is recommended. The update installation includes a data conversion to UNICODE format.
- » 3rd party CAD with HELiOS
  - Update of version 2010 (or older) to version 2012: An installation by the ISD is recommended.




### 4 License Installation Guide (Version 2012)

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.

### 4.1 General Information about Licensing

### 4.1.1 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.

### 4.1.2 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 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!



### 4.1.3 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.

## For computers possessing a WLAN card: Please switch off the WLAN card before executing the Get Identification Code command!

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. As of Version 1701 the activation status of the WLAN card will no longer be relevant.

### 4.2 Network Licenses

To be able to use network licenses, a License Server needs to be installed on a computer without  $\ensuremath{\mathsf{HELiOS}}$  .

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). As of Version 1700 such scenarios can be realised in a much more convenient manner with a new licensing procedure.

### OPlease note:

- As of 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 <u>not</u> to perform such installations.
- A static IP address is required for a correct operation of the License Server!





### 4.2.1 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.

2	Die Hilfadateien müssen nur bei fehlenden Internetverbindungen installiert werden.	HELiOS Update für HiCAD 2011
	HELIOS Hilfe	HELiOS Update für HiCAD 2012
0)	Administrator Tools	
$\cap$	Die Installation dieser Komponente darf nur auf dem Lizenzserver erfogen.	Server Installationen
	SafeNet Lizenz-Server	HELiOS Spooler
10		HELiOS Vault Server
		HELiOS SmartSearch Server
	Um die Installationsanleitungen lesen zu können, muss der A	dobe€ Reader€ installiert sein.

Start the installation of the SafeNet License Server.



뤻 Sentinel RMS License Manager 8.2.3 - InstallShield Wizard	
License Agreement Please read the following license agreement carefully.	RMS Iment Kit
License Grant/Warranty for Software	
This License describes limited rights granted by SafeNet, Inc. and/or one subsidiaries (such grantor, "Seller") to the Buyer. <b>A.</b> The term "Software", as used herein, shall mean a program or progr consisting of machine readable logical instruction and tables of informatio designed as libraries or drivers to work in conjunction with Seller's Sentin Keys ("Products"). Title to all Software furnished to Buyer hereunder shal to main Seller. Seller grante to Buyer a new periodicine new tempforely	ofits ams n al I <u>v</u>
I accept the terms in the license agreement     I do not accept the terms in the license agreement InstallShield	<u>Print</u>
< Back Next > C	ancel

🖟 Sentinel RMS License Manager 8	8.2.3 - InstallShield Wizard 🛛 🛛 🕅
Customer Information Please enter your information.	Sentinel RMS Development Kit
User Name:	
username	
Organization:	
l.	
Install this application for:	
Anyone who uses this compared who uses this compared who uses the second sec	omputer (all users)
Only for <u>m</u> e (smichin)	
InstallShield	
	< <u>Back</u> <u>N</u> ext > Cancel











🙀 Sentinel RMS License Manager 8.2.3 - Instal	lShield Wizard 🛛 🛛 🛛
Ready to Install the Program The wizard is ready to perform selected operation.	Sentinel RMS Development Kit
Click Install to begin the installation.	
If you want to review or change any of your installation exit the wizard.	n settings, click Back. Click Cancel to
InstallShield	Install Cancel





🙀 Sentine	l RMS License Manager 8, 2, 3 - InstallShield Wizard 📃 🔲 🔀
<b>Installing</b> The prog	Sentinel RMS License Manager 8.2.3 ram features you selected are being installed. Sentinel RMS Development Kit
17	Please wait while the InstallShield Wizard installs Sentinel RMS License Manager 8.2.3. This may take several minutes. Status:
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.



### 4.2.2 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.

(46) UNLIMITED PERFORMANCE



### 4.3 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.

### 4.3.1 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.

ear musterfrau@isdgi ongratulations! An cg	roup.de, stitlement has been cre	ated for you with the	following details:			
Entitlement Details						
EID:	2ddbc643-343	e-4ec4-aed4-7bd5t	oc44cfe1	Start	Date:	01/18/2012
Customer:				End I	Date:	Never Expires
Contact:	musterfrau@is	dgroup.de				
Associated Products						
Product number		Quantity	Remaining quantity	Start Date	End Date	Status
E102SOL1001 17	00.0	2	2	01/18/2012	03/31/2012	Enabled
E107BIB1001 170	0.0	2	2	01/18/2012	03/31/2012	Enabled
E130SMB1001 17	00.0	2	2	01/18/2012	03/31/2012	Enabled
MasterLic 1700.0		2	2	01/18/2012	03/31/2012	Enabled
ow, follow the steps Start ISD License M Change to tab "Licer Log on using the Ell Chick licenses to act Click on Activate bu or further assistance, ontact No Tel. +49 mail - hottine@istoger	given below to activate anager 2.0. ise Activator" D, registered E-Mail a tivat. atton. contact us using the fo (0)231-9793-166 aup.de	e and manage your en nd Password (ISD do llowing details:	istlement. wnload area password).			

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).

 $\bigcirc$  To activate/deactivate Network Licenses, always start the ISD License Manager (x32 Server) via the Windows Start menu: Select Start > All programs > ISD Software und Systeme GmbH > Administration.

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.

License Activator License Info Commuter Licen	se Aenote Looking Code	Instal Remote Authorisation	Code HICAD Konfiguration HELIO	S Konfiguration Revoke S	erver License   Ravoka Stand
Authentication			Executing authors	faulter.	
ED 1c5078-023-4732-bd5c-ec87d86911	b2 E-mail license,	request@isdgroup.de	Password ******		Login Tripout
150 Module	O Network	O Redundant Network		Select all	Display trial licenses
HICAD Basic Madules	HICAD Extension Mode	/es	Symbols / Standard Parts		
HCAD unstato HCAD unstato HCAD subton HCAD sumf feedmenning HCAD subton HCAD subton HCAD subton HCAD subton Peter Explorence and permit Mechanical forgineting subton Mechanical forgineting subton Mechanical forgineting subton Explorence subton Subton Subton HCAD subton Subto	Meet Serial procession Meet Series and Series Series Report Reserves 2-0 Peter Engineering 2-00 Lapost Reining Serie Cogneticity Series Cogneticity Series Cogneticity Series Cogneticity Series Cogneticity Peter Network Public Translator Translator		2-0 Stendard Parts (         -2-0 Mechanical Engl         -2-0 Mechanical Engl         -2-0 Mechanical Engl         -2-0 Mechanical Engl         -2-0 Stendard Parts (         -2-0 S	enrings, Shaft Accession hournabic Cyclinders, Hul- toxinstic Cyclinders, Hul- kashing, Shaft Accession meuroatic Standard Parts a seering Standard Parts a seering Standard Parts a w Chart Symbols Tombols Gsandard Parts	(I) conie Connections) en, Pris, Rivets) (I) conie Connections) ts complete complete
Sheet Metal suite	_ Toolbox var L	Ibrary Management	CAD Interfaces		Interfaces
Stere shows using premium Metal Engineering using classifier Metal Engineering using the Stere Engineering Package 000 Reet Engineering Bio state Package 000 Reet Engineering Bio state Package 000 RECAD Ensite State RECAD Ensite State RECAD Ensite State RECAD Ensite State	HIGH States HIGH States Design Varian Period States HELOS Extension Mod HIGH States HELOS Extension Mod	i Manager professional fa ten with Assembly Pormula dation lakes A Management ation Musicula ation Musicula	DKF/OWG - Read ACS - Read Parasolist - Read CATIA VS - Read CATIA VS - Read VDAFS Insport 77 Insport Suid/Works Read	DOU/IDWG - Write AC25 - Write Parasolid - Write CATSA V5 - Write Poid - Write liges - Write VDAFS Esquert IT Esport IFS Interface	ROHMZ KlasSoft WCAM Interfac DSTV Canatrus DSTV Products DSTV Products SDNF SDNF
HELIOS Basic Modules	AutoCAD Inte	equation Module craticy Module	Unionphics Read	Repair Tool Inventor Reput	
HUDS Franker HUDS VSCAD BM-PLM suite HUDS VSCAD BM-PLM suite HUDS Forthert Server HUDS Strainert HUDS Strainer	Solid/Works I Lats of Orean Mask Editor WaskEow Co Role Workfoo Vaur Cliere HELUOS Prior Heliuos Replic	riepation Module cheristics ofigurator e and Plot Manager Client aton	195 Interface Sales Pather HICAD Native Convert	PPS Special CAD Interface	

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.

48



### 4.3.2 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 preselected!

-										
-	Korrot Activitor License Infe Commuter Licen	nae Aeros	le Loding Cod	e Instal Remote Authorisation	Code HG	AD Konfiguration   +	ELCS Kar	Apretion Amole	Server Lizens	e Revoke Stand
	Authentisation			The Paint succ	websity int	cond units the CED 1	icentie Se	100		
	BD 1c54078-4023-2732-balle-ec87a84913	16.2 6-	mait license	,request@isdgroup.de	Passwort	• •••••			Login	Logout
	BD Module	0)	Network.	C Redundant Network			🖾 Sele	nai C	Display th	al licenses
	HICAD Basic Modules	HICAD E	intension Mod	lules	Symbols	/ Standard Parts				
4	15:50 HICAD creator     15:50 HICAD solution     15:50 HICAD     15:50 HIC	15:50 15	Beami - Pro Metal Engine Plant Engine Steel / Metal Steel Engine Poeline Ison Pueline Plan P-ID Translator Transport an Exadous Tra	nes ering 3-D ering / 3-D Layout Planning Engineering ering / Stains ering inig d Assembling Simulation form	35/50 35/50 35/50 35/50 35/50 35/50 35/50 34/50 34/50 34/50 34/50	2-0 Standard Pa 2-0 Standard Pa 3-0 Standard Pa 3-0 Standard Pa 3-0 Standard Pa 3-0 Float, Conve 2-0 Mechanical 3-0 Mechanical Plant Engine Prosmatics / Hy 2-0 Standard Engine	ts (Bears ts (Bears ts (Bears ts (Bears ts (Pneur ctions, V Engineers a Flow Ch tring Sym draulics S	rgis, Shaft Accession natic Cylinders, Hy Sorens, Nvtk, Waai Sp. Shaft Accession natic Cylinders, Hy metris, Standard Parts og Standard Parts og Standard Parts af Symbols bols mibols reform Back	es) Inaulic Conr tens, Pins, R es) Inaulic Conr ts simplete complete	rections) (vetb) rections)
	35/50 Sheet Metal suite	34/50	Toolbox vor	Library Management	Callina	afarai			heada	
	35:50 Metal fingineering units premium 35:50 Metal fingineering units clusic 35:50 Metal fingineering units fingine 55:50 Metal fingineering Brukase 55 58:61 Engineering Brukase 55 59:60 Engineering Brukase 56 16:620 Finlies units 16:620	35/50 34/50 34/50 34/50 34/50 34/50 34/50 34/50 34/50 34/50 34/50	Reality Studi HICAD Repo Knewatics Design Varia Design Varia Function Sim Extension Mo HICAD Integ Auto-CAD Integ Auto-CAD Integ	9 4 Manager professional hts hts hts hts subto 5/Jes 4 Management ration Module terration Module	34/50 34/50 34/50 34/50 34/50 34/50 34/50 34/50 34/50	DXF/DWG - Read ACIS - Read Prataulul - Read CATIA VS - Read Ioex - Read Ioex - Read VDAFS Insport /T Import SolidWorks Read	34/50 34/50 34/50 34/50 34/50 34/50 34/50 34/50	DIF/DWG - Write ACB - Write Parauold - Write CATIA V5 - Write Page - Write bas - Write VDAF5 Export JT Export JC Enterface Reset - Teri	34/50 34/50 34/50 34/50 34/50 34/50 34/50 34/50	ROHR2 KieSoft WEAM Interfe DSTV Froducti TopsDec SDNF NCK
- 0	HELOS Basic Modules 12/30 Document Mangement 34/30 HELOS Viewer 34/30 HILOS NICAD BM-PLM suite 35/30 HELOS Internet Server HELOS Distreme HELOS Disprese HELOS Dropmen HELOS Dropmen HELOS Dropmen HELOS Dropmen HELOS Dropmen HELOS Dropmen HELOS Dropmen HELOS Reserve HELOS RESER	15/50 15/50 12/30 13/50 13/50 13/50 13/50 14/50 15/50	Inventor Inte SolidWorks I Lats of Char Mark Editor Workflaw Co Role Workflav Co Role Workflav Co Role Workflav Vault Cleve HELIOS Print Helios Replie	ngration Module Integration Module actentities one tand Plot Manager Client ation	14/50 14/50 14/50 14/50	Unerface STL Interface PISS Interface Sales Partner HICAD Native Co	34/50 34/50 34/50	Nepter foot Inventor Read PPS Special CAD Interface		

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.

### 4.3.3 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 XP to Windows 7) 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.

After starting the ISD License Manager 2.0 the activated modules will be highlighted in a different colour. Click the **Deactivate** button to revoke the activation of the modules.

License Activator Lawrence Infe Communiter Line	nas   Bennte Luciona Code   Instal Bennte & Borization	Code   HCAD Konfeyrators   HELDE Konfeyrators   Brusi	e Geruer Linense   Deuslie Stand
		Activation successfully performed	×77
Authentication			
ED 1/59078-4023-4732-6/65c-ec8768691	167 E-mail: license_request@isdgroup.de	Password .	Logout
ISD Module	O Network O Redundant Network	Select all	Display trial licenses
House state.         House state.           1502         HCC/L state.           1502         HCC/L state.           1503         HCC/L state.           1504         HCC/L state.           1505         HCL/L state.           1506         HCL/L state.           1507         HCL/L state.           1508         HCL/L state.           1509         HCL/L State.           1500         HCL/L	Torus Instrument Instrument         Torus Instrument Instrument           Torus III - Torus IIII - Torus IIIII - Torus IIII - Torus IIIII - Torus IIIII - Torus IIII - Torus IIII - Torus IIIII - Torus IIIII - Torus IIIII - Torus IIIIIIII - Torus IIIIIIIII - Torus IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Perment, - Jenness Hard           Perment, - Jenness Hard           Perment, - Status Fiber, - Stat	where, Pres Portell intell metall

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 2.0!

After successful deactivation the following message will be displayed:



### 4.3.4 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.

### 4.3.5 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).

### 4.3.6 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. As of Version 1701 the activation status of the WLAN card will no longer be relevant.

### 4.4 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

# To activate/deactivate Network Licenses, Network Licenses always start the ISD License Manager (x32 Server) via the Windows Start menu: Select Start > All programs > ISD Software und Systeme GmbH > Administration.

### 4.4.1 Direct Checkout from License Server

Start the ISD License Manager (x32 Server) application (while a connection to the Server still exists). Switch to the Commuter License tab.







If you have set the system environment variable LSFORCEHOST, the entered License Server is displayed at start-up as pre-selection. 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:

LadargED License Info Commuter License Remot	e Looking Code   Install Remote Authorisation Code	HCAD Konfiguration   HELIOS Konfiguration   Revolut Ser	ver License 🛛 🕅
19216810.222(av001)	Check Server Name / IP	Search network	
CPU 11545111252-0001     CPU 11545111252-0001     CPU 11545111252-0001     CPU 11545111252     CPU 1154511125     CPU 1155111125     CPU 115511125     CPU 1155111125     CPU 1155     CPU 1155	<ul> <li>Rune</li> <li>Rune care of Seret Lorens area of Seret Lorens area of Seret</li> <li>Lorens area of Seret</li> <li>Lorens area of Seret</li> <li>Commun Talers coupled</li> <li>Commun Talers the Lorense epp date</li> <li>Lorense epp date</li> <li>Lorense epp date</li> </ul>	Elenciption HCL or initiation 4993 Penhated to leanse spay 70 75 Tue New 15 239339 (31)	
	Owek out authorisation for seniole con	p./m	
Lead user configuration	Commuter licence: Validity in days		
		Updes Konver	

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!

192/68.10.232(m/001)	Check Server Name / IP	Search network
Viet 181 2220-001     Viet 181     Viet 18	Nane Lorens nane Lorens nane Grane Lorens minon Nas: Kontre deskoh tite Nas: Andre der dinaktionen unse Gemacht Täter societie Comuch Täter sing Lorens nagly das	Cencegian Card Expressing 7 Sain 1980 0 Restance to Source explor 100 7 p Tue Nov 15 22 29 99 207
Incol randon and reason i	e	+
Load workstation conliguration Load user conliguration	Connuter Icence: Validity in days	
		Lipdate Ramaes

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

LockingID License Info Commuter License Remote Locking	Code Instal Renote Authorisation Code	HCAD Konfiguration HELIOS Konfiguration Revole Ser	ver License R
192 168 10 232(m/001)	Check Server Name / IP	Search network	
General District Control	Name Locres same of Server Locres within West and the Server Locres within the Max nuched of anterneous uses Lorenze for Server Server Lorenze for Server Server Lorenze mpby det	Desciption Sector 2 Statis 1993 B Preshele la Kenne ester 100 72 Ter Nov 15 22 9959 207	
•	Deck out authorization for remote core	and a state of the	
Load set statos configuration	Consuler licence: Validity in days	2	
		Lipdae Kornas	

Commuter licenses are checked out from the Server.





LodingID License Info Commuter Licence Remote Loding	Code   Install Remote Authorisation Code	HCAD Konfiguration   HELIOS Konfiguration   Tervole: Server License   R &
192.168.10.232(srv001)	Deck Server Name / IF	Search retwork
0-00 112160.10.232u+001) ·	Name	Description
Except Advances (1992)     Except Advances	Lonnar name Lonnar vene of Sinner Lonnar vene of Sinner Mas, navel odd of time Mas, navel odd of time Mas, navel odd odd nav Orimutar Tolkien be Lonnar exply date	Sterfügereng / Sas 1930 1930 1930 1930 1930 1930 7 7 7 1 te Niver 17 2,23939 201
[0.0] Transport and Assembling Technolo     "     "	Y (	
Load workstalon configuration	Check out authorisation for sende com	çular
Load user configuration	Commuter licence: Validity in days	2
		Updat Komos

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 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.

License Activator   License 1nfe   Commuter License   Remote	Locking Code [ Instal Remote Authorisation	Code   HICAD Konfiguration   HEL	IOS Konfiguration	Revoke Server License	Revoka
232 168 10	Piùle Serversave / IP	Netzweik durchsuchen			
E 230 232168.10	Name	Bescheibung			
[002] HiC40 Classic Version "1799.0"	Lizerananie Lizerananie an Sanari	Metalbeu 30			
[003] HiCAD Creator Version "1799.0" [004] HiCAD Solution Version "1799.0"	Lizerzvenion	1799.0			
[005] HICAD Stahibau Venion "1799.0" [007] HICAD VI / AV Venion "1799.0"	Max. "Lizero: Check-OUT" Dauer Max. gleichzeitiger Benutzer	Restricted to License Exper 100			
[008] Design Automatio Version "1799.0"	Commuter Tokers besetzt	0			
District Version 17393. District Version 17393 C District Version 1739 C District Version 1739 C District Version 1739 C District Version 1730 C District Version 1730 C District Version 1730 C	Constantine Coupers the Lizercablaufdatum	00 Thu Nev 15 23 59 59 201;			
3010] Zwei-Bidtichen-Lösung Vesson "1 3019] Fandator Version "1790.0" 3030] Françoit- und Montagerechnik. Ve "					
	Authorisation fur einen entremten Comp	ater auschecken			
Adehiplatchonliguation laden					
Benutzerkonliguration laden	Commuterizeniz Gültigkeit in Tagen	1 60			
		Lizenzen aktuaksieren			
7					

### 4.4.2 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).

56



O License Manager				(C) (C)
	LodingE Loarse Info Commuter Liverse Lodin	ng Code Install Remote Authorisat	ton Code   HICAO Konfiguration   HELOS Konfiguration   Revo	a Server License R 1
	Authorisation string			
	Authorisation string of example			
	ROUGH STREET, STRE	5.5.55.07.05.07.07.07.07.07.07.07.07.07.07.07.07.07.		
	Capy to claboard	Cove to fie		
	Send to e-mail receiver			
	Send authorization shing to E-mail sociular			
	E-mail attent			
		Send		
Soll 1				

The administrator starts the ISD License Manager (x32 Server) 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.

50 license Manager				ecoletta and
Tools				-
	Loding® License Infe Connuter License Remote Loding	Code   Install Remote Authorisation Code	NCAD Konfiguration   I KLIOS Konfiguration   Re	vake Server License 🛛 🕬
	192 168 10 158(test literz1)	Check Server Name / P	Saach nativoli.	
	132/03/13/50exteent)     132/03/13/50exteent)     100     100/02/cold-ond/search     100/02/cold-	Tane License rane License rane License rane of sense License vesco Mis. notifie declad time Mis. notifie declad time Mis. notifie declad time Mis. notifie declad time Mis. notifie objective License begin diffe	Desciption Shell Expression 14 18000 Filentoid to Kense exclip 100 1 3 50 whell be: (1 23 55 53 20)	
	103/Politic Londy, Vesion "1030"     103/Politic Londy, Vesion "1030"     103/Inv50cem5.04.00n Vesion "103     103/Inv50ce Vesion "1031     103/Inv10ce Vesion "1031     103/Inv10ce Vesion "1031"     Londy much Joint subfiguration     Londy much Joint subfiguration	* Final autoritation for resolve comp		
			Update forware	
1.2.1				One

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

	LookingED   License Info   Commuter License   Remote Looking Code   Install Remote Authorisation Code   HCAD Konfiguration   HELOS Konfiguration   Revoke Server License   #
	192 192 192 222(m001) Direck Server Name 717 Geach retricts
	Image: Constraint Constraint         Name         Description
	V Int Identification code of remote computer     Z2 59 59 201
	Lond user configuration Commuter licence: Validly in dept
	Under Servers
and account of the	

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

ala .			
	LodingED License Info Commuter License Remote Locking	Code Instal Periote Authoritation Code	HCAD Konfiguration HELCS Konfiguration Revole Server License
	132 366 10.2325e+001)	Deck Server Name / IP	Search network
	B (™) 1521811,23319001     Composition (%)     Composition (	Name Licence name in Server Licence varion for Server Licence varion Mas. Norme checkouf time Mas. number of initial encourse Commuter Takies recepted Licence encyclidee	Description Sector Depresenting 4 30/50 D Restricted to lucrate exploy 300 7 7 7 70 7 70 7 7 70 7 7 70 7 7 7 7
	-27 C DT License file path		
	Save Connutar autoreation to lie		
		Cormuter Rossee Valeity in days	Carcel ,
			Liver know

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





	License Activator License Info Commuter Ucense Remot	e Lacking Code Instal Remote Authorisation	Code HCAD Konfiguration HELC	S Konfiguration Revoke Server Liverse	Revoke Sta
	152 166 10 212	Pide Sanemate /IP	Natawah, darchauchan		
	Comparing the second seco	None Lizerane an Server Lizeranen an Server Lizeranen in Check (UIT*Deen Mar, glicitzerige Beruzer Comular Tolera bestel Comular Tolera hen Lizerabladdatur	Backvebung HCAD Classic 2 17950 Restricted to Losson Expe 100 1 99 Thu Jan 21 23 59 59 2013		
	COST Schladzav / Meditav / Medi	ISDLoenseManager Commuter Authorisation erfolgreich	entelik,		
	Ntertipleckonliguation ladee	TO ADDRESS OF TO ADDRESS ADDRESS OF	COB ROOMOND		
	Destation/gastanleam	Connotenizeriz: Gülligkeit in Tagen	1 60		
5 · D			Uzrum dhabinen		

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 (x32 Server) 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.

C ED Ucense Manager	
Teos	
	Labelga Liames (b) Constant Liames Labelg Code, Intel Rames Auformation Code, Intel Rames Auformation, Intel Constantianes, Intel Rames Auformation, Intel Constantianes, Intel Rames Auformation, I
	Media/Society societion elementie  Review automater lie
	Initial annule controlate format
1·S·D 💿	000 On

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.

Nov loose like				
			and a	
			( hinds	
			Contraction of the local division of the loc	
Licence Mo				
Licences issued by: 850 Soft	ware und 5	unerve Ginthi		
Licences issued to				
Module	Vooien	Volcunit		
10040 HGAD rel 0 solution	1003.0	Wei Nov 24 2358 50 2010		
010 Bears+Profiles	1699.0	Wad Nov 24 23 58 59 2010		
(011) Metal Engraveing 3D	1699.0	Web New 24 2359 59 2010		
2 IST Steel Ligneeing Meia Engneeing	1639.0	Wet Nov 24 235859 2010		
[014] Stell Engineeing	1509.0	Wed Nov 24 23:58:59 2010		
Cold For Annual Part Preserve of Col	1/100.0	N 90 POP (P 2230 32 27 V		
TOUL VIES wedges	1699.0	Wet Nov 24 2258 59 22 0		
THE SO Extrant Dation	16230	Weekey 24 23-34 35 23 10		
11/21 Universities Value	1899.0	Weithow 34 23 78 59 2010		
120 Seliderata with	1099.0	Wed Nov 24 23 59 59 2010		
71102 Inventor Write	1099.0	Wed Nov 24 23 59 59 2010		
1323 HELIOS Visit Devil	1699.0	Web Nov 34 23 58 59 2010		

### 4.5 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 Plotmaanager. 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.

60



SD license Mar	nager 2.0							- E
Tools								
	License Activator   License Info   Commuter Licen	e   Renote Locking C	ode   Instal Remote	Authorisation Cade	HCAD Konfiguration	HELCS Konfiguration	Revoke Server License	Revoke Stand
	Verfügbare Module anzeigen für 🔹 Net	work (server) license	C Standatore (w	aksiation) license				
	HELDS Produktmanagement		Malacarit	No. Laws				
	Delastrativos aparecela SELED SIGOS INDER M Ida RALDO SIGOS INDER M Ida RALDO SIGOS INDER M Ida RALDO SIGOS INDER M HELDO SIGNE HELDO SIGNE HELDO SIGNE HELDO SIGNE HELDO SIGNE HELDO SIGNE Antigentos Can Pan Antigentos Can Pan Antigentos Can Pan Maltonemas HELDO Signema HELDO Signema Maltonemas HELDO Signema Maltonemas HELDO Signemas Maltonemas HELDO Signemas MELDO Signemas							
	Sachmelkmalleiten		•					
	Als Adaptiget during aution spectrem	A	beit platch on liga alson	laden				
	Als Benutzerkonfiguation speichem	terme a	lenutzerkonliguzation l	der				
I-S-D								

On the **HELIOS Configuration** tab of the **ISD License Manager (x32 Server)** 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.

### 4.6 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 reprogramming. 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.de

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!

### 4.7 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.

62



## 5 Licenses Installation Guide (Version 2011)

## As of HELiOS 2012, the licensing procedure should only be performed as described in Paragraph 4.

For compatibility reasons, the following paragraph describes the procedure that is applied to Version 2011 and differs from the new procedure.

### 5.1 Generate Identification Code and Send to ISD

To generate the identification code, activate the Windows Start menu and select All Programs > ISD Software und Systeme > Administration > ISD License Manager (x32 Server).

For computers possessing a WLAN card: Please switch off the WLAN card before executing the Get Identification Code command!

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. As of Version 1701 the activation status of the WLAN card will no longer be relevant.

SD License Manager		- <b>x</b>
Tools		
	Lodrydb Luenez Brfs Camute Lienez Rende Loding Cole Jesta Rende Automaton Cole (HCAD Konfgunaton ) HELCS Konfgunaton   Rende Server Los Automication citeria Dorge 10	nse <u> </u> <u>R</u> .4. .5.
	8 Hadware D Autentication data Selectes 0:14 Code 11P SB/B LGCC 94/0 [16.dig/b Identification code]	
	Computer data Volume (D. 2013/26007	
	Computer name PC018 Save to Bits	
I-S-U 🕥		
HE WORLD OF CHO AND FOM SOLUTION		Cose

On the first tab you will find all information required for the generation of a new license. Click the **Send** button to automatically generate an E-mail with all necessary information. The E-mail will be opened with your standard E-mail program, enabling you to add your own message if desired. Alternatively, you can save these data to a text file and e-mail them to ISD Software und Systeme GmbH.

You can also send the **Selector** and **Code** keys back to ISD Software und Systeme GmbH by post. Please note however that this procedure will delay the licensing.

Based on the keys, a license for your computer will be generated and e-mailed to you.

You will receive from the ISD Software und Systeme GmbH a self-executing license file (when it is sent by E-mail, the name of the file is [filename].ex\_; it needs to be renamed to [filename].exe before execution). Double-click to execute the license file. Please note that administrator rights are required for this.

HiCAD/H	HELiOS/HELiCON Licenses 💦 🛛 🕅
2	Do you want to install the ISD Licenses?
	<u>la</u> <u>N</u> ein

64



After successful unpacking, the License Server is re-started automatically. Use the License Server Monitor tool to check the installed files.

+ Eg Defined Servers			
Subnet Servers	Server information		
. 28 standore	Name:	Version: IP	address:
	Feature information		
	Name:		Version:
	Statistics		
	Total come	In use:	Total Queued
	Bernard		
	Commenter		
	Consider		
	capacity.		
	Redundant	Number of servers:	Majority:
	Detailed information		
	Feature Into 1 inserva Into 1 C	iner terta 1	
	Contraction of Contraction of Co	en no l	
	License type:	Start date:	
	Commuter license:	End date:	
	Criteria	Value	1. 1

Expand the tree structure of the **Subnet Servers** entry to display all License Servers on your network.

e Edit Yew Ioos Help		
The Defined Servers	Carrier information	
States Servers		
	Name: [test server2003.nLisdca Version: ] 8.22.	sou iP address:   toc.toc.toc.to
+ El test-server2003 int isdcad.de	Feature information	
	Name: 1	Version: 1500.0
	- Statistics	
		In use: Totak Queued
	Total users	0 100 0
	Reserved	0 0
	Course for	0 100
	Commune.	0
	Capacity	1 0 1 0
	Redundant: No Number of servers.	1 Majority: No
	Feature Into License Info Clenck Info     License Info License Info     License Info     License Info     License Info     License Info     Commuter Icense     Yes     Feddata     Commuter Icense     No     Charks Intertamper     Commuter Interpret     Commuter     Comm	te: Wed Jul 16 00:00:00 2009 Fi Fi Jul 31 23:59:59 2009
	Grace alowed No Hold time D seco Holding criteria None	

Then expand the tree structure of the installed Server (test-server2003.int.isdcad.de). All licenses installed and managed on the License Server are displayed.

Sever Homation         Sever Homation           Sever Homation         Name:           Sever Homation         Sever Homation           Sever Homation         Sever Homation           Sever Homation         Sever Homation           Sever Homation         Sever Homation	tile Edit View Tools Help					
Statistics         Total         Total <thtotal< th="">         Total         Total</thtotal<>	Defined Servers	[				
Name:         1         Version:         8.2.2.300         P addex:         300.000.000.000           Image: Interver2003.rtl sides         Version:         8.2.2.300         IP addex:         300.000.000.000           Image: Interver2003.rtl sides         Version:         8.2.2.300         IP addex:         300.000.000           Image: Interver2003.rtl sides         Version:         1.0.2.2.300         IP addex:         300.000           Image: Interver2003.rtl sides         Image: Interver2003.rtl sides         Image: Interver2003.rtl sides         Image: Interver2003.rtl sides           Image: Interver2003.rtl sides         Image: Interver2003.rtl sides         Image: Interver2003.rtl sides         Image: Interver2003.rtl sides           Image: Interver2003.rtl sides         Image: Interver2003.rtl sides         Image: Interver2003.rtl sides         Image: Interver2003.rtl sides           Image: Interver2003.rtl sides         Image: Interver2003.rtl sides         Image: Interver2003.rtl sides         Image: Interver2003.rtl sides           Image: Interver2003.rtl sides         Image: Interver2003.rtl sides         Image: Interver2003.rtl sides         Image: Interver2003.rtl sides           Image: Interver2003.rtl sides         Image: Interver2003.rtl sides         Image: Interver2003.rtl sides         Image: Interver2003.rtl sides           Image: Interver2003.rtl sidesindon         Image: Interver2003.rtl sides	Subnet Servers	Server information				
Image: Second	+ = x0000x.x0x.x000x.xx + = x0000x.x0x.x000x.xx	Name: test-server2003.int.isdca Version: 8.2.2	2.300 IP address: xxx.xxx.xxx.xxx			
In 10 1900.0         Image: Constraint of the second s	<ul> <li>test-server2003.int.isdcac</li> <li>1 1500.0</li> </ul>	Feature information				
Statistics         in use         Total users         in use         Total users           101         1000         Total users         0         100         0           101         1000         Total users         0         100         0         0           101         1000         0         0         0         0         0         0           101         1000         0         0         0         0         0         0           101         1000         0         0         0         0         0         0           101         1000         0	10 1500.0	Name: 1	Version: 1500.0			
101         102         1000         1000           101         1000         1000         1000           101         101000         1000         1000           101         101000         1000         1000           101         101000         1000         1000           101         101000         1000         1000           101         101000         1000         1000           101         101000         1000         1000           101         10000         1000         1000           101         10000         10000         10000           101         10000         10000         10000           101         10000         10000         10000           101         10000         10000         10000           101         10000         10000         10000           101         10000         10000         10000           101         10000         10000         10000           101         10000         10000         10000           101         10000         10000         10000           101         100000         100000         100000<	101 1500.0	Statistics				
104 1000         104 1000           105 15000         104 1000           105 15000         Reserved:         0         0           107 15000         Capachy         0         0           108 15000         Capachy         0         0           109 15000         Redunder:         No         Number of server:         1           110 15000         Redunder:         No         Number of server:         1         Majority           111 15000         Redunder:         No         Number of server:         1         Majority         No           111 15000         Redunder:         No         Number of server:         1         Majority         No           111 15000         Redunder:         No         Number of server:         1         Majority         No           111 15000         Carrier life ( License type:         Nomal license	102 1500.0	31033063	In use Total Dueued			
Orientation         Orientation           106 10000         0           106 10000         0           106 10000         0           108 10000         0           108 10000         0           108 10000         0           108 10000         0           108 10000         0           109 10000         0           110 110000         Redundart. No           111 11 10000         Redundart. No           111 11 10000         Redundart. No           111 11 10000         Redundart. No           111 11 11 10000         Redundart. No           111 11 11 11 11 11 11 11 11 11 11 11 11	103 1500.0	Totalurar	0 100 0			
Partnered:         U         0           10/07 10000         Capandy:         0         0           10/07 10000         Capandy:         0         0         0           10/07 10000         Capandy:         0         0         0         0           10/07 10000         Capandy:         0         0         0         0         0           10/07 10000         Redunder:         No         Number of server::         1         Majority:         No           10/07 10000         Capandy:         No         Number of server::         1         Majority:         No           10/07 10000         Capandy:         Feature Info         Cleart Info         Elevente type:         Normal Icenso:         Start date:         Wed Jul 16 00:000:00:000           10/07 11/07 11000         Commute readmant Checkout day:         No         Normal Icenso:         No	104 1500.0	Total Greek.	0 100 0			
Commute:         0         00           100 1950.0         0         0           101 100 1950.0         0         0           101 100 1950.0         0         0           101 100 1950.0         0         0           101 100 1950.0         0         0           101 100 1950.0         Redunder:         No           101 110 1950.0         Redunder:         No           101 101 1950.0         Commute:         No           101 101 1950.0         Commute:         Yes:           101 1950.0         Commute:         No	106 1500.0	Heserved	0 0			
Capechy:         0         0           10101900.0         Redunder:         No         Number of server:         1           11111100.0         Redunder:         No         Number of server:         1         Majority           11111100.0         Redunder:         No         Number of server:         1         Majority         No           11111100.0         Redunder:         No         Number of server:         1         Majority         No           11111100.0         Redunder:         No         Number of server:         1         Majority         No           11111100.0         Redunder:         No         Number of server:         No         No           11111100.0         Redunder:         No	+ 107 1500.0	Commuter:	0 100			
Description         Redunder:         No         Number of servers:         1         Majority         No           1111         1110000         Redunder:         No         Number of servers:         1         Majority         No           1111         1110000         Redunder:         No         Number of servers:         1         Majority         No           1111         1110000         Redunder:         No         No <td>± 108 1500.0</td> <td>Capacity</td> <td>0 0</td>	± 108 1500.0	Capacity	0 0			
Construction         Detailed information           1111 1500.0         Fedunder:         No         Number of server:         1         Majobr, No           1111 1500.0         Fedunder:         No         Number of server:         1         Majobr, No           1111 1500.0         Fedunder:         No         Number of server:         1         Majobr, No           1111 1500.0         Fedunder:         No         Number of server:         1         Majobr, No           1111 1500.0         Fedunder:         No         Number of server:         1         Majobr, No           1111 1500.0         Fedunder:         No         Number of server:         No         Number of server:         No           1111 1500.0         Fedunder:         No         Number of server:         No	109 1500.0					
In 10 1500.0         Detailed reformation           In 11 10 1500.0         Feature Info         License Info           In 11 10 1500.0         Commuter Icense         Yes           In 11 10 1500.0         Commuter Icense         Yes           In 12 1500.0         Commuter Icense         Yes           In 12 10 1500.0         Commuter Icense         Yes           In 12 10 1500.0         Commuter Icense         Yes           In 12 10 1500.0         Commuter Icense         Yes           In 12 1500.0         Commuter Icense         Yes           In 12 1500.0         Hold Tree         No           In 12 1500.0         Hold Tree         Out Icense           In 12 1500.0         License Version         Dodd1000000           Locense Version         Dodd1000000         West           In 12 1500.0         Version         Dodd1000000           In 12 1500.0         Version         Dodd1000000           In 12 1500.0         Version         Server Icense	11 1500.0	Redundant: No Number of server	s: 1 Majority: No			
		Fedurate Info   License Info   Elevat Info   Elevat Info   Elevat Info   Elevat Info   Elevative Info Commuter Icense: Yes End d Cateria Yes End d Cateria Information - No Check Interaper Yes Commuter maximum checkout days Residing Gasea devend No	date: Wed Jul 16 00:00:00 2008 ate: Fin Jul 31 23:59:59 2009			
12/1900.0     131500.0     131500.0	<ul> <li>         ■ 122 1500.0     </li> <li>         ■ 123 1500.0     </li> <li>         ■ 123 1500.0     </li> <li>         ■ 124 1500.0     </li> </ul>	Holding criteria None Kev lifetime 300 sec	C\$			
+ 13 1500.0 ×	•         122 1500.0           •         123 1500.0           •         124 1500.0           •         124 1500.0           •         126 1500.0	Holding citeria None Key lifetime 300 se License Version 0x0810	cs 0000			
	<ul> <li>122 1500.0</li> <li>123 1500.0</li> <li>124 1500.0</li> <li>126 1500.0</li> <li>126 1500.0</li> <li>127 1500.0</li> </ul>	Holding criteria None Key lifetme 300 sec License Vetsion 0x0810 Locking type Server	cs 0000 locked			
	122 1500.0     123 1500.0     124 1500.0     124 1500.0     124 1500.0     127 1500.0     128 1500.0     128 1500.0     138 1500.0	Hold time 0 sector Hold me 0 sector Key Kelme 300 sec License Version 0.00810 Locking type Server	cs 0000 locked			





### 5.2 Local Licenses

Local licenses are generated for a particular computer. To do this, activate the Windows Start menu and select All Programs > ISD Software und Systeme > Administration > ISD License Manager (x32 Server).

ISD Licerse Manager	as and many white	(i)
ools		
	Indiretti Eseme Ma Camuder Lewer Eseme Lading Gold I Intell Remote Automation Code (IRCID Endgaration (IRE)D	e (81)
	Corpute das Valera (2) 2013/007 Corpute name PC08	
	Lond Lind	
50 🕥		

Click the **Send** button to automatically generate an E-mail with all necessary information. The E-mail will be opened with your standard E-mail program, enabling you to add your own message if desired. Alternatively, you can save these data to a text file and e-mail them to ISD Software und Systeme GmbH.

You can also send the **Selector** and **Code** keys back to ISD Software und Systeme GmbH by post. Please note however that the sending by E-mail is significantly faster.

Based on the keys, a license for your computer will be generated and e-mailed to you.

You will receive from the ISD Software und Systeme GmbH a self-executing license file (when it is sent by E-mail, the name of the file is [filename].ex\_; it needs to be renamed to [filename].exe before execution). Double-click to execute the license file. Please note that administrator rights are required for this.



The licenses are now unpacked and activated. After successful installation, the local licenses can be viewed on the License Info tab of the ISD License Manager (x32 Server).

Jampin Umra 16 jampin Umra 1970 jampin U					
Tex-kanality         State and Sta		LacangED License 21fp Commune Lower La	note Loding Code   Initial Kentle Automation	Cole   HCAD Konfguration   HELOS Canfguration   Invole Server Love	
Clashe wanter, kenne, Skill preventrie Lance (2010), UI, 2010(201193/87), LC2040 Term in Lance in Lance in Lance in L		New Justice Be			
Comment     C		Cribechup/servine_keense_1607/generale	4Lconsel/D10010_EU_2029101039117953496.0	icowig	
Learns indition         100 Software red: Sparse ID and           ID Software red: Sparse ID and         100 Software ID and           ID Software red: Sparse ID and Software ID and So				Activate	
Lorenz kondity         ID Subwei von Sundit#           Lorenz kondit#         Lorenz kondit#           Nada         Yean         Val and         Yean         Val and         Yean		Lorse of s			
Varian         Varian <th colspan<="" td=""><td></td><td>License lawed by 50 Soft</td><td>ware and Systeme Endth</td><td></td></th>	<td></td> <td>License lawed by 50 Soft</td> <td>ware and Systeme Endth</td> <td></td>		License lawed by 50 Soft	ware and Systeme Endth	
Holds         Years         Year         <		Liveran avoid to			
IPU / In Reage         NUL         Val Dir. 21 / 2555/268         2           IPU - 40 Covel name         NUL         Val Dir. 21 / 2555/268         2           IPU - 40 Covel name         NUL         Val Dir. 21 / 2555/268         2           IPU - 40 Covel name         NUL         Val Dir. 21 / 2555/268         2           IPU - 40 Covel name         NUL         Val Dir. 21 / 2555/258         2           IPU - 40 Covel name         NUL         Val Dir. 21 / 2555/258         2           IPU - 40 Covel name         NUL         Val Dir. 21 / 2555/258         2           IPU - 40 Covel name         NUL         Val Dir. 21 / 2555/258         2           IPU - 40 Covel name         NUL         Val Dir. 21 / 2555/258         2           IPU - 40 Covel name         Val Dir. 21 / 2555/258         2         2           IPU - 40 Covel name         Val Dir. 21 / 2555/258         2         2           IPU - 40 Covers         Null Dir. 21 / 2555/258         2         2         2           IPU - 40 Covers         Null Dir. 21 / 2555/258         2         2         2           IPU - 40 Covers         Null Dir. 21 / 2555/258         2         2         2           IPU - 40 Covers         Null Dir. 21 / 2555/258         2		Nodue	Version Valid ant		
IPI4 4/200-491 waters         IPIN         Vet Dier 7) 27375/201           IPI4 4/200-491 waters         IPIN         Vet Dier 7) 27375/201           IPIN 4/200-491 waters         IPIN 4/200-491 waters         IPIN 4/200-491 waters           IPIN 4/200-491 waters         IPIN 4/200-491 waters         IPIN 4/200-291 waters           IPIN 4/200-491 waters         IPIN 4/200-491 waters         IPIN 4/200-291 waters           IPIN 4/200-491 waters         IPIN 4/200-491 waters         IPIN 4/200-291 waters           IPIN 4/200-491 waters         IPIN 4/200-491 waters         IPIN 4/200-491 waters           IPIN 4/200-491 waters         IPIN 4/200-491 waters         IPIN 4/200-491 waters           IPIN 4/200-491 waters         IPIN 4/200-491 waters         IPIN 4/200-491 waters           IPIN 4/200-491 waters         IPIN 4/200-491 waters         IPIN 4/200-491 waters           IPIN 4/200-491 waters         IPIN 4/200-491 waters         IPIN 4/200-491 waters           IPIN 4/200-491 waters         IPIN 4/200-491 waters         IPIN 4/200-491 waters           IPIN 4/200-491 waters         IPIN 4/200-491 waters         IPIN 4/200-491 waters		(K1) Por Hawager (K2) HCAD work starrin (K2) HCAD work creator	Web Dec 01 235359(2000)           1699.0         Web Dec 01 235359(2000)           1699.0         Web Dec 01 235359(2000)	3	
RMI         Support assessment         RMI         Vec Top 21 25582026           RMI         Support assessment         Vec Top 21 25582026           RMI         Support assessment         Vec Top 21 25582026           RMI         Vec Top 21 25582026         Vec Top 21 25582026		(004) HCAD with taken (005) HCAD with Stati Engineering (005) HCAD with Stati Engineering	16990 Web Dec 31 235959 2010 16990 Web Dec 31 235959 2010		
VIII (V)         VVIII (V)         VVIIII (V)         VVIIIII (V)         VVIIIII (V)         VVIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		(00) Design Automation	1090 Well Dec 01 23:59:59 2010		
(1995년 1997년 199		[009] Sheet Midtal professional	1699.0 Weit Dec 01 225959 2210		
IP113         Sime Expension         See 1         2015912019           IP143         Sime Expension         See 20         See 2015912019		[010] EnanceProfiles Will Maral Engineering 1/0	1000 Well Dec 01 225050 2010		
[914] Save Engineering         1000 C         Vold Dec 37 225550 2010           [973] Save Engineering         1000 C         Vold Dec 37 225550 2010           [974] Save Engineering         1000 C         Vold Dec 37 225550 2010		1973 Star Engineering Africa Engineering	16940 Web Dec 01 23 53 53 2010		
1973 See Engleening / State 1639 C Med Sec 01 22 53 53 2010		(014) Stepi Engineering	1090.0 Wed Dec 01 23 53 50 2010		
White Providers Taxabase 1999-01 Aufland Taxa (1) 2015/010 2010		10173 Steel Engineering / Stails	1699.0 Wed Dec 01 23:59:59 2010		
A Design of the second se		10.04 hDrepart (stamph	1699.0 Wed Dec 01 295959 2010		
	COLUMN TO DESCRIPTION OF				
	501				

 $\bigcirc$  Press the F5 key to update the list of licenses.





# 5.3 Revoke Network Licence for Hardware Component Exchange

If you want to use a different computer as license server, or exchange hardware components (hard disk, graphic card, motherboard etc.) on the license server, the network licenses need to be revoked (i.e. locked) before the exchange. For this, the following requirements need to be fulfilled:

- » Administration tools need to be installed on the License Server.
- » All licenses on the network server need to be unlocked again. Please make sure that no application using these network licenses is running.
- » All commuter licenses need to be checked in again.
- » The License Server (service) must be running.

# The revocation must take place before the exchange of hardware components. If the hardware is irreparably damaged, please contact the ISD Hotline (Email: hotline@isdgroup.de, Phone: 0049 - 231 9793 166).

Now carry out the following steps:

### Step 1 - Generate Revocation Password File

To prevent the revocation of network licenses by unauthorized persons, a corresponding password file is required, which is generated with the help of the **License Monitor** tool. Only persons knowing the password are granted the rights for the revocation of their network licenses.

To generate the password file, proceed as follows:

» Open the ISD License Manager (x32 Server). Select Tools > License Monitor (WImAdmin.exe). » Select Tools > Generate Revocation Password.



The following dialogue is displayed:

Senerate Revocation Password	×
You can use this utility to change the revocation password, It uses the sntIPasswdGenUtil.dll file, which must be located in the same folder as this utility. The size of the password can be from 8 to 32 characters.	
Revocation Password:	
<u>G</u> enerate Close	

- » Enter the desired password (at least 8, but not more than 32 characters). Please do not forget this password! Without the password you cannot revoke your network licenses!
- » Click **Generate**. The program prompts you to specify the storage location for the password file.
- Select a location and click Save. The password file will be saved, with the file name sntlpassword.dat, to the selected folder. Please note that the file name must not be changed. Do not forget this storage location, as the file needs to be copied to another folder at a later time.



### Step 2 – Copy Password File to Working Directory of License Server

After generating the password file **sntlpassword.dat**, copy the file to the installation directory of the license server, if you have not already selected the directory when saving the file.

Default paths are as follows:

### » Windows XP 32 Bit

<OS Drive >:\Program Files\Common Files\SafeNet Sentinel\Sentinel RMS License Manager\WinNT

### » Windows 7 32 Bit

<OS Drive >:\Program Files\Common Files\SafeNet Sentinel\Sentinel RMS License Manager\WinNT

### » Windows 7 64 Bit

<OS Drive >:\Program Files(x86)\Common Files\SafeNet Sentinel\Sentinel RMS License Manager\WinNT

### Step 3 – Revoke Network Licenses

Please note that licenses can directly be revoked from a license server or from a client.

- Start the ISD License Manager (x32 Server) tool. Open the Revoke Server License tab.
- » Enter the name of the server (LOCALHOST) on which you want to revoke the licenses.
- » Enter the port number of the license server (Default: 5093). You can use the Check Server button to check your entries.
- > Enter the number of the license version that you want to revoke. The version number can be checked in the License Monitor: Expand the Subnet Servers level containing the license server structure. The first number stands for the module number, the second number for the license version.
- » Now enter the password. If you forgot your password, please repeat steps 1 and 2.

ISD License Manager	-	State of Lot of Lot of		×
Tools				
	LockingID License Info	Commuter License Remote L	Looking Code   Install Remote Authorisation Code   HICAD Konfiguration   HELIOS Konfiguration   Revoke Server License   R +	1ê
	License Server	LOCALHOST	Port 5003 Check Server	
	License Version	1699.0		
	Password	••••••		
			Lock network license	
	1			
1.2.1				
THE WORLD OF CAD AND HEM SOLUTION	8		Cite	7-
- 100				

- » Click the Revoke network license button.
- Select a storage location for the so-called "Revocation Ticket" file. The ISD requires this file for checking purposes and granting of new licenses.



An appropriate message will be issued, telling you whether the revocation was successful or not.

72


» Finally, send the revocation ticket to the E-mail address <u>license\_request@isdgroup.de</u>.

## Step 4 - Send Revocation Ticket File to ISD Software und Systeme GmbH

» Send the **Revocation Ticket** to license\_request@isdgroup.de.

#### Step 5 – Install License Server Software on New Server Computer

The installation of the new License Server software and the detection of the new hardware ID on the new license server computer can take place before, at the same time of or after the revocation on the old computer.

The sending of the license file for the new Server can, however, only take place after receipt and verification of the revocation file for the old computer. All Server Licenses created after 1 August 2010 will therefore remain valid and utilisable for 4 days after revocation.

## 5.4 Revoke Local License for Hardware Component Exchange

To revoke a local license for hardware component exchange, or for the transfer to another computer, the following preconditions must be fulfilled:

- The revocation must take place before the hardware component exchange. If the hardware is irreparably damaged, please contact the ISD Hotline (Email: hotline@isdgroup.de, Phone: 0049 231 9793 166).
- You must be logged with administrator rights on the computer on which the revocation is to be performed.
- » The HiCAD and HELiOS programs on the local computer must be closed.

#### Step 1 – Revoke Local License

» To revoke a local license, activate the Windows Start menu and select All programs > ISD Software und Systeme > Administration > License Manager (x32 Server). Activate the Revoke Standalone License tab.

For operation systems with user account control please execute the program by rightclicking and selecting **As Administrator**; otherwise the functionality is greyed out.

- In the LockLicense program, the HiCAD/HELiOS License option must be activated, then select the appropriate option for license revocation; in the License Manager no further selection will be required, you can immediately click the Revoke license button.
- » Click the **Send revocation code** button to create an E-mail containing all required information.

If no mail client is installed, you can also make a screenshot and send it to the ISD (Email: <u>license request@isdgroup.de</u>; Fax:0049 - 231 9793 288). In either case please also provide the name of the computer on which the revocation is to be performed, as this will facilitate the assigning of the revocation code.

#### Step 2 – Request License for New Computer

At the same time you can request a new local license as described in paragraph 4.2.

The sending of the new license file can only take place after the revocation code of the old hardware has been received and verified by the ISD; the revoked license will therefore remain valid and utilisable for 4 days after revocation.





## 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 errorfree 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.

## 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.





## 7.3 Login

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

- 1. Activate the Login Martin function on the QuickAccess toolbar.
- 2. Select a different user.
- 3. Change the active project if required and confirm the new settings with Login.

# 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.

As of Version 2012, 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, via **Tools > Help Topics > General**. You can select your preferred Online Help type via **Configurations > Options > Help**.



In order 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 which will be made available shortly 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.

THE WORLD OF CAD AND POM SOLUTIONS		I-S-U 🔊
	ogin	
Usemame Password	Login Forgot your password?	
Not yet a member? Sign up		
UNLIMITED PERFORMANCE	ti Shemap ti	te seu d'un de la fair suiver

#### 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.

lease enter your persona ogged into the ISD Wiki in ownload area.	al details and desired account information and you will be including access to online product help, forum and up- and
Full Name	
Email	
Username	
	Same as email
Password	
Confirm Password	
	ah leing

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.

UNLIMITED PERFORMANCE

80



# 9 What's New in HELiOS 2012?

## **Redesigned GUI and functionality:**

- » Enhanced functionality for Drag & Drop behaviour (also for Folder and Project structures).
  - The dragging of a document from the Windows Desktop into the HELiOS Desktop results in an import to the HELiOS Desktop, while the source file will be retained. (SP2)
  - Optimised search functions and result lists
  - Optimised display and behaviour of list views and tree structures, also for project structures. (SP2)
  - Documents can be loaded as read-only files (via context menu)
  - When re-importing files, you can now also check in files with changed extensions (e.g. files changed from .doc to .docx). (SP2)
  - New Mark Up / Redlining options (SP2)

It is generally possible to indicate in result lists whether a redlining document exists for a file.

If a mark-up document exists for a .SZA file that has been opened in the HELiOS Desktop, you will be asked if this document should be opened.

## **Multiple classification:**

It is now possible to assign objects to multiple classes and lists of characteristics, which do not need to be hierarchically related to each other.

#### Support of text fields with line break:

» Text attributes can now consist of more than 255 characters and several lines if desired. To be able to use this feature, you need to assign the corresponding attributes to the required text fields (New: Unlimited text length, Line break possible).

### **Office and CAD Interfaces:**

- » HELiOS 2012 offers Plug-ins for the following versions of external CAD systems:
  - Autocad 2011,
  - Inventor 2011, and
  - SolidWorks 2011

(both 32 and 64Bit);

As well as a permanent MS Office interface (incl. Outlook).

The Plug-in for SolidWorks has been enhanced. Besides, it is now possible to insert Standard Parts in HiCAD via the part master of the HELiOS database. (SP2)

#### Material Manager: Transfer of User Materials:

The Material Manager (materialmanager.exe) that enables a taking over of materials from the Catalogue Editor to HELiOS, now also allows a transfer of user-defined materials in the Factory Standards catalogue to HELiOS. (SP1)

#### Support of further formats in the Plot Manager:

In the HELIOS Desktop, documents can be converted to other formats via output to the Plot Manager. Besides the DXF and DWG formats, conversions to Iges, Step or 3D-PDF file are now also possible. (SP1)

#### **Terminal Server Adjustment:**

» To ensure a smooth operation of HELiOS in a Terminal Server environment, several adjustments and optimisations of the system have been carried out. (SP1)



### **Internet Server:**

The HELIOS Internet Server provides the option to access, with the help of a web interface, an active HELIOS database, where you can then search for and call detail masks for documents, parts, folders and projects as a client. (SP1)

#### **Vault-Server for several suppliers:**

Thanks to an enhancement of the Vault Server architecture it is now possible to provide specific Vault Servers with particular contents via a central Vault Server. For more detailed information, please contact our Consulting staff. (SP2)

#### Copyright 2008, Google Inc.

#### All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

\* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Code generated by the Protocol Buffer compiler is owned by the owner of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This support library is itself covered by the above license.

#### PDF3D®

© 2003-2011 Visual Technology Services Ltd. All rights reserved. Is a registered trademark of Visual Technology Services Ltd.



- THE WORLD OF CAD AND PDM SOLUTIONS

ISD Software und Systeme GmbH Hauert 4 44227 Dortmund Germany Tel. +49-(0)231-9793-0 Fax +49-(0)231-9793-101 info@isdgroup.de www.isdgroup.de ISD Berlin Paradiesstraße 208a 12526 Berlin Germany Tel. +49-(0)30-634178-0 Fax +49-(0)30-634178-10 berlin@isdgroup.de www.isdgroup.de ISD Hannover Ahrensburger Straße 3 30659 Hanover Germany Tel. +49-(0)511-616803-40 +49-(0)511-616803-41 Fax hannover@isdgroup.de www.isdgroup.de ISD Nürnberg Nordostpark 7 90411 Nuremberg Germany Tel +49-(0)911-95173-0Fax +49-(0)911-95173-10

nuernberg@isdgroup.de www.isdgroup.de ISD UIm

#### Wilhelmstraße 25 89073 Ulm Germany Tel. +49-(0)731-96855-0 Fax +49-(0)731-96855-10 ulm@isdgroup.de www.isdgroup.de

ISD Austria GmbH Hafenstraße 47-51 4020 Linz Austria Tel. +43-(0)732-9015-1800 Fax +43-(0)732-9015-1829 info@isdgroup.at www.isdgroup.at

ISD Benelux b.v. Het Zuiderkruis 33 5215 MV 's-Hertogenbosch The Netherlands Tel. +31-(0)73-61538-88 Fax +31-(0)73-61538-99 info@isdgroup.nl www.isdgroup.nl

ISD Benelux b.v. Blankenstein 230 – 1a 7943 PG Meppel The Netherlands Tel. +31-(0)522-2359-80 Fax +31-(0)522-2359-81 info@isdgroup.nl www.isdgroup.nl

ISD Schweiz AG Rosenweg 2 4500 Solothurn Switzerland Tel. +41-(0)32-62413-40 Fax +41-(0)32-62413-42 info@isdgroup.ch



112012\_1702\_E