

COMBIVIS 6

COMBIVIS studio 6

V6.7.1

V6.7.1_3.5.17.21

RELEASE INFORMATION

Release status:
Released







1 Preface

The described hardware and software are developments of the KEB Automation KG. The enclosed documents correspond to conditions valid at printing. Misprint, mistakes and technical changes reserved.

1.1 Signal words and symbols

Certain operations can cause hazards during the installation, operation or thereafter. Refer to the safety information in the documentation about these operations. Security signs are located on the device or on the machine. A warning contains signal words which are explained in the following table:

	➤ Dangerous situation, which will cause death or serious injury in case of non-observance of this safety instruction.
	➤ Dangerous situation, which may cause death or serious injury in case of non-observance of this safety instruction.
	➤ Dangerous situation, which may cause minor injury in case of non-observance of this safety instruction.
	➤ Situation, which can cause damage to property in case of non-observance.

RESTRICTION

Is used when the validity of statements is subject to certain conditions or a result is limited to a certain validity range.



- Is used when the result will be better, more economic or trouble-free by following these procedures.

1.2 More symbols

- ▶ This arrow starts an action step.
- / - Enumerations are marked with dots or indents.
- => Cross reference to another chapter or another page.

	Note to further documentation. Document search on www.keb.de	
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1.3 Laws and guidelines

KEB Automation KG confirms with the CE mark and the EC declaration of conformity, that our device complies with the essential safety requirements.

The CE mark is located on the name plate. The EC declaration of conformity can be downloaded on demand via our website. Further information is provided in chapter "Certification".

1.4 Warranty

The warranty on design, material or workmanship for the acquired device is given in the current terms and conditions.

	<p>Here you will find our current terms and conditions.</p> <p>Terms and Conditions</p>	
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Further agreements or specifications require a written confirmation.

1.5 Support

Through multiple applications not every imaginable case has been taken into account. If you require further information or if problems occur which are not treated detailed in the documentation, you can request the necessary information via the local KEB Automation KG agency.

The use of our units in the target products is beyond of our control and therefore exclusively the responsibility of the machine manufacturer, system integrator or customer.

The information contained in the technical documentation, as well as any user-specific advice in spoken and written and through tests, are made to best of our knowledge and information about the application. However, they are considered for information only without responsibility. This also applies to any violation of industrial property rights of a third-party.

Selection of our units in view of their suitability for the intended use must be done generally by the user.

Tests can only be done by the machine manufacturer in combination with the application. They must be repeated, even if only parts of hardware, software or the unit adjustment are modified.

1.6 Copyright

The customer may use the instructions for use as well as further documents or parts from it for internal purposes. Copyrights are with KEB Automation KG and remain valid in its entirety.

Other wordmarks or/and logos are trademarks (™) or registered trademarks (®) of their respective owners and are listed in the footnote on the first occurrence.

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2 Introduction

This document gives information about the released software versions mentioned above. There are two different so-called “profiles” available.

COMBIVIS 6

- Support for COMBIVERT
- Free of charge
- Registration recommended

COMBIVIS studio 6

- Support for COMBIVERT and COMBICONTROL
- IEC61131 Development Environment
- Full version and additional features available via ticket activation

3 Components

3.1 Packages

Packages contain plugins, libraries, devices and documentation for a certain set of features. The following default packages are installed automatically together with COMBIVIS studio 6 (full set of components):

Component	Version
CODESYS 3.5 SP17 Patch 2 Hotfix 1	3.5.17.21
CODESYS CANopen	4.0.0.0
CODESYS CFC	4.1.0.0
CODESYS Code Generator 166	4.0.0.0
CODESYS Code Generator ARM	4.0.0.0
CODESYS Code Generator ARM64	4.0.0.0
CODESYS Code Generator Blackfin	4.0.0.0
CODESYS Code Generator ColdFire	4.0.0.0
CODESYS Code Generator Cortex M3	4.0.0.0
CODESYS Code Generator MIPS	4.0.0.0
CODESYS Code Generator PowerPC	4.0.0.0
CODESYS Code Generator RX	4.0.0.0
CODESYS Code Generator SH	4.0.0.0
CODESYS Code Generator TIC28x	4.0.0.0
CODESYS Code Generator TriCore	4.0.0.0
CODESYS Communication	4.0.2.0
CODESYS Compatibility Package	3.5.17.20
CODESYS Compiler Versions Archive	4.0.0.0
CODESYS Core Dump	4.0.0.0
CODESYS EDS Import	4.1.0.0
CODESYS Embedded Runtime Extension	4.0.0.0
CODESYS EtherCAT	4.2.0.0
CODESYS Ethernet Adapter	4.0.0.0
CODESYS Library Documentation Support	4.0.0.0
CODESYS LD/FBD	4.0.0.0
CODESYS Memory Tools	4.0.0.0
CODESYS Modbus	4.0.0.0
CODESYS Recipes	4.0.0.0
CODESYS RISC Front End	4.0.0.0
CODESYS Safety Extension (Evaluation version – not for productive use)	0.16.1
CODESYS Safety Support	4.0.0.0
CODESYS Scripting	4.0.0.0
CODESYS Security Agent	1.2.1.0
CODESYS SFC	4.0.0.0

Component	Version
CODESYS Target Settings Export	4.0.0.0
CODESYS Trace	4.0.0.0
CODESYS Visualization	4.0.0.0
CODESYS Visualization Support	4.0.0.0
CONTROL PRO/ADVANCED	4.10.0.0
SafetyExtensionDependencies	1.6.1.0
T6Wizard	6.7.0.0

The full list of installed packages depends on the component selection in the setup. It can be seen in the Package Manager, available from inside the application via Menu: "Tools" → "Package Manager..."

3.2 Programming components

COMBIVIS studio 6 uses parts of the *CODESYS Development System V3* by the *CODESYS Group* to offer programming functionality for KEB PLCs. The underlying CODESYS Version is V3.5 SP17 Patch 2 Hotfix 1 (3.5.17.21).

3.3 KEB Device parameterization and configuration components

The following main components are included:

Component	Functionality	Version
KEB AppCenter Integration	Integration of Microsoft AppCenter	6.7.1.0
KEB Base Plugin	Basic functionality for the parameterization of KEB devices (Device-Editor, ParameterLists etc.)	6.7.1.0
KEB COMBIVIS studio 6 Extension	Certain functionalities dedicated only to the "studio"-Version	6.7.1.0
KEB COMBIVIS studio HMI Integration	Integration of the COMBIVIS studio HMI-Functionality	6.7.1.0
KEB Configurator	The KEB Configurator	6.7.1.0
KEB Customizer	KEB Framework Customization	6.7.1.0
KEB Document Database	Adds the functionality to install, open and search KEB documents with COMBIVIS.	6.7.1.0
KEB Drive file system	Access to the file system on KEB drives	6.7.1.0
KEB Energy Efficiency Declaration	Energy efficiency report generator for KEB drive controllers	6.7.1.0
KEB F5 Motor Configurator	PlugIn for configuration of F5-Inverters for certain motors	6.7.1.0
KEB Online Update	Online Update functionality	6.7.1.0
KEB Operation Mode wizard	Wizard for configuration of the operation mode of x6 devices	6.7.1.0
KEB Parameter Cockpit	Parameter Cockpit	6.7.1.0
KEB Parameter list editor	Editor for user defined lists of parameters	6.7.1.0
KEB Parameter Model	Basic functionality to access the KEB parameter-descriptions ("Paras.xml")	6.7.1.0

Component	Functionality	Version
KEB Parameter Search	Fulltext search for parameter lists and device parameters	6.7.1.0
KEB Property Editor	The Property-Editor that is used to edit parameter-values and to display parameter properties	6.7.1.0
KEB Protection wizard	Wizards for configuration of x6 protection/warning settings	6.7.1.0
KEB Safety integration	Plugin that manages the KEB-safety parameters (integration of SAFEGRID)	6.7.1.0
KEB Scope	Scope functionality	6.7.1.0
KEB Sequence Control wizards	Basic functionality that is used by wizards to realize a sequence-based operations	6.7.1.0
KEB Startup wizards (legacy)	Common frame for offline configuration wizards (pre-x6 generation)	6.7.1.0
KEB Startup wizards (x6 devices)	Common frame for configuration wizards for devices of the x6 generation	6.7.1.0
KEB T6 Wizard	KEB T6 Wizard	6.7.1.0
KEB Toolbox plugin	Collection of tools for other KEB plugins	6.7.1.0
KEB Utilities	Common utilities with basic functionality for COMBIVIS [studio] 6 Plugins + Implementation of the COMBIVIS communication layer	6.7.1.0
KEB Velocity Mode wizard	Wizard for configuration of the velocity-mode for x6 devices	6.7.1.0
KEB x6 Motor Configurator	Wizards for configuration of motor-settings in x6 devices	6.7.1.0
KEB x6 Online wizards	Collection of online operation wizards for x6 devices	6.7.1.0
KEB x6 PD-Mapping wizard	Wizard for configuration of x6 devices ProcessData-mapping	6.7.1.0

4 System requirements

4.1 Minimum equipment for smaller projects

- Microsoft Windows 10, 32-bit or 64-bit version
- 2 GHz Processor
- 2 GB RAM (4 GB recommended)
- 2.5 GB hard disk storage free
- Screen resolution min. 1024 x 768
- Display size 100% or 125% (150% with limitations)
- Microsoft .NET framework version 4.7.2

4.2 COMBIVIS 6 Safety Module Editor

For the **Safety Module Editor in COMBIVIS 6** (Configuration / parameterization of safety modules in COMBIVERT F6, S6, and H6) some other requirements are valid:

- The safety module editor requires a Microsoft Windows 10 operating system.
- The current service pack should be installed.
- The language must be English or German.

4.3 COMBIVIS studio 6 Safety Editor

The system requirements for the **COMBIVIS studio 6 Safety Editor** (Programming of KEB Safety PLC und Safety I/O modules) can be found in the current manual. It is accessible via menu bar: "Help" → "Show safety-manual".

4.4 Note on Windows operating systems

ATTENTION

- Microsoft Windows 7 is no longer supported in COMBIVIS 6 / COMBIVIS studio 6 version 6.7.0 and later!
- COMBIVIS 6 / COMBIVIS studio 6 are designed for Windows Desktop systems only. Other systems like Windows Embedded, Windows IoT or Windows Server systems are not supported!

4.5 Note on Microsoft .NET Framework

Microsoft .NET Framework Version 4.7.2 or higher is required. If this software is not yet available on your system, setup will install it automatically (internet access required).

You may also download the .NET Framework installation files directly from Microsoft:

<https://dotnet.microsoft.com/download/dotnet-framework>

5 Change Notes

5.1 IEC 61131-3 Libraries

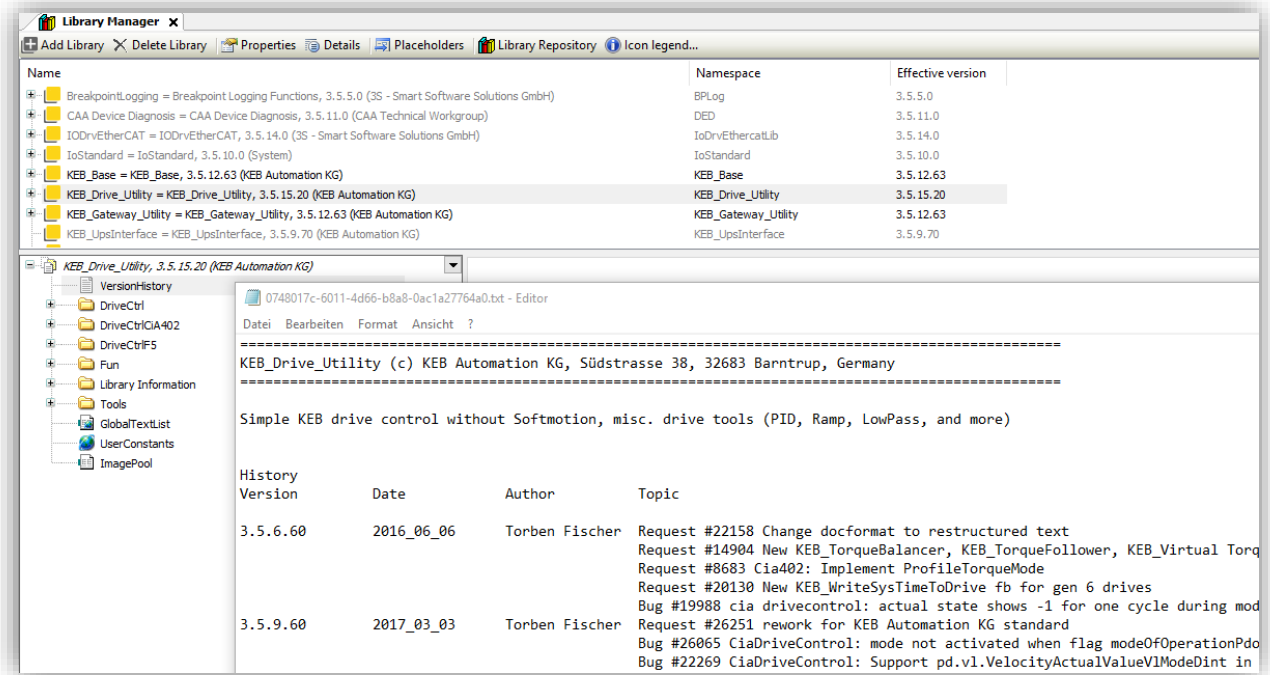
5.1.1 List of shipped libraries

The following libraries are shipped with this release:

Library name	Version	Remarks
KEB_Base	3.5.16.50	Update
KEB_Base_FastStringTools	3.5.15.24	Update
KEB_Base_Logger	3.5.9.70	
KEB_Can_Master_If	3.5.9.60	
KEB_CanSlave	3.5.15.20	Update
KEB_ChannelHandler	3.5.12.60	
KEB_Datalogging	3.5.15.20	Update
KEB_Din66019II	3.5.15.20	Update
KEB_Drive_UTILITY	3.5.15.40	Update
KEB_DS301_Baself	3.5.12.60	Update
KEB_ErrorHistory	3.5.15.20	Update
KEB_EtherCat_Master-If	3.5.15.21	Update
KEB_Email	3.5.15.21	Update
KEB_ExternalFunctionCall	3.5.15.20	New
KEB_Fieldbus slaves	3.5.9.75	
KEB_File_Handling	3.5.15.22	Update
KEB_FTP	3.5.9.73	Update
KEB_Gateway_UTILITY	3.5.16.20	Update
KEB_HSP5_Master	3.5.12.60	
KEB_IEC_Slave	3.5.9.60	
KEB_License_Check	3.5.15.20	
KEB_List_UTILITY	3.5.15.20	Update
KEB_Modbus	3.5.12.30	
KEB_ObjectDictionary	3.5.15.20	Update
KEB_P6_Hardware	3.5.9.70	
KEB_P6_Tools	3.5.9.70	
KEB_ParameterList_Handling	3.5.12.66	Update
KEB_PLC_Hardware	3.5.9.70	
KEB_RealtimeEthernet	3.5.15.21	Update
KEB_RioUtility	3.5.12.60	
KEB_ShearUtility	3.5.12.61	New
KEB_SignalUtility	3.5.15.21	New
KEB_SMC_UTILITY	3.5.15.20	Update
KEB_StatusCollectorH6	3.5.9.60	
KEB_SymbolsTest	3.5.15.20	New
KEB_T6_Tools	3.5.9.71	
KEB_TemplateLibrary	3.5.9.70	New
KEB_UpsInterface	3.5.9.70	New
SysTarget	3.5.9.60	

5.1.2 Library bugfixes / new features

Detailed information about changes in a library can be found in the “VersionHistory” text document inside each library:



5.2 Bug fixes and new features

The following bugs have been fixed, and new features have been implemented since the last release (version 6.6.0):

#	Tracker	Remarks
21524	Bug	CAN EDS File: Wrong default value for parameter 0x1800:03 (inhibit time)
32518	Bug	SoftMotion Homing issue with KEB H6 Double-axis module [SM-2214]
37829	Bug	"Access Denied" errors when uninstalling Safety package
38794	Bug	Profile Selector crashes when CV studio project is password protected
38880	Bug	Print dialog of parameterlists yields an error preventing the export
38896	Bug	If application runs in German, Creating an IEC PlainText function leads to a meaningless error message
39106	Bug	COMBIVIS studio: F12 shortcut is used twice
39137	Bug	NullReference Exceptions in TreePropertyEditor when switching parameter language option
39211	Bug	False accesstype in powerlink xdd export
39214	Bug	CAN EDS Export: Exclude all objects in reserved address area
39215	Bug	CAN EDS export: Several issues with exported EDS files
39216	Bug	CAN EDS Export: Wrong default value for 180xSub0 entries
39422	Bug	Ctrl+F7 doesn't work
39727	Bug	COMBIVIS studio 6 menu is displayed if COMBIVIS 6 is installed [6.7.0]

#	Tracker	Remarks
40328	Bug	COMBIVIS studio 6: Profile selection does not work for multiple users
40377	Bug	Year 2038 bug in Safety Editor and Basic settings wizard
21524	Bug	CAN EDS File: Wrong default value for parameter 0x1800:03 (inhibit time)
32518	Bug	SoftMotion Homing issue with KEB H6 Double-axis module [SM-2214]
37829	Bug	"Access Denied" errors when uninstalling Safety package
38794	Bug	Profile Selector crashes when CV studio project is password protected
38880	Bug	Print dialog of parameterlists yields an error preventing the export
38896	Bug	If application runs in German, Creating an IEC PlainText function leads to a meaningless error message
39106	Bug	COMBIVIS studio: F12 shortcut is used twice
39137	Bug	NullReference Exceptions in TreePropertyEditor when switching parameter language option
39211	Bug	False accesstype in powerlink xdd export
39214	Bug	CAN EDS Export: Exclude all objects in reserved address area
39215	Bug	CAN EDS export: Several issues with exported EDS files
39216	Bug	CAN EDS Export: Wrong default value for 180xSub0 entries
39422	Bug	Ctrl+F7 doesn't work
39727	Bug	COMBIVIS studio 6 menu is displayed if COMBIVIS 6 is installed [6.7.0]
40328	Bug	COMBIVIS studio 6: Profile selection does not work for multiple users
40377	Bug	Year 2038 bug in Safety Editor and Basic settings wizard
40460	Bug	Parameter list export command "EtherCat CoE startup command file" does not work from navigator context menu
40504	Bug	S6 standard mapping: datatype of modesOfOperation is wrong
40687	Bug	Fieldbus wizard not available for H6 drives (and maybe others)
40747	Bug	Compile errors while browsing through Library Manager
40814	Bug	Parameterlist editor: Infotext overlaps
40937	Bug	Scope: Internal queue is not thread-safe
41084	Bug	Wrong installation path for the "ScriptLib" folder
41131	Bug	Application crash during Online Update
41240	Bug	File type '.library' is being associated with COMBIVIS studio 6 even if only COMBIVIS 6 is installed; double-click fails
41242	Bug	Wrong Revision-No ESI Export F5 EtherCAT Operator
627	Request	Support for string parameters
37292	Request	Link COMBIVIS (studio) to VisualStudio AppCenter
37391	Request	Sandbox Installation: Allow parallel installation of different version of COMBIVIS
37912	Request	Install the packages in the setup rather than the first application start
37928	Request	allow the setup to trigger the uninstallation of older versions, even if the versions could coexists
38825	Request	Setup: Remove "old" contents of PackagesToInstall folder before placing new contents in there [6.7.0]

#	Tracker	Remarks
38899	Request	Enable ""Package Manager"" menu item by default in COMBIVIS 6
38910	Request	Reactivate parameterlist object
38941	Request	Make the default directory of the configurator database unique to installation
39146	Request	Import/ Export CVs6 options
39174	Request	Use the exit command in the FTP connection to reenab the DIN communication faster for devices connected using the serial port
39229	Request	Realize default structure elements
39230	Request	Add structural elements below a new device automatically
39231	Request	Add scopes below a device
39233	Request	Add default structural elements on project level
39238	Request	Start page: ""News"" and ""homepage"" URLs should be set to ""empty""
39245	Request	Change the logic for UI and parameter language selection in safety editor
39272	Request	Use a configuration file instead of the registry to store version information
39286	Request	Add a link to open a new instance to the taskbar context menu
39301	Request	Encrypt the FTP password sent by Combivis
39328	Request	Update samples for CVs 6.7.0 Build 221
39333	Request	Vendor name should be added to Safety Module parameters print-out
39471	Request	Update ethercat master to 3.5.16.30
39553	Request	Note when entering the Wizard Feedback with (A)SCL and encoder feedback
39693	Request	AppCenter integration options
39805	Request	Support saving with older profile
39867	Request	Parameter backup: If there is only one device in the list, it should be selected by default
40036	Request	Tree Structure Part I
40265	Request	COMBIVIS 6 Registry should be shared between different installations
40266	Request	Association with COMBIVIS studio 6 for ""projectarchive"" should be removed for COMBIVIS 6 installation
40267	Request	IDE Updater (COMBIVIS Update Tool) needs to handle parallel installations
40311	Request	Windows 10 Start menu entries should be arranged more clearly
40312	Request	Add version information to the main window title
40325	Request	Add matching visu profile (3.5.16.20)
40327	Request	COMBIVIS studio 6 feature activation process should be documented in COMBIVIS 6 manual
40402	Request	Update year in copyright to 2021
40429	Request	Placement of backup list in navigator
40449	Request	Enable ""License Repository"" feature
40450	Request	[String-Parameter] limit length of text to MaxValue
40453	Request	Fieldbuswizard extension - process data size selection for PROFINET

#	Tracker	Remarks
40469	Request	It should be possible to add only one Safety Module Editor below a device
40545	Request	Remove Parameter 0x160F (ConfigId) from the EDS Export
40546	Request	Review Statusword display in the Testrun Wizard
40694	Request	Setup: By default, install only COMBIVIS 6, not COMBIVIS studio 6
40699	Request	Add a startmenu entry for the KEB VersionManager
40753	Request	Clear Library and Repository caches during setup
40756	Request	Setup: Installed application should be labelled as "COMBIVIS (studio) 6"
40999	Request	Add "always" option to "Use CANopen services for compatible devices"
41029	Request	Update TeamViewer Quick Support Tool to Version 15
41128	Request	Integration of Codesys 3.5.17.20
41137	Request	Remove "clean up old repositories option" in setup dialog
41189	Request	Integrate Softmotion package 4.10
41198	Request	repositories of parallel versions should not be shared by default
41243	Request	Add a dedicated safety profile
41317	Request	Safety Environment should be "ready to use" after installation
41427	Request	Safety Code Review
41428	Request	Safety Code Review ISG CNC Kernel Package
41580	Request	Disable "Add parameter list" button in toolbar when a parameter list is selected in a navigator

6 Known restrictions

6.1 HSP5

KEB High speed serial protocol for F5 (HSP5) is not supported by COMBIVIS 6! Users who need to connect to a device via HSP5 are recommended to use the KEB USB Serial Converter (part no. 0058060-0040), which converts HSP5 to the protocol DIN66019II (serial) which is supported by COMBIVIS 6.

7 Registration / Feature activation

7.1 COMBIVIS 6 customer registration

This chapter explains the non-mandatory registration procedure for the base-version COMBIVIS 6. Feature activation of COMBIVIS studio 6 is described in the next chapter.

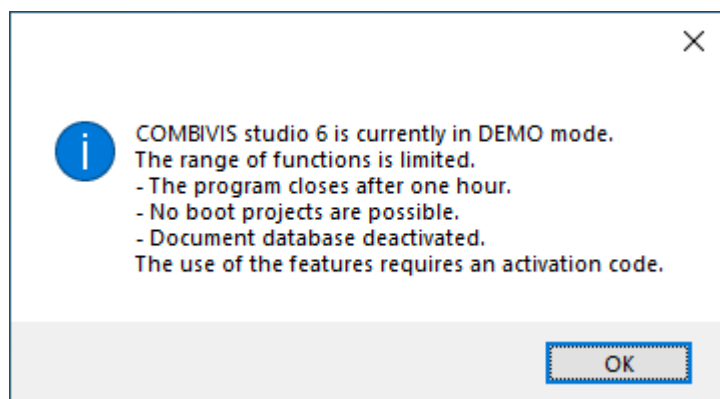
The registration of COMBIVIS 6 is optional and free of charge. However, we recommend to register your COMBIVIS 6 version in order to get access to the KEB document database.

To register your COMBIVIS 6 version, please use the menu command “Help” → “Free customer registration”, click “Free customer registration” on the COMBIVIS 6 start page, or go directly to <https://www.keb.de/in-dex.php?id=636>. Then, follow the instructions on the website.

7.2 COMBIVIS studio 6 feature activation

ATTENTION

COMBIVIS studio 6 has a built-in feature activation system. To use the full range of features, you must activate them using a ticket that you received from KEB. Unless activated, the application can only run in **DEMO** mode with a limited feature set and the following dialog will be displayed on every start-up:



Please contact a KEB contact person in this case!

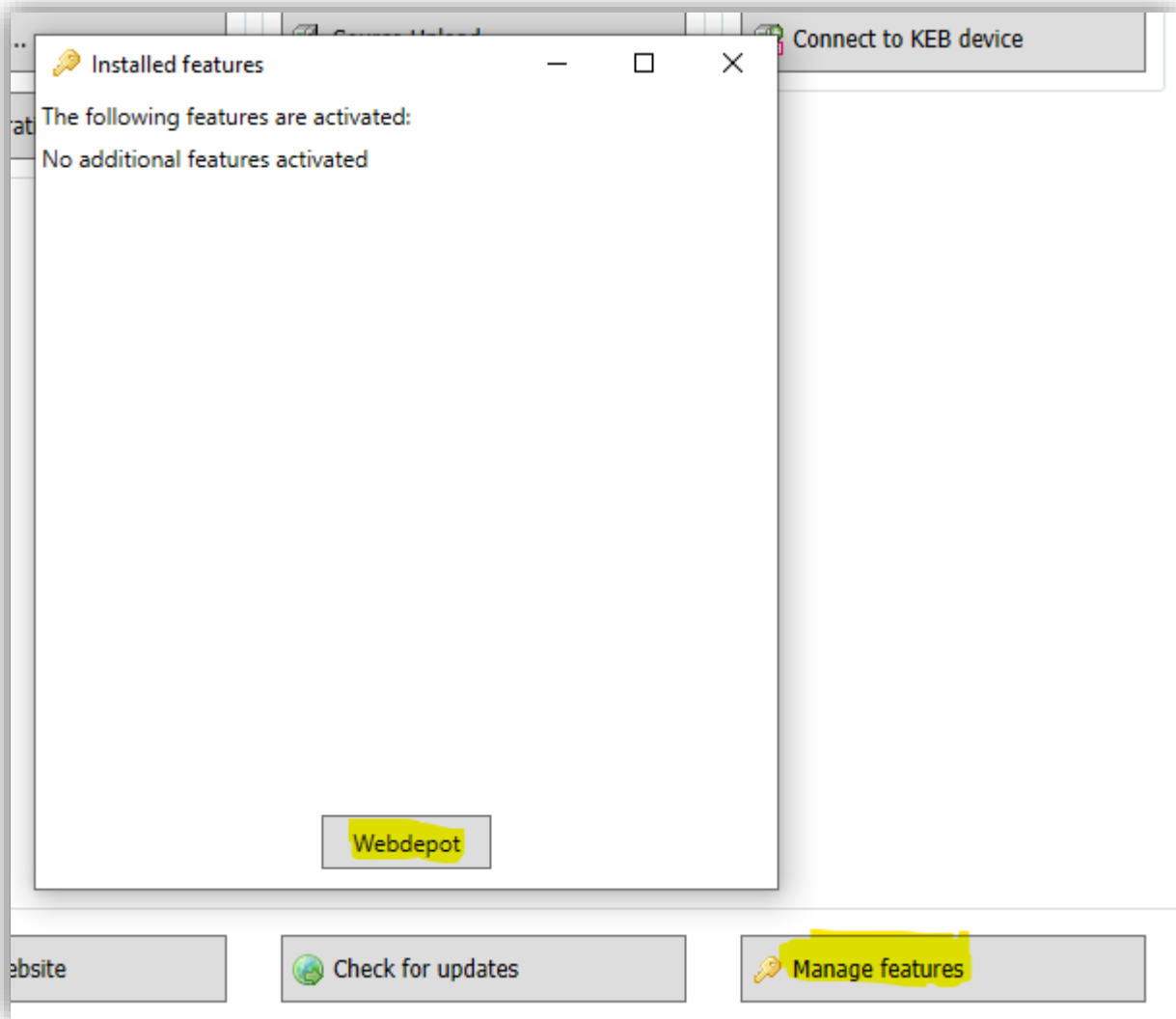
ATTENTION

Please note that for online activation, you need access to the Internet and the latest version of a common web browser. Older versions incl. ESR/LTS versions might not work.

However, if online activation does not work for you, you can activate your features anyway. Please use “File-based license transfer” in this case.

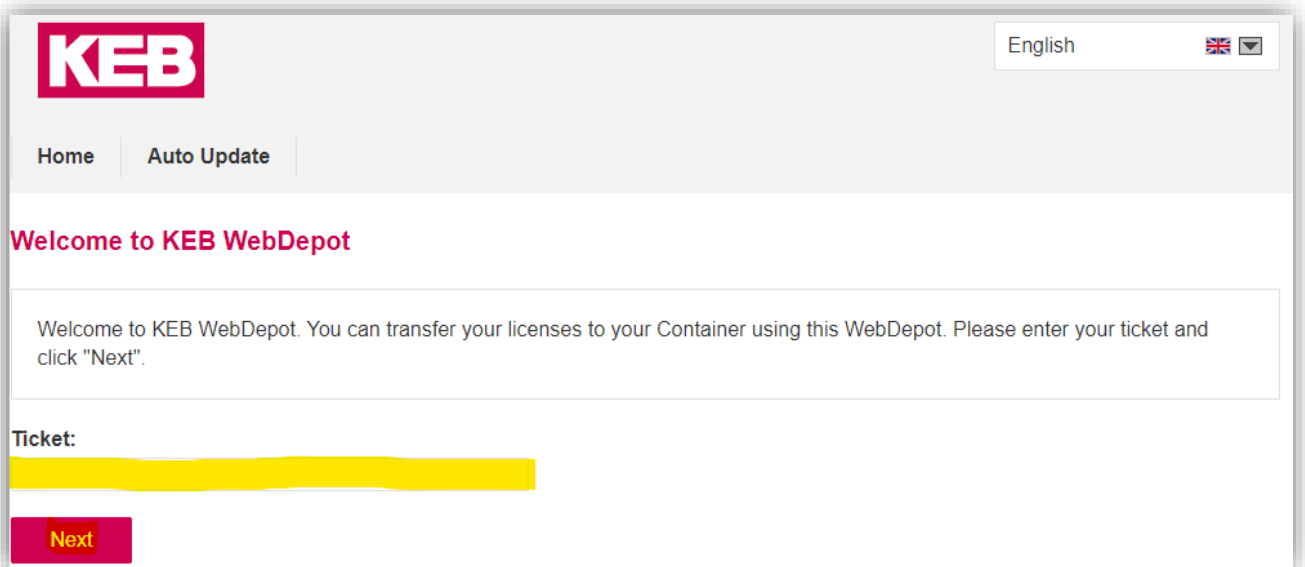
In order to activate your COMBIVIS studio 6 installation, please open the “Manage features” dialog (Menu “Help” → “Manage features”, or click “Manage features” on the start page).



Inside the dialog, please click on "Webdepot":



The KEB WebDepot opens up in a new web browser window. The KEB WebDepot is your feature management dashboard, where you can review, activate or deactivate all your COMBIVIS studio 6 feature. You can also get to the KEB WebDepot directly via this link: <https://features.keb.de/index.php>.

In the KEB WebDepot, enter your ticket number and press "Next":



English  

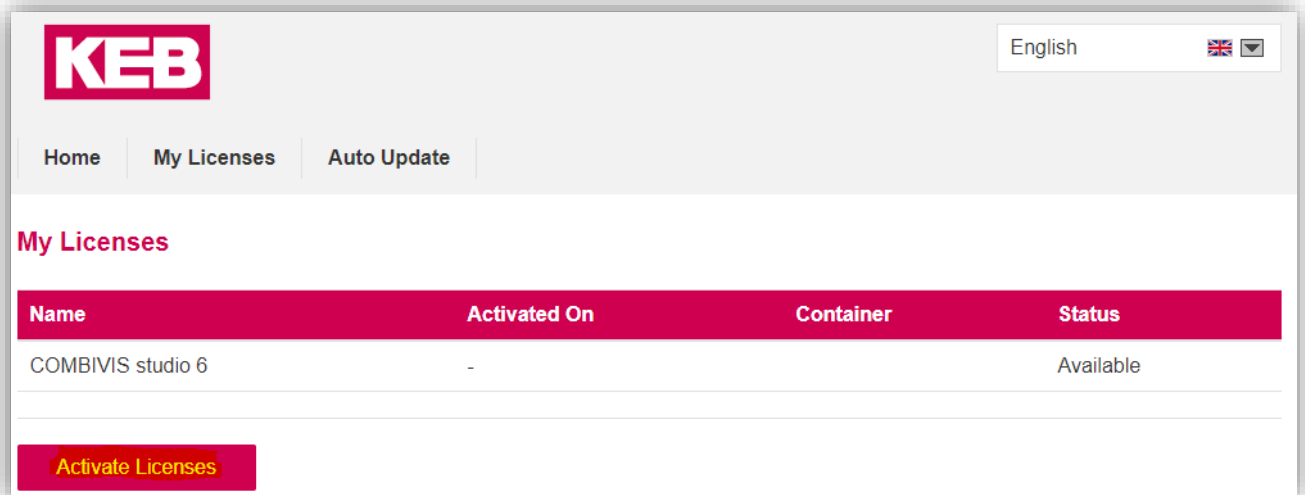
Home | Auto Update



Welcome to KEB WebDepot

Welcome to KEB WebDepot. You can transfer your licenses to your Container using this WebDepot. Please enter your ticket and click "Next".

Ticket:

On the next page, you see all features available for you. Press "Activate Licenses" to proceed:



English  

Home | My Licenses | Auto Update

My Licenses

Name	Activated On	Container	Status
COMBIVIS studio 6	-		Available

Now, press "Activate Selected Licenses Now" to start the activation process:

The screenshot shows the KEB software interface. At the top left is the KEB logo. At the top right, there is a language dropdown menu set to "English" with a UK flag icon. Below the logo is a navigation bar with three items: "Home", "My Licenses", and "Auto Update". The main content area is titled "Available Licenses". Below this title is a box with the heading "To activate your licenses:" followed by three numbered steps: 1. Select the licenses you want to activate. 2. Select the locally connected Container to which you want to transfer the licenses. 3. Click "Activate Selected Licenses Now". Below the instructions is a table with four columns: Name, Activated On, Container, and Status. The table contains one row with a checked checkbox, the name "COMBIVIS studio 6", a dash in the "Activated On" column, an empty "Container" column, and the status "Available". Below the table is a "Select Container" section with a dropdown menu showing "130-1319848746 (KEB Workstation)" and a refresh icon. At the bottom left is a red button labeled "Activate Selected Licenses Now". At the bottom right, the text "File-based license transfer" is displayed.

Available Licenses

To activate your licenses:

1. Select the licenses you want to activate.
2. Select the locally connected Container to which you want to transfer the licenses.
3. Click "Activate Selected Licenses Now".

<input checked="" type="checkbox"/>	Name	Activated On	Container	Status
<input checked="" type="checkbox"/>	COMBIVIS studio 6	-		Available

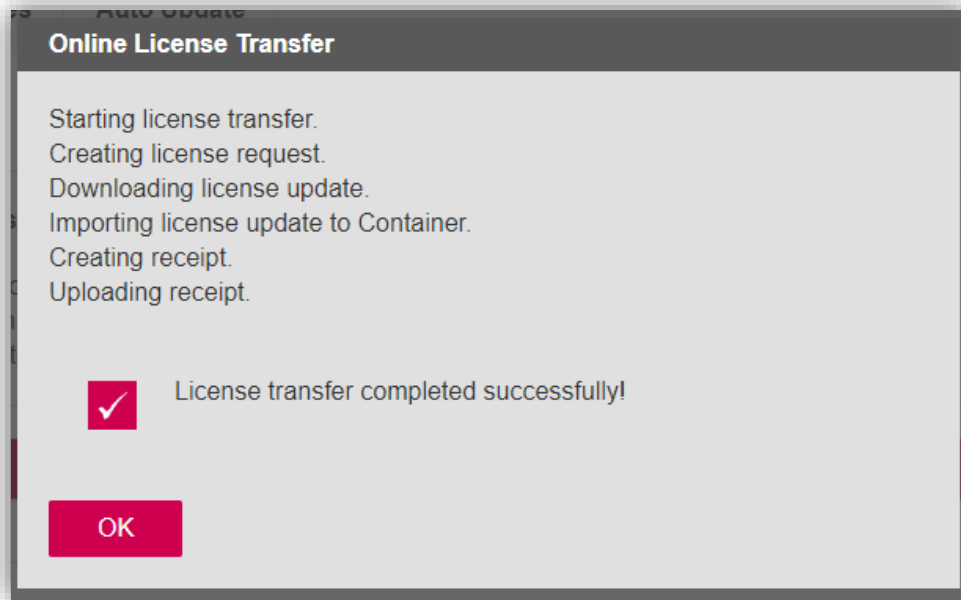
Select Container

130-1319848746 (KEB Workstation)

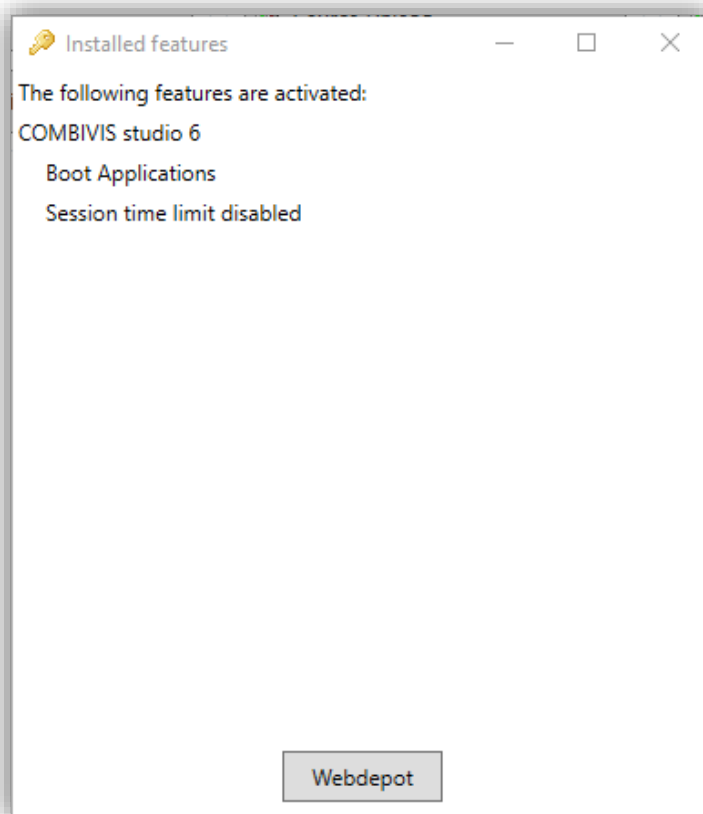
Activate Selected Licenses Now

File-based license transfer

After the feature activation is completed, the WebDepot confirms the successful feature activation:



If you now go back to COMBIVIS studio 6, you will see the activated features in the "Manage features" dialog:



8 Legal terms

By using COMBIVIS 6 and/or COMBIVIS studio 6 you agree to KEB's GENERAL TERMS OF CONTRACT FOR THE CESSION OF SOFTWARE LICENSE PRODUCTS, which can be found on the KEB website (www.keb.de) and in your local COMBIVIS 6 installation directory.

COMBIVIS 6 / COMBIVIS studio 6 incorporates 3rd party software components, which bring their own license terms. Information about these components and the corresponding license terms can be found in the file `ThirdPartyLicenses\EndUserInformation_OpenSource_CVs6.pdf` located in your COMBIVIS 6 installation directory.

9 History of changes

Date	Version	Change	Author
2013-05-21	6.2.0.0	Updated to new version	Dominik Follmann
2013-09-26	6.2.1.0	Updated to new version	Dominik Follmann
2014-02-24	6.2.2.0	Updated to new version	Dominik Follmann
2014-10-15	6.2.3.0	Updated to new version	Dominik Follmann
2015-07-13	6.3.0.0	Updated to new version	Dominik Follmann
2016-06-28	6.3.1.0	Updated to new version	Dominik Follmann
2017-07-13	6.4.0	Updated to new version	Dominik Follmann
2018-03-22	6.4.1	Updated to new version	Michael Heinze
2019-08-16	6.5.0	Updated to new version	Michael Heinze
2020-09-07	6.6.0	Updated to new version + Redesign	Michael Heinze
2022-04-06	6.7.1	Updated to new version	Michael Heinze

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