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## Dear VeraCAD, VeraMASS and Zeye3D users

Thank you for choosing a software product from ERATZ Engineering – Forging Software.

- VeraCAD The interactive CAD software for the design of reducer roll tools.
- VeraMASS Analysis of mass distribution diagrams and design of stage plans.
- Zeye3D Visualization of 3D CAD data and data conversion.

This introduction is intended to help you install the software on your computer or local network using the TCP/IP protocol. It applies to the Microsoft Windows operating system Version 10 and higher.

Working with the full version of our software requires a safety plug (dongle) on the USB port for software protection, including the installation of the corresponding device driver. If you want to work with our software on several computers in a network, it is necessary to install a service on the server that allows and manages the client computers' access to the safety plug.

### 1 Identifying the usb safety plug by manufacturer and type

Our software works with a safety plug (dongle). We have been using the CodeMeter dongle from WIBU Systems AG for more than 15 years.



WIBU Systems AG - CodeMeter USB safety plug

### 2 Required installation files

All necessary files can be found in the setup file (VeraTechno XX.msi) or can be downloaded from the ERATZ homepage in the download area ([https://eratz.de/vc/download\\_en.html](https://eratz.de/vc/download_en.html)).

#### 2.1 Operating system components

Our software works with the MFC (Microsoft Foundation Class) user interface. This should already be installed on your Windows computer. If this is not the case, you will receive a corresponding error message when you start our software. In this case, the current libraries and DLL files must be downloaded and installed from Microsoft (file: Vcredist\_x64.exe current version). This must be done by the administrator.

## 3 Installation of the software VeraCAD, VeraMASS or Zeye3D

### 3.1 Setup files for the software installation

For the initial installation, please download the VeraTechno\_Setup\_XX.msi file from our homepage and run it. You will need administrator rights for this. Continue the installation by creating the licence (see section 5.1).

### 3.2 Update installation

If the desired software product has already been installed on your computer, you do not need to perform a complete installation (see above) again, but you can download the portable version directly. For example, to update to the latest VeraCAD version, download VeraCAD\_XX.zip directly. Unpack the zip archive and copy the software to the desired directory (e.g. c:\Programme\...).

It is not necessary to uninstall an older version. You can simply replace the exe file with the new version. It is also possible to run different versions in parallel mode.

## 4 Device driver for the usb safety plug

This step describes the manual installation of the device driver. To install a driver, you must be logged in as an administrator. Our software works with the CodeMeter usb safety plug (WIBU Systems AG). If you want to update the CodeMeter device driver, you need the CodeMeterRuntime64.exe file. A current version can be found on the hardware manufacturer's homepage and should be downloaded directly here (<https://www.wibu.com/de/support/>).

## 5 Files for licensing

To install the full version of our software or just a new license, you need the file: December\_20xx.zip from our homepage.

This ZIP archive contains the files:

- License.exe
- ReadMe.txt
- December\_20xx.LMF (License Master File)

You need this to generate the licence. Then you can work with the software product.

### 5.1 Generating the license key

The security plug does not represent the entire software protection. An individual license key is required to license a specific product, set an expiration date or limit the number of workstations. The license key consists of a hexadecimal character string which is located in a file with the name e.g. VeraCAD\_460\_xx.lic or Zeye3D\_200\_xx.lic, where xx is your individual serial number. The serial number is located on a small label (or print) directly on the safety plug or on the registration card that was delivered with the software. You will receive a license key either by email or by downloading the license master file from our homepage.

The License.exe application is either executed automatically during the software installation by activating the corresponding "Install License Key" option or it is called directly by the user.

To create a licence manually, start License.exe. The program asks for a licence master file (e.g. December\_20xx.lmf) and checks whether it contains valid licence keys for your serial number. The serial number is read directly from the safety plug. It is therefore necessary for this step that the safety plug is plugged into the computer and the driver is started or accessible in the network. The licences are decrypted and stored in the same directory where License.exe is located. Please ensure that you have full access to this directory.

## 6 Starting the user software on the client computer

When VeraCAD or Zeye3D is started for the first time, the software asks for a licence key (file VeraCAD\_460\_xx.lic or Zeye3D\_200\_xx.lic). The licence key can be copied to other computers and should be saved in a safe place.

Click on 'Global settings' in the software and then on 'Licence settings'. In the 'Browse' input field, select the licence file with the correct path and open it. The application should now run correctly.

Various information is displayed in the dialog window:

- Serial number
- License expiration date
- Maintenance expiration date
- License check - valid/invalid

For more information about licenses, expiration and obtaining new licenses, see the document "License Expiration" and "Readme\_English.txt".

## 7 Check whether the device driver has been installed correctly

There are 3 methods of verification.

1. A new icon is displayed in the taskbar .  
Click on the icon to view the version of the device driver. Hidden icons can be activated by clicking the arrow icon on the taskbar.
2. Open the task-manager.  
If the installation is successful, you will find the entry "CodeMeter Runtime Server" in the "Processes" column.
3. Enter <http://localhost:22352/> in the address bar of your browser. The CodeMeter Control Center opens. If no web interface (CodeMeter WebAdmin) opens, the driver was not installed correctly.

## 8 Configuration of the safety plug in a network

Our software can also be operated in a local network. The safety plug is plugged into a server computer and several client computers can work with the software. For this purpose, a special service must be running on the server. This service answers requests from client computers.

A maximum of 2 client computers can work with the software simultaneously (at the same time).

## 8.1 Configuration of the network for the usb Wibu CodeMeter safety plug

Install the CodeMeterRuntime kit on the server computer and on the client computer as described in step 4. It is not necessary to install the VeraCAD, VeraMASS or Zeye3D user software on the server if it is not to be used here.

## 8.2 Wibu CodeMeter settings on the server side

Enter `http://localhost:22352/` in the address bar of your browser. The CodeMeter Control Center opens. Go to the 'Settings' page and then to 'Server access'. Set the 'Network server' option to 'Enable'. Then click on 'Apply'.

## 8.3 Settings for Wibu CodeMeter on the client computer

Enter `http://localhost:22352/` in the address bar of your browser. The CodeMeter Control Center opens. Go to the 'Settings' page and then to 'Server access'. Set the access mode to 'Simple'. If the network contains a particularly large number of computers or complex access rules, access to the security connector may take too long or fail. In this case, it is necessary to enter the name of the server or its IP address in the server search list. To do this, click on 'Add' and enter the server name. Then click on 'Apply'.

## 9 Troubleshooting

Error Message	Reason
No usb safety plug found	<p>The safety plug was not found.</p> <ul style="list-style-type: none"> <li>• The CodeMeter safety plug is not plugged in (neither on the client nor on the server computer).</li> <li>• The CodeMeter device driver is not installed.</li> <li>• The CodeMeter connector is plugged into a server and cannot be reached on the network.</li> <li>• The access rights to a CodeMeter connector in the network are not given or the necessary ports are not released.</li> </ul>
The license key is invalid	<p>This message appears if the license file is not found or the license is invalid or expired. Then repeat step 5.1. If this does not solve the problem, please send the complete error message to the ERATZ engineering office. We will help you further.</p>

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