EPCWIN
DRAWING · EDITING · DIGITIZING

Terms of license

EPCwin is to be used only on a single computer. Reproduction, hire and passing on are prohibited. Within the framework of the statutory provisions, no more extensive guarantees or warranties are granted. Your use of EPCwin constitutes acceptance of these terms of license.

What do I wish to do?

Please read the following note!

Windows user rights for the installation
The EPCwin Software as well as the WIBU SYSTEMS Security software must be installed by an operator with administrations rights.

Windows user rights for the operation of the EPCwin
The user account of the computer must have full Write – and Read authorisations for the EPCwin and EPCwinData folders.
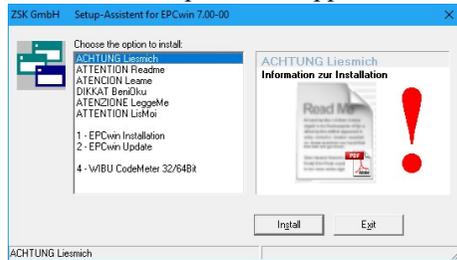
Installing EPCwin

> **Switch on the computer <u>without</u> connecting the supplied WIBU CodeMeter.**

Plug the USB stick in an empty USB slot of your PC.

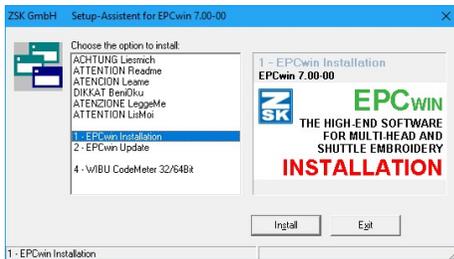Start *USB drive letter:\EPCSetup.bat*.

The EPCwin setup assistant appears on the screen

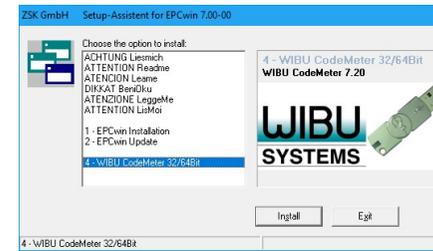You have to execute three steps when installing EPCwin for the first time.

1. Installation of EPCwin program software
2. Installation of WIBU-SYSTEMS CodeMeter software

Re 1: Installation of EPCwin program software

Select item *1 EPCwin Installation* and initiate the installation by pressing *Install*. Follow the instructions on the screen. The setup program guides you through the individual installation steps.

Re 3: Installation of WIBU-SYSTEMS CodeMeter software

Select item *4 WIBU CodeMeter 32Bit* and initiate the installation by pressing *Install*. Follow the instructions on the screen. The setup program guides you through the individual installation steps.

Concluding installation routine

Update von EPCwin 1.x/2.x/3.x/4.x/5.x/6.x auf 7.x

NEW SECURITY DONGLE: Starting from EPC version 3.60 it is essential, that you install the new version of the WIBU-SYSTEMS security software, to support the new CodeMeter hardware. After this you have to replace the WIBU-Key-Dongle with the CodeMeter.

Note
updating from Version 1.x/2.x/3.x/4.x/5.x/6.x to Version 7.x is subject to a charge. You need new passwords for Version 7.x. You can download the passwords from atelier@zsk.de. DEMO days installed with Version 1.x/2.x/3.x/4.x/5.x/6.x are retained and do not expire.

Important Notice
Before updating to the version 7.x, we strongly recommend to carry out an update of the design data. Furthermore, please execute a parameter backup. Both backups should be saved on an external hard disk (e. g.) for the case of having to revert to these data at a later time. The Windows directory of the backup should be given a meaningful name. e. g. EPCwinBackupPreVersion70.

Please use for saving the system parametres the function *Backup Parametres* in menu item *Input – Output*.
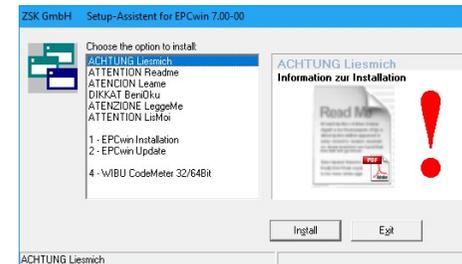
Important Notice
With the update to version 7.x, essential parts of the design- respectively block data storage have been modified. Consequently, designs or blocks can only be opened with versions from 5.x onward. Prior versions of the EPCwin are not able to open these designs correctly.
Before downgrading back to version 6.x, or less, please contact in any case our customer service under atelier@zsk.de.

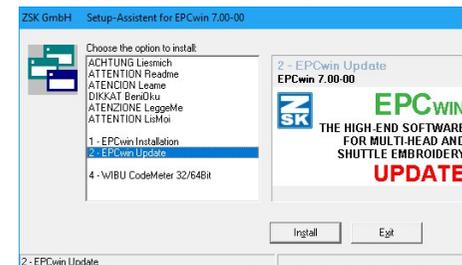---

Plug the USB stick in an empty USB slot of your PC.

Start *USB drive letter:\EPCSetup.bat*.

The EPCwin setup assistant appears on the screen

You have to execute three steps when updating EPCwin.

1. Update of EPCwin program software

2. Check the CodeMeter Firmware

3. Installation of WIBU-SYSTEMS CodeMeter software

Re 1: Update of EPCwin program software

Select item *2 EPCwin Update* and initiate the installation by pressing *Install*. Follow the instructions on the screen. The setup program guides you through the individual installation steps.

Re 2: Check the CodeMeter Firmware

For this, please click on the CodeMeter symbol in the system bar. The CodeMeter control centre will open.

The EPCwin version 5.x requires firmware version 1.14 and higher. You will find your current version of firmware in the centre of the dialogue (arrow 1). If the shown version is less than 1.14, you have to carry out an update of the firmware.

For this purpose, your PC must be connected to the Internet. The update is started by clicking on the bottom symbol on the right side (arrow 2).
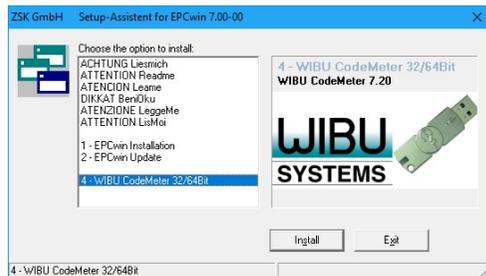
Please follow the instructions of the assistant.

> **Attention!**
> **Please do not switch off your PC during the update process, and do not put off the CodeMeter from the USB connection.**
> **The CodeMeter shines red in this phase. After successful completion of the update, a message appears accordingly.**

Re 3: Installation of WIBU-SYSTEMS CodeMeter software

> It is essential that you install the new version of the WIBU-SYSTEM security software to support the CodeMeter.

Select item *4 WIBU CodeMeter 32Bit* and initiate the installation by pressing *Install*. Follow the instructions on the screen. The setup program guides you through the individual installation steps.

Concluding installation routine

During the update operation, updated TT monogram font files were installed in the directory *../EPCwin/GiSFonts_700_00*.

If you wish to use these updated fonts in EPCwin, copy all or individual TT monogram font files to your data directory. Note that any fonts stored under the same name, including ones that you have edited, will be overwritten.

The copy path is usually as follows: *C:\EPC\EPCwin\GiSFonts70* to *C:\EPC\EPCwinData\GiSFonts*.

When you start the program for the first time, you have to check and, if necessary, set the path for the TT monograms, e.g. to *../EPCwinData/GiSFonts* under *Utilities => Default setting => Data directories*.

EPCwin is then ready to run.

Connecting the WIBU-Systems CodeMeter

The EPCwin program cannot run unless the WIBU-SYSTEMS CodeMeter is connected. The supplied dongle has to be connected to the appropriate computer interface USB.

Removing the WIBU-Key Dongles for EPCwin Version 1.0 .. 3.50-08

Remove the WIBU-Key Dongle from your USB-Port and uninstall the driver software from your computer.

Protection against irreparable damage and theft (USB CodeMeter)

We recommend protecting a USB CodeMeter against irreparable damage by connecting it to the computer by way of a USB extension lead. This enables you to attach the end of the cable carrying the dongle to the computer in such a way that the CodeMeter cannot break off if somebody collides with it. It also offers better protection against theft because you can lock the dongle in a desk drawer, for example, or keep it safe elsewhere.

Configuring the 3-button mouse

You are recommended to assign the ESC function to the center mouse button. This operation is performed in Windows under Control Panel / Mouse. We also suggest that you reduce the mouse motion speed. This will enable you to work with greater precision and reduce your exposure to fatigue.

Uninstalling

EPCwin program components can be removed using the standard Windows function: My Computer/Control Panel/Software. This routine removes both the EPCwin program software and the WIBU security software. An EPCwin data structure must be removed (deleted) manually, e.g. in the Windows Explorer, because these data are user-specific.

Selecting language and activate the CodeMeter
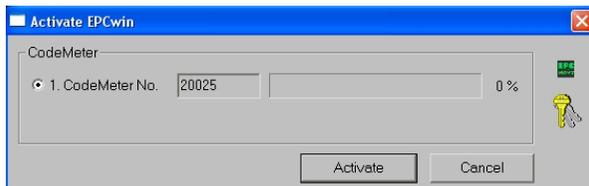
Start the EPCwin program.

Close the start dialog.

The dialog for selecting the language appears on the screen:

Select the desired language and confirm with *Accept* and *OK*.

Please select the CodeMeter No. and confirm with *Activate.*

- Entering temporary (DEMO) passwords → Seite 9
- Entering permanent passwords   → Seite 11

Entering temporary (DEMO) passwords

Before activating temporary options, please consult ZSK Support. This is necessary because the period of release (number of days) has to be determined in advance.
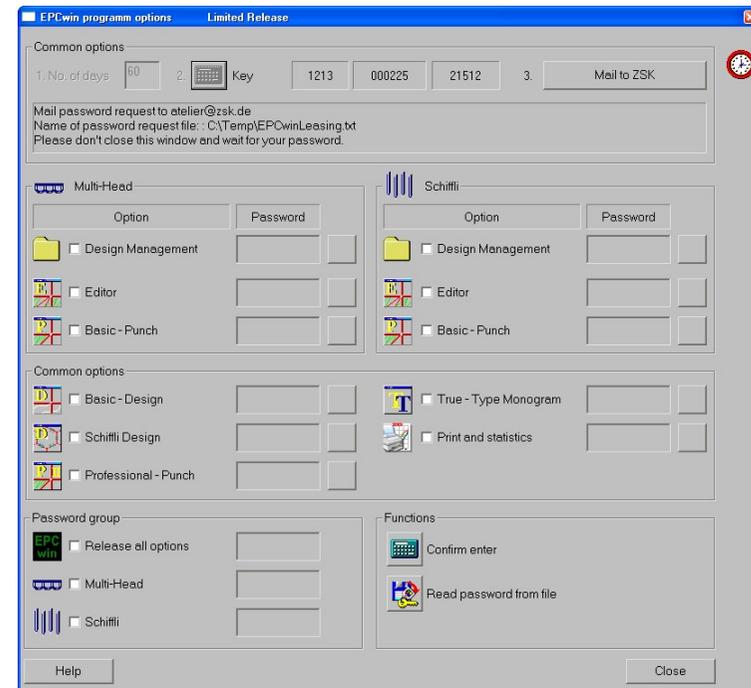
In the main menu select *Utilities*,

and in the Utilities menu, select *Passwords*

In the *EPCwin program options* dialog, select

 Time-limited passwords.

Preliminary steps

Enter the enabled period in the box alongside *No. of days*. Click on the calculator symbol to the right of the box. A 15-digit number code appears in the three boxes alongside. Notify ZSK Support of this number code, the enabled period (No. of days) and the software version. The simplest way is to report by phone or send an e-mail. Your personal passwords will then be issued.

> **Do not close this dialog until you have received and entered the passwords. Do not have a new number code calculated by entering another number of days because this would invalidate the passwords calculated for the first number code.**

We prefer to send the passwords by e-mail.

Reading in passwords from a file:

The quickest way of entering the passwords required by your EPCwin system is to read them in from a file. ZSK Support sends the file as an attachment to the e-mail. Save the file to your hard disk. Click on *Read in passwords from file*. Select the saved password file: *EPCwinPSW*. The activated options are marked by a clock symbol.

Entering individual options manually:

Once you have received the passwords, select an option, e.g. *Multi-Head Design Management*, and enter the relevant password in the box alongside. Activate the option by [Enter] or clicking on the calculator symbol alongside *Confirm input*. Follow the same sequence for all the other options. A clock symbol appears alongside each activated option.

Entering group of password manually:

Once you have received the password for a group (All options, MultiHead or Shuttle), tick the corresponding box. Enter the password in the box alongside and activate the option with [Enter] or by clicking on the calculator symbol next to *Confirm input*.

Concluding steps

Once you have activated the desired options, exit the dialog with *Close*.

> **The temporary passwords expire:**
> **- if you change the PC's time or date;**
> **- if you connect the WIBU dongle to a different PC.**
>
> **Each working day is assumed to consist of about 8 hours. If you work for more than 8 hours a day with the EPCwin system, the enabled period is reduced accordingly.**

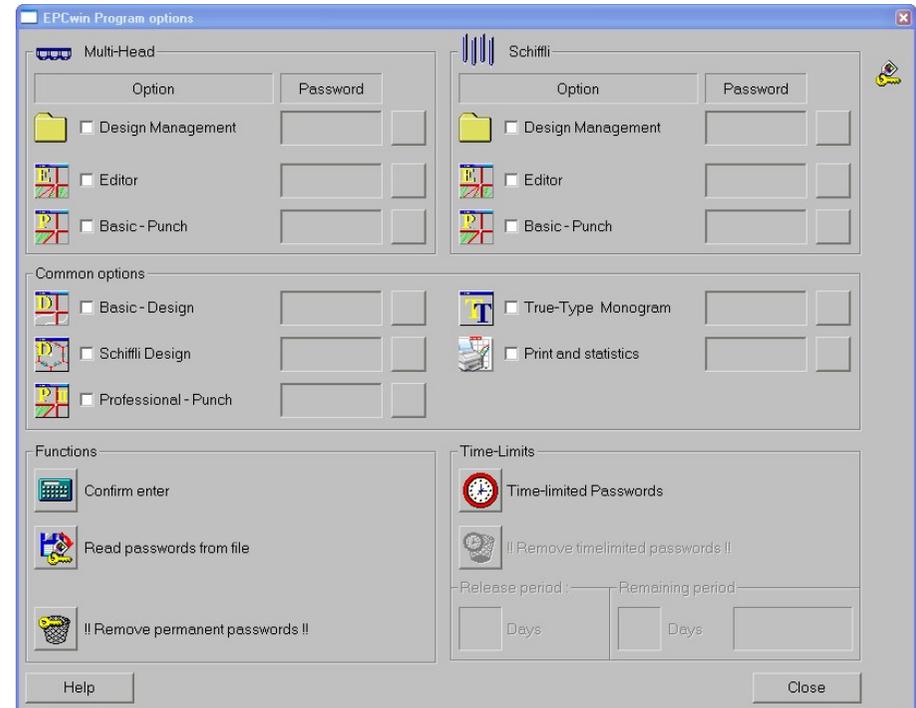Close the dialog that appears on the screen: *EPCwin program options*.

You can now use the EPCwin program with the released options.

Entering permanent passwords

In the main menu select   *Utilities*,

and in the Utilities menu, select   *Passwords*.

The following dialog appears on the screen:

We prefer to send the passwords by e-mail.

Reading in passwords from a file:

The quickest way of entering the passwords required by your EPCwin system is to read them in from a file. ZSK Support sends the file as an attachment to the e-mail. Save the file your hard disk. Click on *Read in passwords from file*. Select the saved password file: *EPCwinPSW*. The activated options are marked by a key symbol.

Entering individual options manually:

Once you have received the passwords, select an option, e.g. *Multi-Head Design Management*, and enter the relevant password in the box alongside. Activate the option with [Enter] or by clicking on the calculator symbol alongside *Confirm input*. Follow the same sequence for all the other options. A key symbol appears alongside each activated option.

If you enter a password incorrectly several times, the waiting time between entries increases.

Concluding steps

Once you have activated the desired options, exit the dialog with *Close*.

You can now use the EPCwin program with the released options.

Terms and background information

Conventions used in the online help and assistant:

- Text enclosed by square brackets:
  Key on the keyboard, e.g. [F1] indicates the F1 key.
- Text enclosed by angle brackets:
  The mouse button, e.g. <Left> indicates the left mouse button and <Left><Left> indicates a double-click with the left mouse button.

If the control or shift key on the keyboard has to be pressed together with <Left>, the notation is [Ctrl] + <Left> ([Strg] + <Left> on the German keyboard) or [Shift] + <Left>. You can press either the left or the right [Ctrl]/[Shift] key, but it is essential that you hold down the relevant key on the keyboard before pressing the left mouse button.

Instead of the function keys [F1] - [F9], you can also use the number keys on the number keypad. In this case, the number lock must be engaged first (the Num LED must be lit).

You can enter decimal points (e.g. 3.4) with the decimal point key on an English number keypad (decimal comma with the comma key on the German number keypad).

Some dialogs allow actions to be triggered directly by shortcut keys; entering a number executes the function without requiring an on-screen button to be pressed with the input device. The relevant number is indicated before the symbol or button on the screen. The input box for the shortcut is active as soon as the dialog is called. Clicking a different function (symbol, on-screen button etc.) deactivates the shortcut. It is reactivated by clicking the shortcut input box.

Shortcut keys for EPCwin

> **The keys marked * are on the number keypad of the keyboard. Make sure that `NumLock` is switched on.**

The following keys are available at all levels:

[F1]	Context-specific help
[F2]	View
[-]*	Start zoom function
[Bild ↑]	**Enlarge zoom by fixed increment**
[Bild ↓]	**Reduce zoom by fixed increment**
	(set the value under Default Settings)
[Space bar]	Move window
[C]	Zoom design to screen size
[M]	Measuring
[H]	Help tools
[Q]	Abort drawing operation
[Ctrl] + **[S]**	**Undo**
[Ctrl] + **[V]**	**Redo**

Main menu

Key assignments when a design is open:

[F3]	Start Editor with block function
[F5]	Redraw
[F6]	Editor
[Cursor keys]	Manual scrolling
[I]	Edit design head

Contour definition

<Left>	Enter reference point
[Ctrl] + **<Left>** **[Ctrl]** + **[K]**	**Integrate existing contour** "
[Shift] + **<Left>** **[Ctrl]** + **[J]**	**Approach existing contour or grid** "
[Z] [T] [U]	Automatically create reference points by tracing
[F4]	Change input mode: Point/Corner/Straight Line/Arc
[F9]	Select/deselect Parallel mode

Design

[F3]	Start Editor with block function
[F6]	Call Editor
[F8]	Call punch function
[F11] [+]*	**Select program type**
[F12] [,]*	**Select line color**
[Backspace] [Delete]	Delete previous reference point (operates only if the line has not been concluded with [Return])
[Insert]	Reinsert most recently deleted reference point
[L]	Load block from Block Manager
[R]	Call repeat rule
[Ctrl] + [S]	Save design
[Ctrl] + [V]	Load block from clipboard
[I]	Edit design head

Punching

`<Left>`	Insert stitches
[Ctrl] + `<Left>`	**Insert jump stitches**
`[F3]`	Start Editor with block function
`[F6]`	Call Editor
`[F7]`	Set zero stitches (schiffli)
`[F8]`	Call drawing function
`[F10]`	Start an object with the current program type
`[0]*`	"
`[Enter]`	"
[F11]	**Select program type**
[+]*	"
[F12]	**Insert special function**
[,]*	"
[Div]*	**Insert block marker**
[*]*	**Maximum stitch length**
[Backspace]	**Delete previous stitch**
[Delete]	"
[L]	**Load block from Block Manager**
`[Ctrl] + [S]`	Save design
`[Ctrl] + [V]`	Load block from clipboard
`[I]`	Edit design head

Editor

`<Left>`	Select
[Ctrl] + `<Left>`	**Multiple selection**
[Ctrl] + `<Left>`	**Determine stitch section**
[Home]	**Jump to start of design**
[End]	**Jump to end of design**
[ALT]	**Toggle to and from block list (Film)**
[F]	**"**
`[Cursor keys]`	Run through design stitch by stitch
	(see also Default Settings)
[Shift] +	
[Cursor keys]	**Stitch section for block formation**
`[F3]`	Determine type of selection
`[F4]`	Gray/color toggle
`[F5]`	Redraw
`[F6]`	Select/deselect filter
`[F7]`	Edit filter setting
`[F8]`	Large/small stitch list
`[F9]`	Stitch section: run front/back

If a stitch is preselected:

[0]*	**Go to object editor with preselected object stitch**
[F12] [,]*	**Edit special function**
[Div]*	**Edit block marker**
[*]*	**Edit maximum stitch length**
[Insert]	**Select punch insert mode**
[Delete]	**Delete stitch**
[Backspace]	**"**

Object Editor

[F3]	Convert object, e.g. to manual stitches
[F5]	Redraw
[F6]	[Insert]
[Insert]	"
[Delete]	Delete object
[F7]	Enter stitch distance
[F8]	Edit parameter set
[E]	Edit endpoint

Edit-Box

<Left>	With mouse button pressed: move inside box
<Left>	Click in box: switch box markers
<Left>	Click on box markers => change size / rotate / distort
[F2]	Copy block
[F3]	Save block
[F4]	Call ToolBox
[F5]	Block mode: move ↔ rotate
[F10]	Change selection
[F11]	Numerical input
[F12]	Edit line colors
[Ctrl] + [C]	Copy block to clipboard
[V]	View with Move block

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