

Update software image of C6 WEC7 based devices FAQ No.0006

Part	Version	Revision	Date	Status
en	3.5.9.70	005	2020-09-16	Released

Content

Update software image of C6 WEC7 based devices	1
Introduction	2
Save COMBIVIS connect files	2
Older image version (< 7.0)	2
Newer image version (>= 7.0)	3
Updating the System-Manager	4
Updating the Image	5
Disclaimer	

District Court Lemgo HRA 5649 DUNS-No. 314108728 VAT-No. DE309087075 Bank Details: Sparkasse Paderborn-Detmold IBAN DE 19 4765 0130 0000 0060 07 BIC WELADE3L General Partner: Vittorio Tavella KEB Verwaltungs-GmbH, Barntrup District Court: Lemgo HRB 8965 Directors: Curt Bauer CMO, Ralf Lutter COO, Vittorio Tavella CFO, Wolfgang Wiele CTO



Introduction

This document describes how to update the software image of a C6 HMI / HMI LC/ SMART / S14 device or another compatible Windows Embedded Compact 7 device family. Follow these instruction chapter by chapter.

Note: It's important that the power supply and the connection to the USB of the device are guaranteed during the whole update process! Disconnection of the USB-stick or interruption of the power while updating can causes damages on the devices!

Save COMBIVIS connect files

If the device is already located in a COMBIVIS connect domain, it's possible to safe the settings- and authentication files before you execute the restore process. Copy the files "**auth**.bin" and "**config**.xml" to an USB-stick.

The file **auth.bin** is only available if the COMBIVIS connect runtime has connected with the COMBIVIS connect server (server infrastructure) at least once.

Older image version (< 7.0)

These files are located on:

"\MMCMemory\COMBIVIS connect Runtime"



After updating to the new image, you can copy the files back to the folder and the device will connect automatically to the domain with the old settings.

Hint:

It's necessary to implement the connect files like the next chapter <u>Newer image version (>= 7.0)</u>, if you install an image version bigger / equals 7.0.



Newer image version (>= 7.0)

These files are located on:

"\MMCMemory\COMBIVIS connect Runtime" and "\MMCMemory\KEB\COMBIVIS\Identity"

<u>File</u>	Edit	<u>V</u> iew	Go	F <u>avorite</u>	es 🕴 💠	💌 🤌 と	< 🖸 🚍 🗸
Addre	ess \M	MCMem	ory\KE	B\COMBIV	/IS\Identity	(
autł							
<u>File</u>					20 4 1		
<u> </u>	dit	<u>v</u> iew i	GOF	avorites) 🔊 🗙 🗹	
					ect Runtime		
Addre:	ss \mm	ACMemor	y\COM	BIVIS conn			
Addre:	ss \mm	ACMemor	y\COM	BIVIS conn	ect Runtime	•	

After updating to the new image, you can copy the files back to the folder and the device will connect automatically to the domain with the old settings.



Updating the System-Manager

It is essential to update the System Manager before installing the NEW Image version on the System. Which version of the system manager (contains the Backup / Restore Tool) is needed, depends on the NEW Image version for the device.

- 1. Copy the installation file ("SystemManagerSetup.CEARM.X.X.XXX.exe") of the System-Manager to an USB-Stick
- 2. Plug the USB-Stick to the device, which shall be updated
 - a. If a PLC runtime (e.g. C6 HMI LC) is running, you have to close it before the installation starts.



3. Execute the SystemManagerSetup.CEARM.X.X.XX.exe

System Manager Setup
This setup will install: System Manager Version 2.0.25 (WinCE-ARM)
The setup will automatically shutdown a previous installation if present, and will reopen the new version. Also, if needed, the device will be automatically rebooted. Press Yes to proceed with the installation, or No to abort.
This dialog will close in 12 seconds
Yes No

⇒ The System-Manager will be installed automatically. Afterwards the device will be rebooted.



Updating the Image

- 1. Choose the needed installation file and copy it to the USB-stick:
 - a. C6 HMI display size 4.3 inch : "C6_HMI_4.3inch_X.X"
 - b. C6 HMI display-sizes 5 to 15.6 inch : "C6_HMI_X.X"
 - c. C6 HMI LC display-sizes 5 to 15.6 inch: "C6_HMI_LC_X.X"
 - d. *.asr file of another compatible Windows Embedded Compact 7 device family
- 2. Plug the USB-Stick to the device, which shall be updated
 - a. If a PLC-runtime (only on HMI LC) is running, you have to close it before the installation starts.



3. Open the "Control Panel" and execute the "Backup Restore" tool.





4. Execute "Restore a saved system clone snapshot" of the "Backup Restore" tool and choose the image file (*.asr).

Image: Second system Image: Second system <th< th=""><th>/№ ×</th></th<>	/ № ×
Kosk Mode Language Settings Screen Scrollbar Screen Scrollbar Serial Port Saver Create a new system clone snapshot Restore a saved system clone snapshot Atternatively, you can backup and restore only certain	Certificates Date/Time Dialing Display EMMC Usage Font Freescale Input Panel Internet
Backup features into a .ASR repository Restore features from a saved .ASR repository v. 2.0.025	Antialiasing display driver Options Kiosk Mode Language Settings Setial Port Create a new system done snapshot of the operating system, installed applications and settings. Create a new system done snapshot Restore a saved system done snapshot Restore a saved system done snapshot Restore a saved system done snapshot Netratively, you can backup and restore only certain features. Backup features into a .ASR repository v. 2.0.025
🀉 Start 🔀 Control Panel 🛛 🔂 Backup Restore 🛛 🕅 🖓 🖉 🖉	

a. Confirm the restore of the image

Restor	e X
٩	The selected ASR is a clone repository. Do you want to restore the system using the selected configuration?

⇒ The new image will be installed and a reboot of the device will be started automatically. This can take up to 15 minutes!

Note: After the updating of the image, the configuration of the touch display is mandatory. You can find the calibration-tool on "**Start > Settings > Control Panel > Stylus**".

After calibrating the touch panel, it's mandatory to trigger the "**Registry Saver**" (**Start > Settings > Control Panel > Registry Saver**).



Disclaimer

KEB Automation KG reserves the right to change/adapt specifications and technical data without prior notification. The safety and warning reference specified in this manual is not exhaustive. Although the manual and the information contained in it is made with care, KEB does not accept responsibility for misprint or other errors or resulting damages. The marks and product names are trademarks or registered trademarks of the respective title owners.

The information contained in the technical documentation, as well as any user-specific advice in verbal or in written form are made to the 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.

Inspection of our units in view of their suitability for the intended use must be done generally by the user. Inspections are particular necessary, if changes are executed, which serve for the further development or adaption of our products to the applications (hardware, software or download lists). Inspections must be repeated completely, even if only parts of hardware, software or download lists are modified.

Application and use of our units in the target products is outside of our control and therefore lies exclusively in the area of responsibility of the user.

> KEB Automation KG Südstraße 38 • D-32683 Barntrup fon: +49 5263 401-0 • fax: +49 5263 401-116 net: www.keb.de • mail: info@keb.de