

SIMOCRANE CMS V4.1 Hotfix 2

SIMOCRANE CMS

FAQ • July 2011

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Question

How to update CMS V4.1 or CMS V4.1 HF1 to CMS V4.1 HF2?

Answer

The instructions and notes listed in this document provide a detailed answer to this question.

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1 Fixed issues

Sporadic stop of data transfer from CMS to RCMS Server

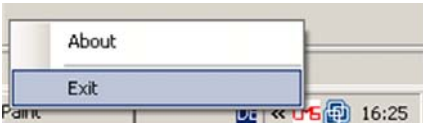
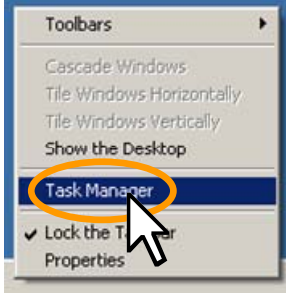
In special conditions it happened that the data transfer from a CMS station to RCMS Server was partly stopped.

Buffering of actual values when RCMS Server communication is down

With CMS V4.1 HF1 all transfer data to RCMS Server were buffered and transferred upon return of RCMS Server communication. This also included actual values what could cause a high number of buffered files on the CMS station. With the new version actual values will not be buffered upon communication downtime to RCMS Server.


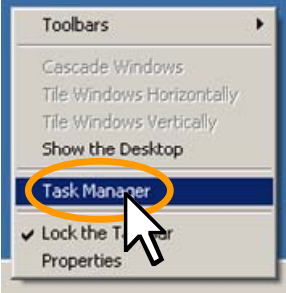
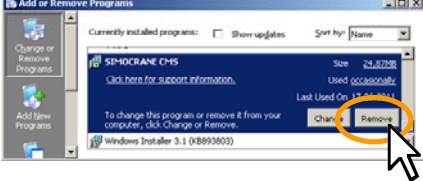
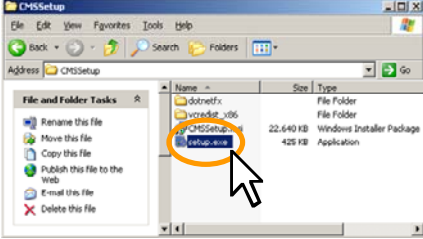
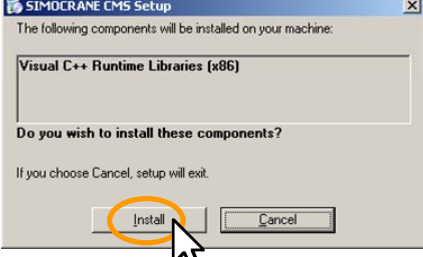
2 Preparations

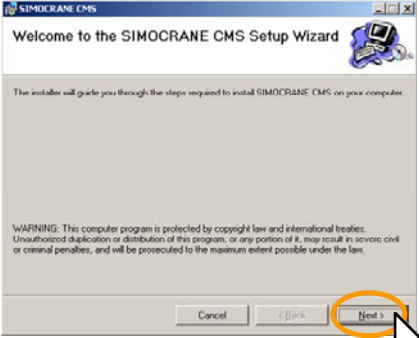
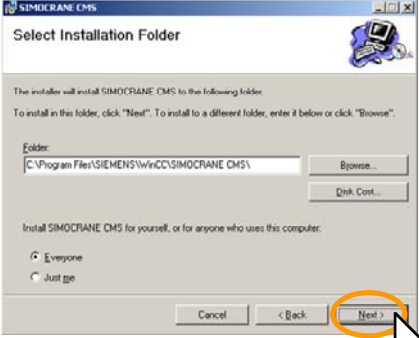
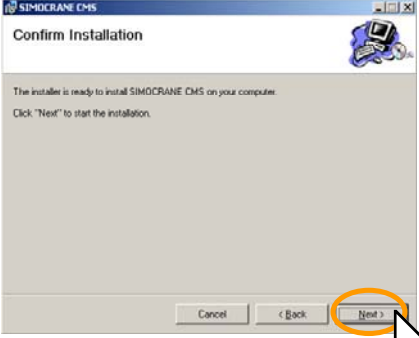

Table 2-1: Preparations

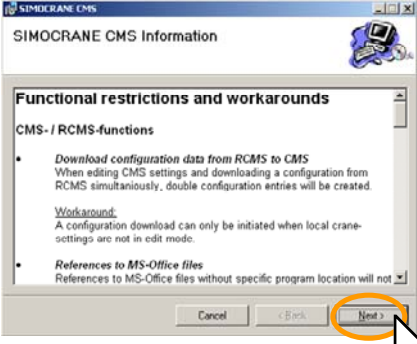
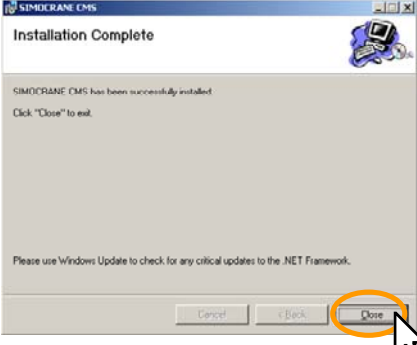



No.	Action	Remark
1.	<p>Exit "CMSRuntime" on the RCMS server in order to interrupt the connection to the CMS PCs on the cranes.</p> <p>→ Do not restart "CMSRuntime" on the RCMS server before having updated the software on all CMS PCs on the cranes and on the RCMS server (see the following chapters).</p>	<p>Exit "CMSRuntime" by right clicking the icon in the Windows Taskbar → Exit</p> 
2.	<p>Please check with Windows Task Manager → processes that "CMSRuntime.exe" has been stopped on the RCMS server.</p>	<p>Right click on the Taskbar → Task Manager → Tab "Processes"</p> 
3.	<p>Make sure that a WinCC project backup is available for the CMS projects on the cranes and for the RCMS server project.</p>	

3 CMS PC on the crane

Table 3-1: Actions CMS PC on the crane

No.	Action	Remark
1.	Exit "CMSRuntime" and "CMSRCMSSynchron" by right clicking both icons in the Windows Taskbar → Exit.	
2.	Exit WinCC Runtime and close the WinCC Explorer.	
3.	Close all other applications on your PC.	
4.	Please check with Windows Task Manager → processes that "CMSRuntime.exe" and "CMSRCMSSynchron.exe" have been stopped on the CMS.	Right click on the Taskbar → Task Manager → Tab "Processes" 
5.	Uninstall SIMOCRANE CMS from the PC.	Control Panel → Add / Remove programs → Remove 
6.	Start "setup.exe" from the installation folder "CMSSetup" on the CMS PC. → The Installation of SIMOCRANE CMS starts.	→ CD drive:\CMSSetup\setup.exe 
7.	Press "Install".	

No.	Action	Remark
8.	Press "Next >".	
9.	Press "Next >".	
10.	Press "Next >".	
11.	Please take a moment to read the license agreement now. If you accept the terms below, click "I Agree", then "Next >". Otherwise click "Cancel".	

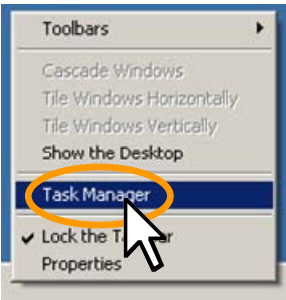
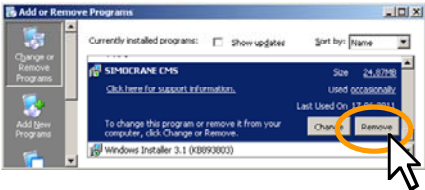
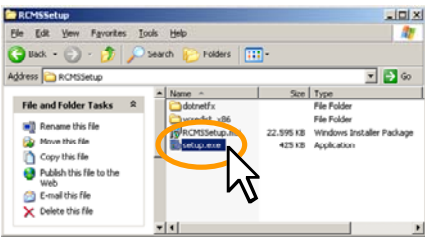


No.	Action	Remark
12.	Click "Next >".	
13.	Click "Close" to finish the installation.	
14.	Restart the CMS PC on the crane. If WinCC Runtime, "CMSRuntime" and "CMSRCMSSynchron" do not start automatically then please start the three programs manually.	<p>In the Windows taskbar you can check whether "CMSRuntime" and "CMSRCMSSynchron" are running:</p>  <p> "CMSRuntime" has to be "green". Then the function of the program is correct.</p> <p> "CMSRCMSSynchron" has to be "red" because at this moment the communication to the RCMS server is still down.</p>
15.	With a right click on one of the two symbols in the windows taskbar you can check the version of the CMS ("About").	

NOTE Repeat the installation on all CMS PCs.

NOTE Do **not** start up "CMSRuntime" on the RCMS server before also having updated the software on the server (see chapter 4 - RCMS server).

4 RCMS server

Table 4-1: Actions RCMS server

No.	Action	Remark
1.	Please check with Windows Task Manager → processes that “CMSRuntime.exe” has been stopped on the RCMS server.	Right click on the Taskbar → Task Manager → Tab “Processes” 
2.	Exit WinCC Runtime and close the WinCC Explorer.	
3.	Close all other applications on your PC.	
4.	Uninstall SIMOCRANE CMS from the PC.	Control Panel → Add / Remove programs → Remove 
5.	Start "setup.exe" from the installation folder “RCMSSetup” on the RCMS server. → The Installation of SIMOCRANE CMS starts.	→ CD drive:\RCMSSetup\setup.exe 
6.	Follow the instructions of the setup as described in chapter 3 - CMS PC on the crane.	
7.	Restart the RCMS server after the installation has been finished. If WinCC Runtime and “CMSRuntime” do not start automatically then please start the two programs manually.	In the Windows taskbar you can check whether “CMSRuntime” is running.   “CMSRuntime” has to be “green”. Then the function of the program is correct.

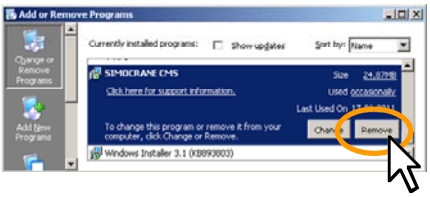
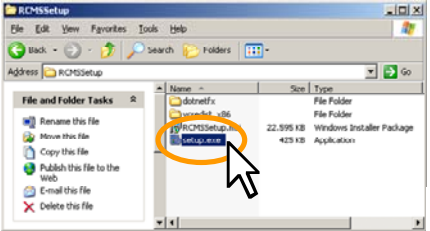
No.	Action	Remark
8.	With a right click on the symbol in the windows taskbar you can check the version of the CMS ("About").	

5 CMS / RCMS Client PCs

NOTE

If the CMS Client PCs (e.g. in the cabin) are Thinclients, then no additional Client installation is required on these Thinclients.








Table 5-1: Actions CMS / RCMS Client PCs

No.	Action	Remark
1.	Close all applications on your PC.	
2.	Uninstall SIMOCRANE CMS from the PC.	Control Panel → Add / Remove programs → Remove 
3.	Start "setup.exe" from the installation folder "CMSClientSetup" on the Client PC. → The Installation of SIMOCRANE CMS starts.	→ CD drive:\CMSClientSetup\setup.exe 
4.	Follow the instructions of the setup as described in chapter 3 - CMS PC on the crane.	
5.	Restart the Client PC after the installation has been finished.	

6 Check communication

After updating the PCs in the network the connection between the CMS PCs on the cranes and the RCMS server has to be checked.

Table 6-1: Communication

No.	Action	Remark
1.	Check the connection to the RCMS server on the CMS PC by the "CMSRCMSSynchron" icon in the Windows taskbar.	<p>The icon has to be blue / blinking green. Then the connection is established.</p>  The connection to the RCMS server is active.  Data is being transferred to the RCMS server.
2.	Check the connection on the RCMS server by the crane icons in the Tree View in the RCMS user interface.	<p>The icon of the crane must not be "Offline":</p>  OK  Idle  Warning  Fault  Offline
3.	Check the transfer of messages, operational data (Move data, MMBF data, Counter) and Tag values from the CMS PCs to the RCMS server.	