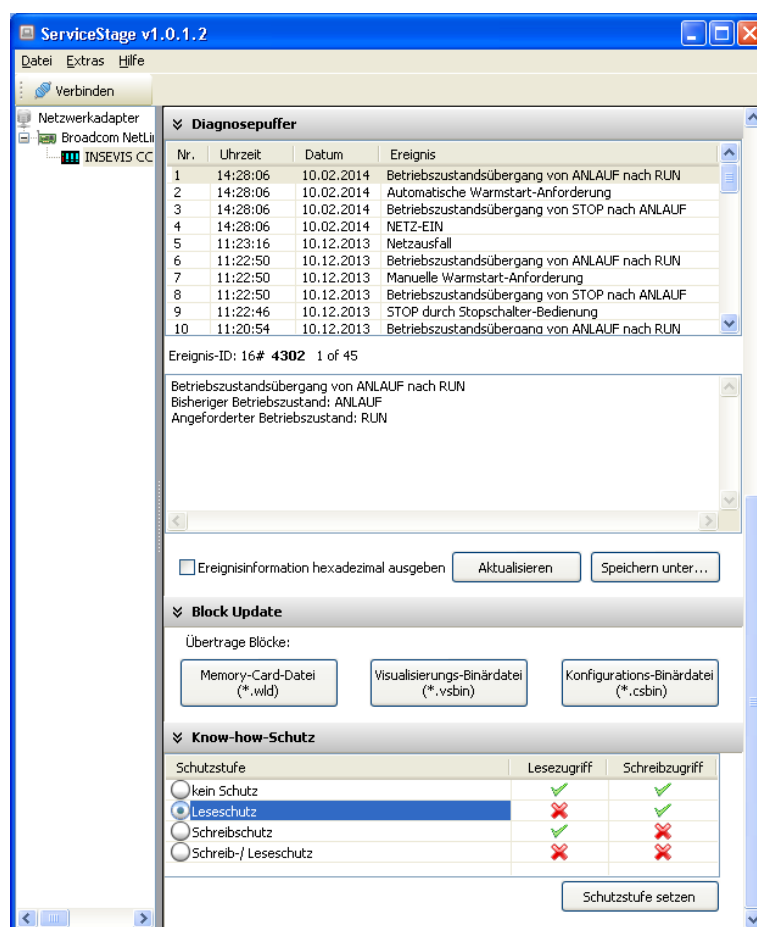


Product information

Maintenance software

ServiceStage



(valid from 02/2014)

Changes to older versions of this document

Changed in Rev. 1: complete new document from ServiceStage 1.0.1.2



The „ServiceStage“ is made to have easy service access to the PLCs. It allows to identify a S7-CPU by its IP-address and to analyze it by diagnostic buffer, to update the user-programs and to set the protection levels. This software is free of licences, offers lots of service functions easily to be found even if you are not working every day with this software tool. Installed in a minute, useful service functions, absolutely easy to understand.

These functions can be solved with the **freeware** „ServiceStage“

- Device specific data like (ser-no., firmware version, IP-address, MAC-address, etc.),
- Change IP-address directly,
- Changing of the operation mode RUN ↔ STOP,
- Set and synchronize date and time,
- Memory diagnostic and comprimation,
- Read out, show and store CPU-diagnostic buffer,
- Download of S7-program (as wld-file)
- Download visualisation- and configurations binary,
- Assign the know-how-protection levels (Read and/or Write protection)

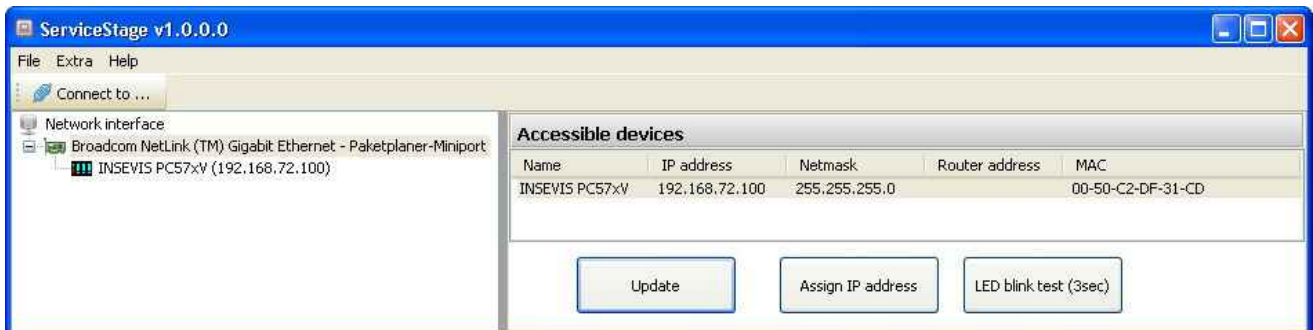
The protection levels of the „ServiceStage“ are secure, because they do not base on a pass word, what can be „hacked“.

Only a hardware reset can delete this protection. Than only the owner of the source code can download the original S7-program again.

KNOW-HOW Protection			
Protection level	Read access	Write access	
<input type="radio"/> No protection	✓	✓	
<input checked="" type="radio"/> Read protection	✗	✓	
<input type="radio"/> Write protection	✓	✗	
<input type="radio"/> Read write protection	✗	✗	

A missuse is prevented by using the authentication with the pass word from Simatic®-Manager or TIA-Portal® when the protection level is assigned.

To get an access to the device choose the network adapter of your PC (This one, what makes the network access to the CPUs). Select one of the CPUs displayed in the left window and press „**Update**“.



The „**LCD-blink test**“ helps to identify the selected CPU. (yellow battery-LED blinks for 3 seconds). The use of this program is absolutely self explainable.

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