

STARTER and SINAMICS

Introduction



How to manage stored drive objects at STARTER a project

Stored drive objects at a STARTER project (also called instance) have the FW-Version as a main attribute.

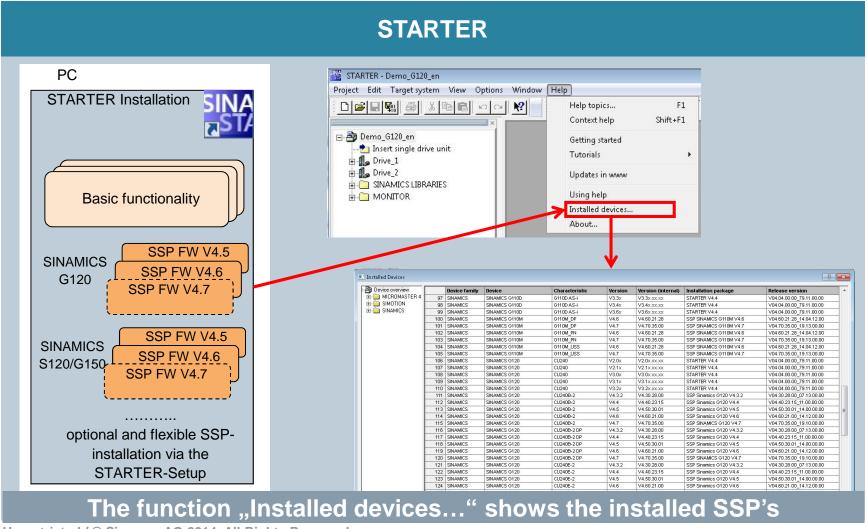
Over the product live cycle of the SINAMICS devices the FW-Version is changing.

The next pages shows the possibilities how to handle this theme at practical work.

- General points about the installation of STARTER and the so called <u>SINAMICS Support Packages (SSP)</u>
- FW-Version of the project instance and the device
- Large-scale model for all SINAMICS drives, if the respectively SSP is installed
- Alternative handling model together with SINAMICS G120, if the respectively
 SSP is not installed.
 - Known constraints at this alternative model.



General points about the installation of STARTER and the so called <u>SINAMICS Support Packages</u> (SSP)

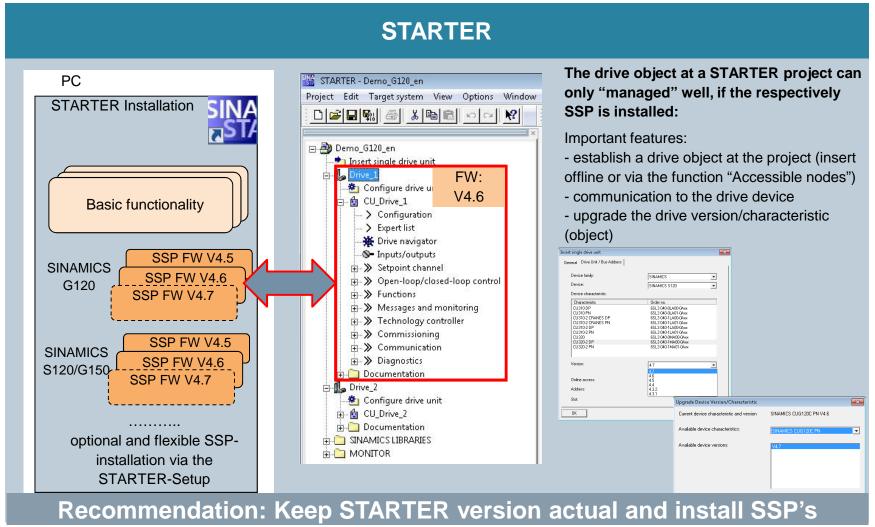


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General points about the installation of STARTER and the so called SINAMICS Support Packages (SSP)

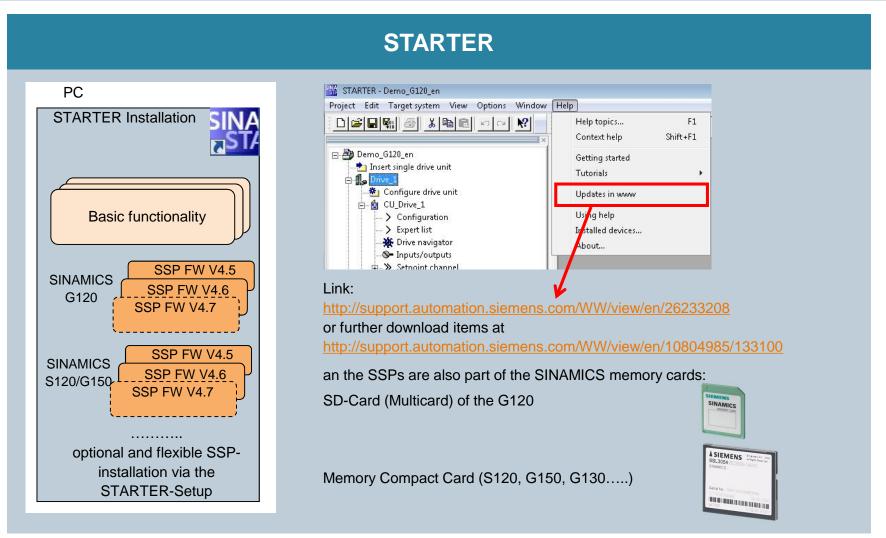


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How to get the SSPs?

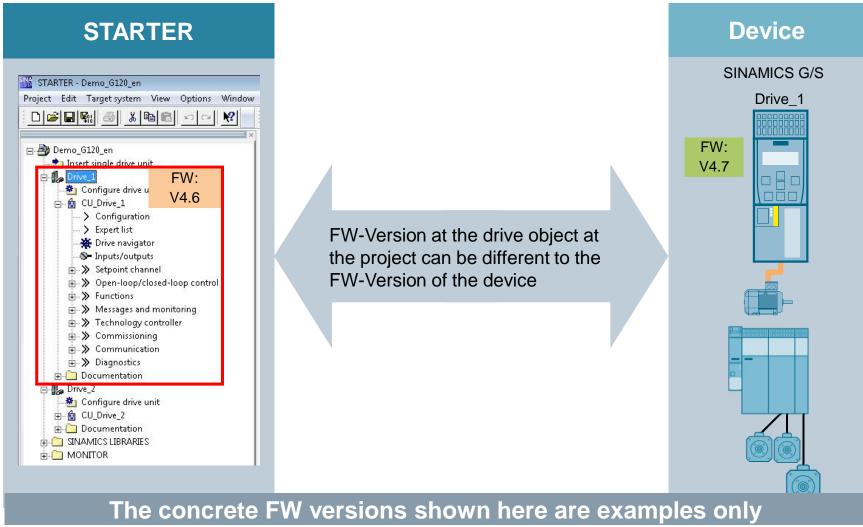


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Handling of drive objects stored at the STARTER project

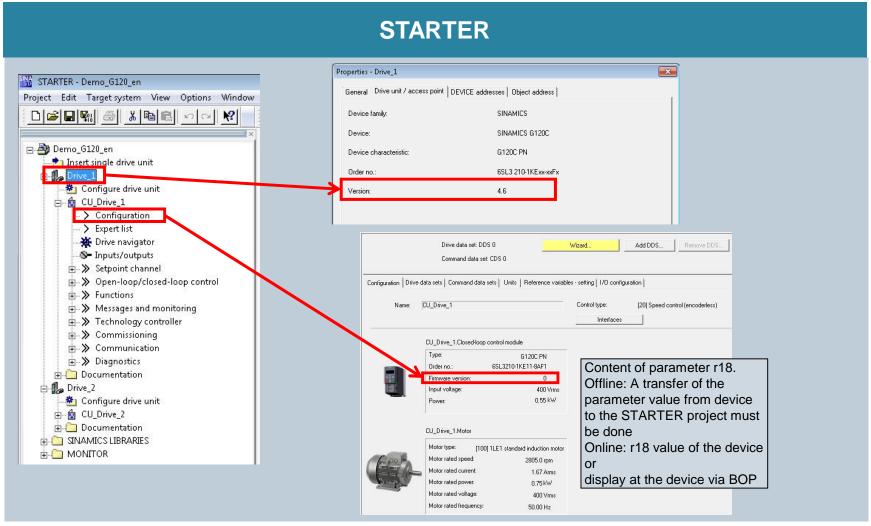


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Find the attribute FW-Version of a stored drive object



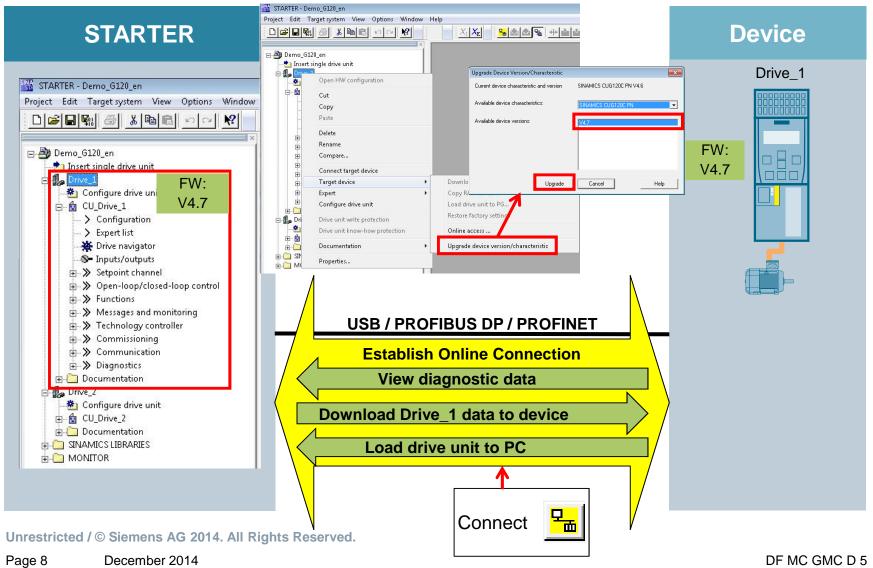
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Use case: Drive object at the project and the device itself has different FW-versions;

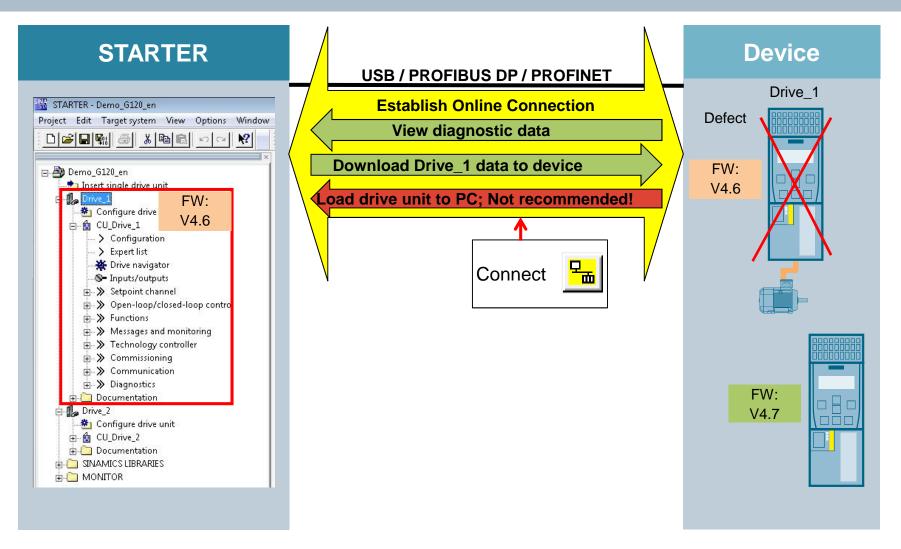
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General handling, if the respectively SSP is installed.



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Use case: Defect need a change of the drive device

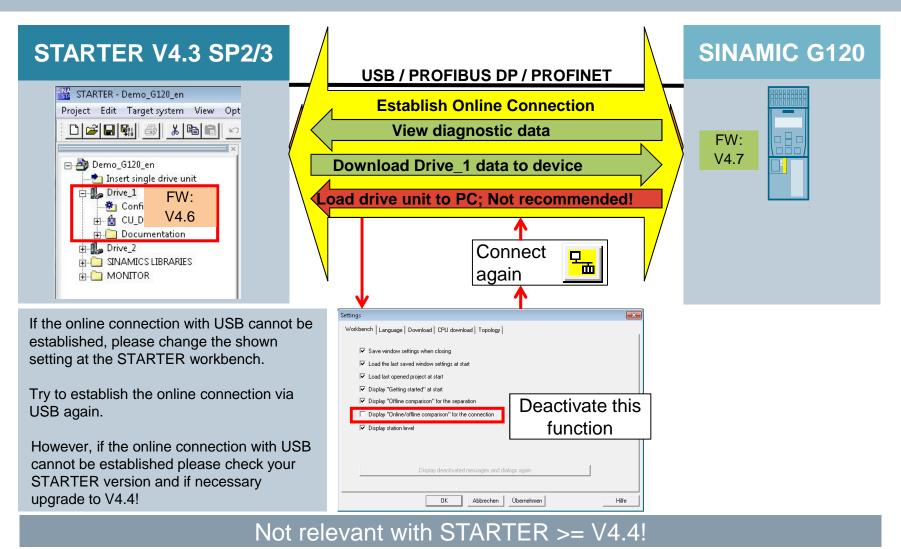


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Known restrictions at STARTER < V4.4

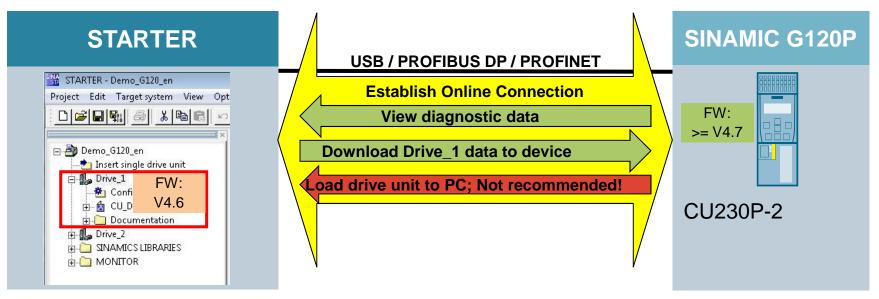


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Known restrictions at the download to CU230P-2



Device with FW-Version >= V4.7:

The parameter P13 and P16 could not be downloaded to FW-Version >= V4.7;

These two parameters were established at FW-Versions < V4.7 and had the BOP parameter view feature.

This feature is not relevant for the BOP-2; so this parameters are eliminated with FW-Version >= V4.7.

So this transfer notice of STARTER can be ignored.

(At system test report this case is named with "F1")

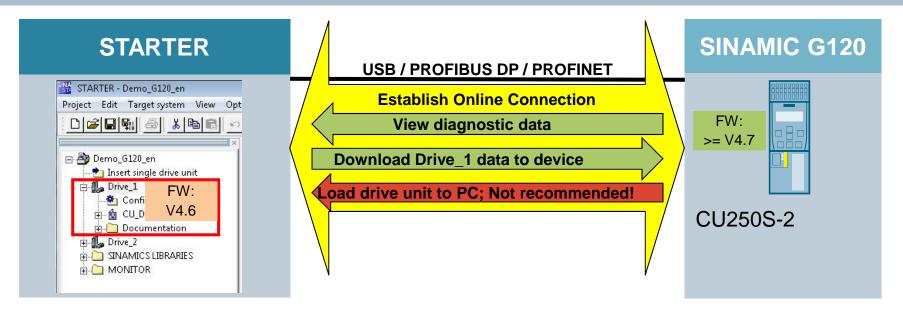
Please verify the STARTER notices after the download to device

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Known restrictions at the download to CU250S-2



Hint according the download of an concrete STARTER instance with V4.6 in a device with FW Version >= V4.7:

There is a STARTER notice according the parameter P421[0..n] "Absolute encoder rotary multiturn resolution": Parameter not accepted; Download finished with success.

Background for this notice: The data type for this parameter was changed from 16-Bit to 32-Bit at FW-Version >= V4.7. Please check the setting of this parameter P421 at the device by the online view of the expert list.

((At system test report this case is named with "F5")

Please verify the STARTER notices after the download to device

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