
Description: SICAM TOOLBOX II Version 6
Item number: S38-100
Revision: V06.01
Date of Release: 2017-01-17

V6.01 (english)

-- Installation --

New setup of SICAM TOOLBOX II:
Install Version V06.00 first, then update to V06.01.

This Version replaces all released hotfix installations of
SICAM TOOLBOX II Version V06.00.

Operating systems with enabled UAC (User Account Control)

This Version must be installed with administrator permissions
on the following operating systems:

- Microsoft Windows 7
- Microsoft Windows 8.1
- Microsoft Windows 10
- Microsoft Windows Server 2008 R2
- Microsoft Windows Server 2012 R2

Start setup with popup menu "Run as administrator" in
Windows explorer.

Client/Server mode

The Version must be installed on client and server.

Compatibility

Version SICAM TOOLBOX V06.01

The engineering and consequently the acquisition and modeling
of the plant data represents high value capital goods.

Existing engineering data of the SICAM TOOLBOX II versions 5.xx can
be imported into the new SICAM TOOLBOX II version 6.01 and thus
continue to be used.

Data created with SICAM TOOLBOX II Version 6.01 CANNOT be imported
into earlier versions (e.g.V 5.xx).

Important hint:

When upgrading to the SICAM TOOLBOX II version V06.01 or importing backups of earlier versions (V05.xx) existing function diagram data of CAEx plus is automatically converted to the new version of SICAM TOOLBOX II version V06.01. Depending on the scope of the engineering data, this procedure may take some time.

Please be aware to have enough free disk space for update procedure.

--- HINTS ---

Installation and system requirements
see Booklet item number D3E-021-1.00

Since that version the update file is just to download from internet:

www.siemens.com/sicam

Client/Server mode

When working with network database (peer server) it is necessary to install the same SICAM TOOLBOX II-Version on all clients and the server. (to prevent database revision problems!)

New Features

- Support of CP-80x related features:
 - CP-8050: Flash loader
 - CP-8050: Diagnosis
 - CP-8050: Firewall configuration
 - CP-8050: Network settings
 - CP-8050: One click to connect
- Support of SICAM A8000 related features/ Security:
 - SICAM A8000 RBAC (role based access control)

Improved Features

- ORACLE DB

- Update of the SICAM TOOLBOX II database ORACLE 12 c: Security Patches of July 2016
- Security enhancements:
 - CP-8050: encrypted Flash card generation
 - TLS 1.2: SICAM TOOLBOX II supports in remote operation TLS- encryption
 - Signed maintenance / hotfix installation
- Support of IEC 61850:
 - Redundancy, copying mirror parameters with consideration of IID-data
 - Additional logical nodes for hydroelectric power plants
- Revision of the Libraries

With the new version of the SICAM TOOLBOX II the libraries have been completely revised.

For detailed Information, please see the Releasenotes of the Libraries.

New Features for CAEx plus

- CAEx plus

The size of the generated IL has been increased to 4096 Byte

Solved Defects / Enhancement

- Integration of Library "SICAM Redundancy with applicative Voter" (CHDOC00119099)
- Remote operation: http(s) not recognized as valid port (CHDOC00117185)
- TBII exception, caused by category dependent parameters (CHDOC00104271)

The TBII crashes, if uncategorized images or defaults contain inconsistent parameter-values.

CAEx plus

- CAEx plus: Scrolling problems in online test on some Fujitsu notebooks (CHDOC00109771)
 Important Hint:
 The Laptop Fujitsu LIFEBOOK E754 can cause a problem with the internal touchpad during scrolling in CAExplus. This Problem can be solved by using the environment variable "LC_OLT_SCROLL_TIMEOUT=100". This itself can cause animated shown lines in the Onlinetest, to change back, the environment variable has to be deleted.

CAEx Safety

- Sizelimit for not retained markers was too low in CAEx plus codegenerator (CHDOC00116779)

Size-limit was increased from 2048 to 4096 bytes for EMIC, CMIC, AmisDc and A8000_MIC3

EM II

- ImportAll: Corrupted error message, when firmware file is missing (CHDOC00117791)

- Signature for setup.exe (CHDOC00115489)
- DDC: Startup of application takes a long time (CHDOC00113198, CHDOC00111435)
- DDC: 250 SCALA/SICAM 230 master data (CHDOC00047165)

When a range is being exported where no 250/230 data is defined the 250/230 master data will even be exported, when only a 250/230 revision for the plant is preset.

OPM II

- SCD Import Edition 2.0 sytemtechnical parameters (CHDOC00122260)
 sytemtechnical parameters, which are unmodified, are not updated during import.
- Warning for FW with ip-address on BSE during 61850 Server Updates (CHDOC00122012)
 coloured label in sytemtechnical change-report
 additional hint in status-window of update-process
- OPMII: Bugfix for eventlist and alarmlist configuration (CHDOC00120270)
- OPMII: Performance for generation to target system SICAM PAS CC enhanced (CHDOC00119996)
 When generation for target system SICAM PAS CC was started and check for duplicate addresses and variables was enabled, performance was poor. Now the performance is enhanced.
- An error in the report function (source data management) happens if a selected range contains images with long parameter names (CHDOC00118782)
- Update IEC 61850 Server fails, if SCD-File contains special data (CHDOC00117626)
 If the IID-/SCD-File contains a basic data attribute with name=Check and type=Check, this leads to an error during update of the data in OPMII.
- OPM Crash during TEAx import (CHDOC00116195)
 The OPM will not crash anymore if an image is deleted and a sub image is moved to another image during TEAx file import. Now all sub images will be deleted and an error message will be displayed.
- Repeated use of the same UUID in a TEAx file for different parts causes an exception during import (CHDOC00115941)
- ICD-file (Edition 1) contains no GOOSE-datasets, if engineered with GOOSE-wizard (CHDOC00115419)
- Copy mirror parameters of BSEs with IEC61850 Edition parameters (CHDOC00115155)
- Check for duplicate peripheral address considers empty and/or missing parameter DP_Bit (CHDOC00113013)
- Blanks were appended to WEB Password (CHDOC00111585)

Blanks were appended to the WEB password in the OPM-parameters, so the SICAM WEB Logon failed.

- Performance improvement SCALA 250 in case of changed images (CHDOC00094173)

PSR II

- Data flow test: Bugfix for displaying segment data (CHDOC00118818)