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************************************************************
Description:      TOOLBOX II (S38-100)
Revision:         V05.11

Date of Release:  2014-03-07

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```

New Features

Security:

The SICAM TOOLBOX II Version V05.11 supports the engineering
of automation units of the type SICAM RTUs over an
encrypted and authenticated connection (https).

In addition, it is possible to define a connection password
which requires a user authentication when connecting to the
target system via http(s).

User Account Management:

User Account Management for defining a new user with
authentication by the operating system.

Note:
Command-Line tools have to start with Toolbox- or domain-user
to authenticate.

Oracle Database:

Oracle Database meets the security requirements, including version
and patch level display in the Versions of installed toolsets
dialog (Presets TOOLBOX, System menu, TOOLBOX info, Toolsets...):
Oracle Version:
  11.2.0.4.0 PATCH SET FOR ORACLE DATABASE SERVER.


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*********************
*--- Installation ---*
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  New setup of TOOLBOX II:
  Install Version V05.10 first, then update to V05.11.

  This Version replaces all released hotfix installations of
  TOOLBOX II Version V05.10.

 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 Vista
   - Microsoft Windows Server 2008 R2

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

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Client/Server mode
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  The Version must be installed on client and server.


 Note:
 The installation could take longer(up to 5h) with 32bit
 operation systems with 2GbRAM and low CPU Performance
 (legacy systems).



Compatibility
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Version V05.11


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

From this consideration it naturally follows, that existing
engineering data of the existing SICAM TOOLBOX II version
V04.10 and version 5.xx can continue to be used and can be
imported into the new SICAM TOOLBOX II version V05.11.

Important hint:

When upgrading to the SICAM TOOLBOX II version V05.11 or
importing backups of earlier versions (V04.10 SP3) existing
function diagram data of CAEx plus are automatically converted
to the new version of SICAM TOOLBOX II version V05.11. 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.

Recommendation of free disk space:
 Current disk space of SICAM TOOLBOX II Installation + at least 5 GB!



*********************
*--- Enhancement  ---*
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* Check of free disk space for installation
  (CHDOC00085491)

  Enhancement:

   The update from SICAM TOOLBOX II V05.10 to V05.11
   requires additional disk space (Security ORACLE Patch).
   Additional disk space checks are implemented.

   Note:

   The enhanced installation is available on 2014-03-07.
   SICAM TOOLBOX II functionality wasn't modified.



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*--- FAULT CORRECTIONS ---*
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230 - DESTINATION SYSTEM SICAM 230 GENERAL
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* Correction SICAM 230 parameter "AdaptionMacro"/
  Transformation (CHDOC00076193)

  Error description:
    In V05.10 HF03 SCIAM 230 parameter "AdaptionMacro"
    was changed from "Y,N" to "True, False".
    SICAM 230 Transformer (from V05.11) checks all images
    and updates all invalid Values by request.

    Note: the User has the possibility to change the setting
          in the images manually too.

DDC - DATA DISTRIBUTION CENTER
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* Export of GOOSE Messages with SIP4 or 3P-devices
  (CHDOC00021947)

  Error description:
    When exporting a range with GOOSE messages to SIP4 or
    3P-devices the affected AUs are not considered for export.

DIA - DIAGNOSE-ONLINE
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* History diagnosis: do not read history diagnosis for prepared
  system elements (CHDOC00072121)

GUI - GRAPHICAL USER INTERFACE
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* Cropped text in messagebox with locking-information
  (CHDOC00066306)

  Error description:
    The messagebox displaying information about users and
    processes locking plants can be resized to uncover
    cropped text.

OPM - OBJECTORIENTED PROCESS DATA MANAGER
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* CAEx plus Transformer successful despite CASDU1/2 mismatch
  (CHDOC00053786)

  Error description:
    The CAEx plus Transformer does not end with errors,
    if the system technical CASDU1/2 parametrization does
    not accord with the processtechnical parametrization
    (parameter values of OPM II imagelinks).

* Fixed VTA-Wildcard search in Bulk edit (Set filters)
  (CHDOC00063410)

SDM - SOURCE DATA MANAGEMENT
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* SDM import: performance problem fixed (CHDOC00081670)

  Error description:
    Import of SDM Files was very slow. (Side effect of
    another error fix.) Perfomance Issue was fixed.

SUE - SYSTEM-TECHNICAL OVERVIEW

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* OPM Copy mirror parameters: Master CPU is considered on
  mirror parameters copy (CHDOC00052758)

ZDB - DATA BASE
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* Error correction of moved OPMII-Levels (CHDOC00077686)

        Solution: all levels were corrected by use of special
                 SQL-Updates directly at the affected database
                 server.

* "TNS Listener Poison Attack" of the Oracle Database
   (CHDOC00078008)

  Error correction:

    TNS listener vulnerability resolved.

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--- HINTS   ---
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Installation and system requirements
see Booklet MyPrisma item number D3E-017-1

Operation of CAEx II under Windows 7
see Manual MyPrisma item number D30-516-1

Since that Version the Update file is just
to download from Sharepoint:

Link:http://www.energy.siemens.com/hq/en/automation/
power-transmission-distribution/sicam-substation-automation
/sicam-1703/sicam-toolbox.htm?dlsearch=1&fiProductFamily
=SICAM%20RTUs&fiProductName=SICAM%20TOOLBOX%20II

automatic Backup of the Database:

A Backup of the database will be created during the
Updateprocedure from TB05.10 to TB05.11.
It can be found in the directory %TBIIOracleInstallDir%

This backup won´t be deleted because of safety reasons.
It can be deleted from the user in own responsibility.

If the Toolbox was installed to the default
directory(changeable from user)
the directory is: C:\Siemens_EA\TBII\DB\

After a successful installation of the TB05.11 you can
delete following Backupfiles(from the TB05.10)

ORA11R2_CL_5.10.0104
ORADAT_5.10.0104
ORANT_5.10.0104

Client/Server mode

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

database revisions problems!)