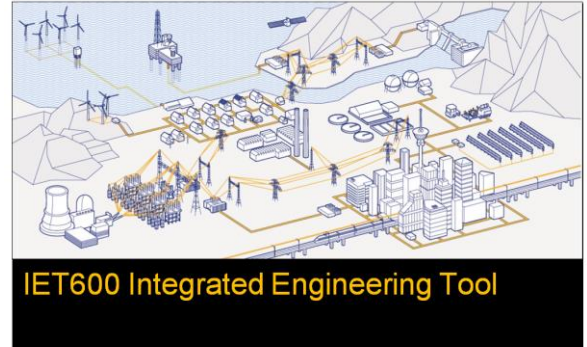


Integrated Engineering Tool IET600 Ver. 5.3 Release Note

Dear Reader,

We are pleased to announce the release of IET600 Ver. 5.3. IET600 provides full-fledged engineering functionalities for system integration of IEC 61850 based substation automation systems.



Power and productivity
for a better world™ **ABB**

IET600 - Introduction

IET600 allows system engineers and integrators to define and configure the complete substation automation system according to IEC 61850. It features powerful graphical interfaces to design the substation topology, manage the communication between all IEC 61850-compliant IEDs in the substation and generate a complete description of the substation in an SCD file.

Centralized support for maintenance of substation signals for ABB's MicroSCADA Pro platform ensures that data consistency is assured throughout the life cycle of the substation. The modern and intuitive user interface allows engineers to easily navigate through large amounts of data to find exactly what they need.

New features and benefits of Ver. 5.3 versus Ver. 5.2

- IET600 is prepared for engineering IEC 61850 Ed.2 projects (UCA conformance test pending)
- Graphical editor for drawing the physical communication network topology of the substation automation system
- Freeze functionality for protecting engineered solutions from unwanted modification on VL/Bay/IED level
- New Editor for system wide definition of customer names
- Support for customer defined signal library for simplified MicroSCADA engineering
- Support for Windows 8 (32 Bit / 64 Bit)

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Documentation

Following documentation is available on the IET600 installation CD:

- IET600 installation guide
- IET600 user manual
- IET600 release notes

Technical requirements on environment

The minimum hardware requirements are:

- 300 MB of free hard disk space
- Dual-core processor
- 3 GB RAM
- 2.5 GB page file size

The recommended hardware requirements for medium to big projects are:

- 300 MB of free hard disk space
- 64 bit operating system
- Quad-core processor
- 8 GB RAM
- SSD recommended for system drive

The following operating systems are supported:

- Windows XP SP3 (32 Bit)
- Windows 2003 Server SP2 (32 Bit)
- Windows Vista SP1 (32 Bit)
- Windows 7 (32 Bit / 64 Bit)
- Windows 2008 Server (32 Bit / 64 Bit)
- Windows 8 (32 Bit / 64 Bit)

Ordering and delivery information

The IET600 can be ordered from Substation Automation Products, Västerås, Sweden.

The delivery will include a transparent case with the software, user manual and installation guide on CD and the USB hardware license key.

IET600 Ver. 5.3 requires a USB hardware license key to function during start-up and runtime of the tool.

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Installation

IET600 needs some additional software components (these are contained in the IET Prerequisites package) delivered on the CD:

- Windows Installer 4.5
- NET Framework 4.0
- SQL Server 2008 SP2 (Note: Requires Service Pack 3 on Windows XP)

The IET600 Prerequisites must be installed once before the first time the installation of IET600. The installation of IET600 Ver. 5.3 gets started by running the installation program (“ABB IET600 Setup.exe”). For more details please read the IET600 installation guide.

Life cycle statement

IET600 Ver. 5.3 is a standalone product and replaces all former versions. It requires a new license key.

For users of PCM600 Engineering Pro Ver. 2.4 or IET600 Ver. 5.2, an update product to IET600 Ver. 5.3 is available. For more information please contact ABB Substation Automation Products, Västerås, Sweden (sa-t.sales@se.abb.com).

IET600 automatically migrates engineered projects and data created with earlier versions of IET600, to the latest version and therefore ensures full backwards compatibility.

Statement on IEC 61850 Ed.2 support

This version of IET600 is prepared for the application of IEC 61850 Ed.2. However it has not yet been tested by an independent UCA certified IEC 61850 conformance test laboratory, due to the fact as these tests are not in place at release date of this version. The usage of the IEC 61850 Ed.2 features is therefore recommended for validation and testing purposes. Please regularly check online with the built-in “check for updates” function. The officially IEC 61850 Ed.2 conformance tested version of IET600 Ver. 5.3 will be downloadable as a free upgrade when available. By then also the official IEC 61850 SICS (SCL Implementation Conformance Statement) will be published.

Kind regards,

Tetsuji Maeda
Global Lead Product Manager
SA Tools & Integration Technology
Substation Automation Products & Systems