Connectivity Package version 1.2.1
For SAM600

A Connectivity Package for SAM600 process bus I/O system has been released.

The version designation of this Connectivity Package is 1.2.1.

SAM600 process bus I/O system is a modular, extensible, and customizable product solution that converts signals from the primary analog process to its digital counterpart according to the IEC 61850 standard.

The product is designed for both AIS and GIS applications. It can be beneficially applied to secondary system upgrades as well as new substation installations, thus integrating seamlessly with modern sensor technology.

SAM600 process bus I/O system could be deployed in marshalling kiosks close to primary apparatus, or in existing secondary system protection and control panels.

New features and benefits
This new version of Connectivity Package for SAM600 series enables the interaction between SAM600 version 1.2.1 and the Protection and control IED manager PCM600 2.8 ROLLUP 20170621 or later.

The new connectivity package enables support for the following features in PCM600:
• Communication redundancy via IEC 62439-3 (PRP and HSR)
• IED Configuration Migration
• IED Summary provides summary of most important SAM600 properties
• Windows 8 and 10, with native 32 and 64 bit

For detailed information on what is new in the SAM600 version 1.2 please refer to the release note 1KHL516125.
Supported products
The Connectivity Package for SAM600 version 1.2.1 is compatible with, and supports, the following products:
• SAM600 process bus I/O system version 1.2.1
• SAM600 process bus I/O system version 1.2
• Protection and Control IED Manager PCM600 2.8 ROLLUP 20170621 or later

Installation of this Connectivity Package
To install the Connectivity Package for SAM600 series, please follow the instruction below:
1. Ensure that PCM600 2.8 ROLLUP 20170621 or later has been installed
2. Install the Connectivity Package for SAM600 version 1.2.1
3. Install required SAM600 module

The Connectivity Package and SAM600 module can be installed from the DVD or from the PCM600 version 2.8 Update Manager. Please note that this SAM600 Connectivity Package must be installed to be able to interact with SAM600 process bus I/O system via PCM600 tool.

IED Configuration Migration
This version of Connectivity Package for SAM600 series features IED Configuration Migration tool component for migrating projects containing SAM600 version 1.2 to SAM600 version 1.2.1.

NOTE: We highly recommend making a back-up of the project or configuration prior any migration activity.

For details regarding the migration process, please refer to the engineering manual 1MRK511433.

Known issues and limitations
There are known issues and limitations related to the Connectivity Package for SAM600 process bus I/O system. For more information please refer to the “Read me” document, 1KHL516125.

Ordering and delivery
The Connectivity Package for SAM600 process bus I/O system version 1.2.1 is automatically included in a product delivery. The Connectivity Package for SAM600 process bus I/O system on the DVD contains the complete technical documentation set for SAM600.

The Connectivity Package for SAM600 process bus I/O system can also be downloaded via the PCM600 Update manager, together with the required SAM600 module.

Kind regards,
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