PCM600
PCM600 version 2.12

A new version of the Protection and Control IED Manager PCM600 version 2.12 has been released. PCM600 provides versatile functionalities for the entire life cycle of all ABB protection and control devices, such as the Relion® series of relays and SSC600.

Dear Reader,

We are pleased to announce that the evolution of PCM600 continues.

New features and benefits / feature enhancements

Efficiency
Improved consistency and performance of SCD import/export.

New filter introduced in Parameter Settings to compare changed and default parameter values.

Easily collect the information to be shared with support line for diagnosis.

Command line interface support extended to support creation of IEDs from templates.

Usability
Quick search introduced in PCM600 object type window.

PCM600 remembers the selected node in the plant structure across PCM600 project sessions.

Other additions
Updated user interface to provide harmonized look to the components in PCM600.

Graphical presentation and comparison support for touch voltage-based earth-fault current protection function.*

Support to configure High Speed Transfer Device in Graphical Display Editor.*

Note: *Availability of the feature depends on Connectivity Package.

Documentation
The following documentation is available and can be found on the PCM600 product page:

• PCM600 Cyber Security Deployment Guideline
• PCM600 Installation guide
• PCM600 Readme file
• PCM600 Product guide
• PCM600 Getting started guide

The PCM600 user documentation is available as on-line help in PCM600, which is included in the PCM600 installation.

Technical requirements on the environment
Hardware and software requirements:
• The supported operating systems and hardware requirements are described in the PCM600 installation guide. The guide also covers how to install for distributed environment/virtualization.

• Using PCM600 requires that the applicable IED Connectivity Package has been installed. The connectivity packages can be downloaded from the Update Manager of PCM600.

• The IED Connectivity Packages for 640, 630, 620, 615, 611, 610, RIO600, RBX615, PML630, SSC600, REX521, RE_54_, SPACOM and REF542plus can also be downloaded from the ABB Connectivity Packages page.

Products supported in this release
PCM600 version 2.12 supports the following protection and control products:

• Relion® family and supporting products: 640, 630, 620, 615, 611, 610, RIO600, PML630
• SSC600
• REF542plus, REX521 and RE_54_ series
• Selected SPACOM relays

Features and benefits in previous versions of PCM600:
• PCM600 2.11 (released in Nov 2021)
• PCM600 2.10 (released in Feb 2020)
• PCM600 2.9 (released in April 2018)
• PCM600 2.8 (released in October 2016)

IED Connectivity Package support for PCM600 2.12
For the best performance we recommend the latest versions/revisions of the IED Connectivity Packages available in the PCM600 update manager to be used together with the PCM600 2.12.

Life cycle statement
PCM600 2.12 replaces all previous versions of PCM600. The replaced versions will be moved to obsolete phase in the software life cycle policy, which means that they will no longer be maintained.

Download PCM600
PCM600 2.12 is license-free and can be downloaded free-of-charge on the PCM600 downloads page.

Installation
The installation of PCM600 2.12 is started by running the installation program (PCM600.exe).

Note: PCM600 2.12 can be installed in parallel to already installed PCM600 versions like 2.11, 2.10, 2.9, 2.8, 2.7, 2.6, 2.5 or earlier.

Known limitations and supporting information
For technical limitations and supporting information, please refer to the PCM600 readme file. Some PCM600 functionality might not yet be available in all the available ABB IEDs. For further information please refer to the release notes of the IEDs and their Connectivity Packages.

Main functionality
The Protection and Control IED Manager PCM600 tool provides versatile functionalities for the entire life cycle of all Relion® Protection and Control IED applications. This easy-to-handle tool helps you to manage your protection and control equipment all the way from application and communication configuration to disturbance handling. Designed to communicate, PCM600 interacts with IEDs over the fast and reliable TCP/IP via corporate LAN or WAN, or alternatively directly through the communication port at the front of the IED.

PCM600 tool is able to read and write all configuration and setting data of an IED with a single command. The user interface, workflow and the IEC 61850-based data model in PCM600 are designed according to the same philosophy as the Relion® Protection and Control IEDs, ensuring smooth and seamless integration between the tool and the IEDs. PCM600 also secures the projects and data created with earlier versions of the PCM600 tool, which enables full backwards compatibility.

Kind Regards,

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