

RELEASE NOTE

# PCM600

## PCM600 Version 2.8



### Dear PCM600 User

**Version 2.8 of Protection and Control IED Manager PCM600 has been released. PCM600 provides versatile functionalities for the entire life cycle of all Relion® Protection and Control IED applications.**

### New features and benefits / feature enhancements

- Simplicity and efficiency
  - Synchronization of imported IEC 61850 parameters with IED settings
  - Automatic LNode creation for easier system configuration
  - Allow mixing Flexible Product Named IEDs with standard named IEDs
  - Improved efficiency on imported Flexible Product Naming templates
- Infrastructure
  - Upgrade to SQL Server 2014
- Functionality for protection and control relays
  - Preparation for future protection and control relays releases
- User experience enhancements
  - Multiple usability enhancements on all PCM600 tool components

### Documentation

Following documentation is available and can be found on the PCM600 product page and the ABB Power Grids Substation Automation Software Library:

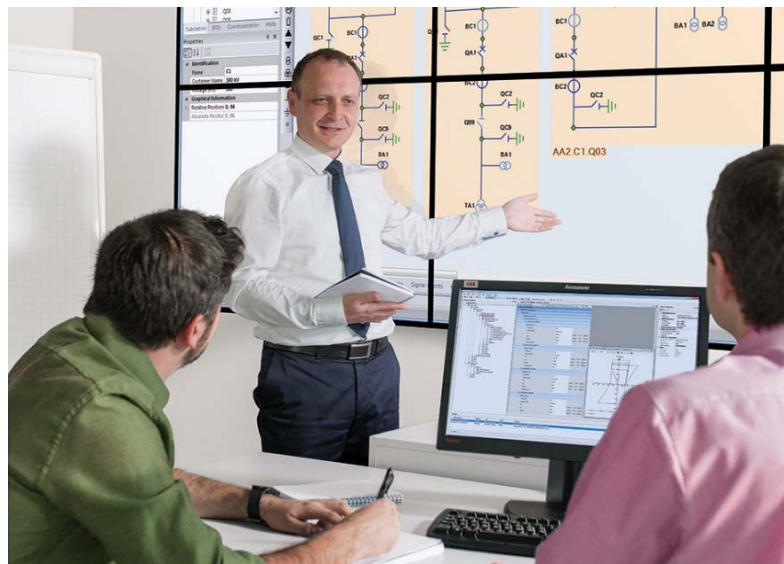
- PCM600 Installation guide
- PCM600 Readme file
- PCM600 Product guide
- PCM600 Getting started guide

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

### Technical requirements on environment

Hardware and software requirements:

- The supported operating systems and hardware requirements are described in the PCM600 installation guide.
- Using PCM600 requires that the applicable IED Connectivity Package has been installed. The connectivity packages can be downloaded from the update manager of PCM600. Furthermore the IED Connectivity Packages for 670 and 650 series are also available on a separate IED Connectivity Package DVD that is delivered together with the IEDs, whereas the IED Connectivity Packages for 630, 620, 615, 611, 610, RIO600, RBX615, PML630, REX521, RE\_54\_, SPACOM and REF542plus can also be downloaded from the Substation Automation portal



### Products supported in this release

PCM600 2.8 supports the following protection and control products:

- Relion® family and supporting products: 670, 650, 630, 620, 615, 611, 610, 601, REB500, RIO600, PML630, PWC600, GMS600 and SAM600
- REF542plus
- REX521 and RE\_54\_ series
- Selected SPACOM relays

### Features and benefits in previous versions of PCM600

- PCM600 2.7 (released in December 2015)
- PCM600 2.6 (released in January 2014)
- PCM600 2.5 (released in February 2013)

### IED Connectivity Package support for PCM600 2.8

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 2.8.

### Life cycle statement

The PCM600 2.8 will replace 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.

### Ordering and delivery information

PCM600 2.8 is license-free and can be downloaded free of charge from the ABB Power Grids Substation Automation Software Library.

PCM600 can also be ordered on a DVD using the following ordering number:

Software	Ordering number
PCM600 2.8	PCM600-28

### Installation

The installation of PCM600 2.8 is started by running the installation program (Setup.exe). Notes:

- PCM600 2.8 can be installed in parallel to already installed PCM600 versions like 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 Power Grids IEDs. For further information please refer to the release notes of the IEDs respectively IED Connectivity Packages.

### Main functionality

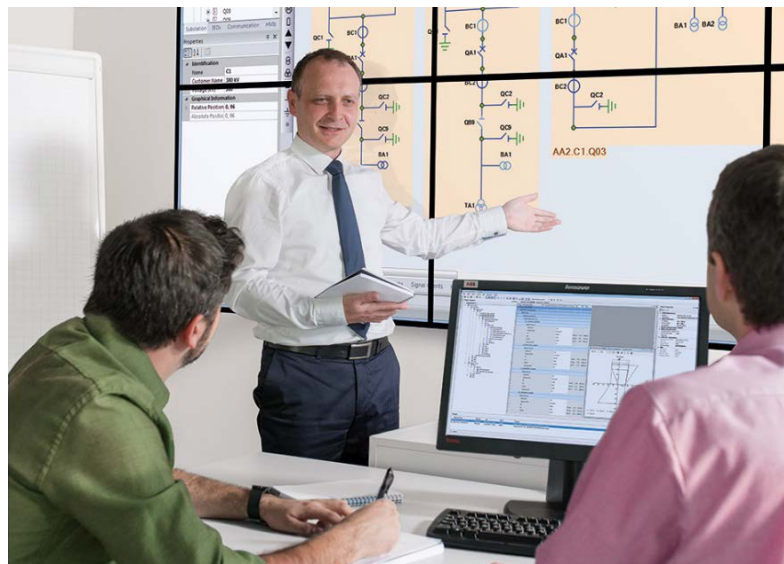
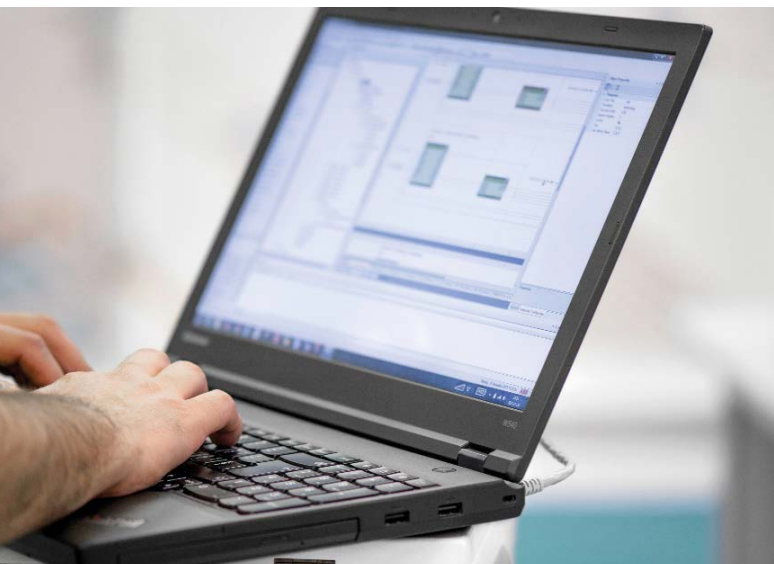
The Protection and Control IED Manager PCM600 tool provides versatile functionalities for the entire life cycle of all Relion® Protection and Control IED applications. This easy-to-handle tool helps you to manage your protection and control equipment all the way from application and communication configuration to disturbance handling.

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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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