

RELION® REB500 SERIES

IED Connectivity Package version 8.3

Read me



Dear Reader,

This document describes the system and hardware requirements as well as fixed problems, known issues and limitations of the IED Connectivity Package version 8.3 for Relion REB500 series.

1. System specification**1.1 System requirements**

Operating system	Version
Windows Server 2008 R2 (64-bit)	-
Windows Server 2012 R2 (64-bit)	-
Windows 7 (32-bit/64-bit)	SP1
Windows 8 (32-bit/64-bit)	-
Windows 8.1 (32-bit/64-bit)	-
Windows 10 (32-bit/64-bit)	-

1.2 Hardware requirements, minimum/recommended:

Technical data		
Hardware	Minimum	Recommended
CPU	1.5 GHz	2.4 GHz
RAM	2 GB	4 GB
Free hard disk space	4 GB	8 GB
Monitor	1024 x 768	1280 x 1024
Ethernet port	Required	required

2. Fixed problems

Sl. No.	Issue	Comments
1	PCM600 displays meaningful information to the user in case if the non-compatible IED version set file is used for PCM600 operations	
2	User with SECAUD role can read security events from IED in PCM600	
3	PCM600 displays units for current signals in Signal Monitoring Tool	
4	After reading configuration from IED, process bus IP-Address shows correctly in PCM600 object properties window	
5	Hardware configuration cannot be modified via PCM600	
6	User with Installer role can read latest values of signals or channels from IED in Signal Monitoring Tool	
7	It is possible to read or write configuration from or to IED for all user roles whoever has access rights	
8	PCM600 does not delete REB500 IED object in the plant structure when export and import IEC 61850 Ed2 SCL file back to PCM600	

3. Known issues and limitations

Sl. No.	Issue	Workarounds, Clarifications and Helpful Hints
1	It is not recommended to install Connectivity Package on network location	
2	Cannot do partial read/write operations in Parameter Setting Tool	
4	Scheduler will not work for REB500 IEDs	
5	Localization is not supported for REB500 IEDs in PCM600	
6	PCM600 displays empty values for Pre-Trig Time, Post-Fault Time and Recording Time in disturbance handling tool	
7	User will not be able to read disturbance recordings from IED via PCM600 64-bit in Windows Server 2012 R2 operating system	Work around is user need to use PCM600 32-bit
8	It is not recommended to write set file configuration to IED via PCM600 IED object which is configured with online mode as user cannot modify set file configuration in PCM600	Workaround is user need to write set file configuration to IED via PCM600 IED object which is configured with offline mode

9	Display online information in IED Summary Tool is not supported for REB500 IEDs	
10	Report Parameters feature in PCM600 is not supported for REB500 IEDs	

4. Glossary

Terms / Abbreviations	Description
IED	Intelligent Electronic Device In this document, IED means a physical REB500 device.
PCM600	Protection and Control IED Manager PCM600
ConnPack	Connectivity Package
PST	Parameter Setting Tool
DHT	Disturbance Handling Tool
MT	Monitoring Tool
EVT	Event Viewer Tool
HWT	Hardware Configuration Tool
SCL	Substation Configuration Language
LHMI	Local Human Machine Interface
CRW	Common Read / Write



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