

Implement Comprehensive and Open Cyber Security with PACiS Solutions

Innovative Cyber Security approach
helps you improve grid node reliability
while respecting regulations



Schneider
Electric™



PACiS Provides Integrated Systems for Protection, Automation, and Control of grid nodes

PACiS solutions and services improve your grid's operational reliability, helping you benefit from a system approach to Cyber Security

- > Improve infrastructure reliability with customized solutions
- > Enhance operational security across your grid with defense in depth
- > Respect new regulations and adhere to the latest cyber security standards
- > Simplify security administration for current staff
- > Modernize substation control and monitoring

Schneider Electric supports you

- > Define optimum, interoperable, and open solutions for your grid's specific needs
- > Execute projects with fast delivery time and local support
- > Implement your security policy according to the latest standards
- > Upgrade your installed base
- > Support your installation over the long time

“ PACiS solutions improve your grid's operational reliability ”



more than 1,500
references worldwide

Username
Password:

Log

PACiS Solutions Introduce Cyber Security in Operational Technologies

PACiS protects your network with defense in depth

- > Simplify your security policy administration with innovative tools:
 - > SAT: Security Administration Tool for configuration and deployment of your security policy over substation automation systems
 - > SAM : Security Administration Manager device for centralized security information and simplified security audits
- > Improve solution availability by hardening key components:
 - > Protection relays, local substation HMI, gateways, RTUs, bay controllers, Ethernet communication devices, and administration tools
- > Prevent the consequences of malicious software (malware) infections via white-listing and anti-virus
- > Facilitate user authentication and authorization according to Role Based Access Control (IEC62351-8 RBAC)
- > Reinforce access protection with VLAN and firewall technologies
- > Simplify security audits with central management of devices' security logs
- > Provide services for security audit, incident response, and patch management

“PACiS solutions simplify the administration of your security”



Comprehensive and open approach to cyber security



PACiS Solutions and Expert Services Accelerate the Modernization of your Substation and Grid

Benefit from Schneider Electric's expertise and experience

- > Deploy substation automation engineering services for design, configuration, and commissioning of your projects
- > Explore a certified IED range and associated tools that leverage the IEC61850 data model
- > Use modern network architectures and communication protocols: IEC61850, IEC60870-5-101, -104, -103, DNP3, IEC62439 (PRP /HSR)
- > Adhere to cyber security standards and guidelines: IEC62351, IEEE1686, WIB, NERC-CIP

We offer local services and dedicated support

- > Prepare system specifications, leveraging openness and interoperability
- > Execute projects with fast delivery time
- > Maintain, retrofit, and support your systems over the long term
- > Bring continuous security improvements over the entire life cycle with dedicated services, including patch management, CERT (Computer Emergency Response Team) information, audit, and system recovery



Peace of mind
throughout your
network life cycle

Learn more about our solutions for energy automation

Visit www.schneider-electric.com/energy-automation today!

Make the most of your energySM

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