



# OT SECURITY

Security in Power Grids



# CERTIFIED COMPETENCE

Our products form the core of a wide range of solutions for critical infrastructure (energy, water, ICT, transport). We develop them consistently in accordance with the highest security requirements.

- International standards: Alignment with ISO/IEC 27000, IEC 62351 and IEC 62443
- Compliance with the requirements set out in the BDEW white paper and sector-specific security standards (B3S)
- NIS-2-compliant products & services
- PSIRT: Our Product Security Incident Response Team (PSIRT) is your central reporting point for security issues.



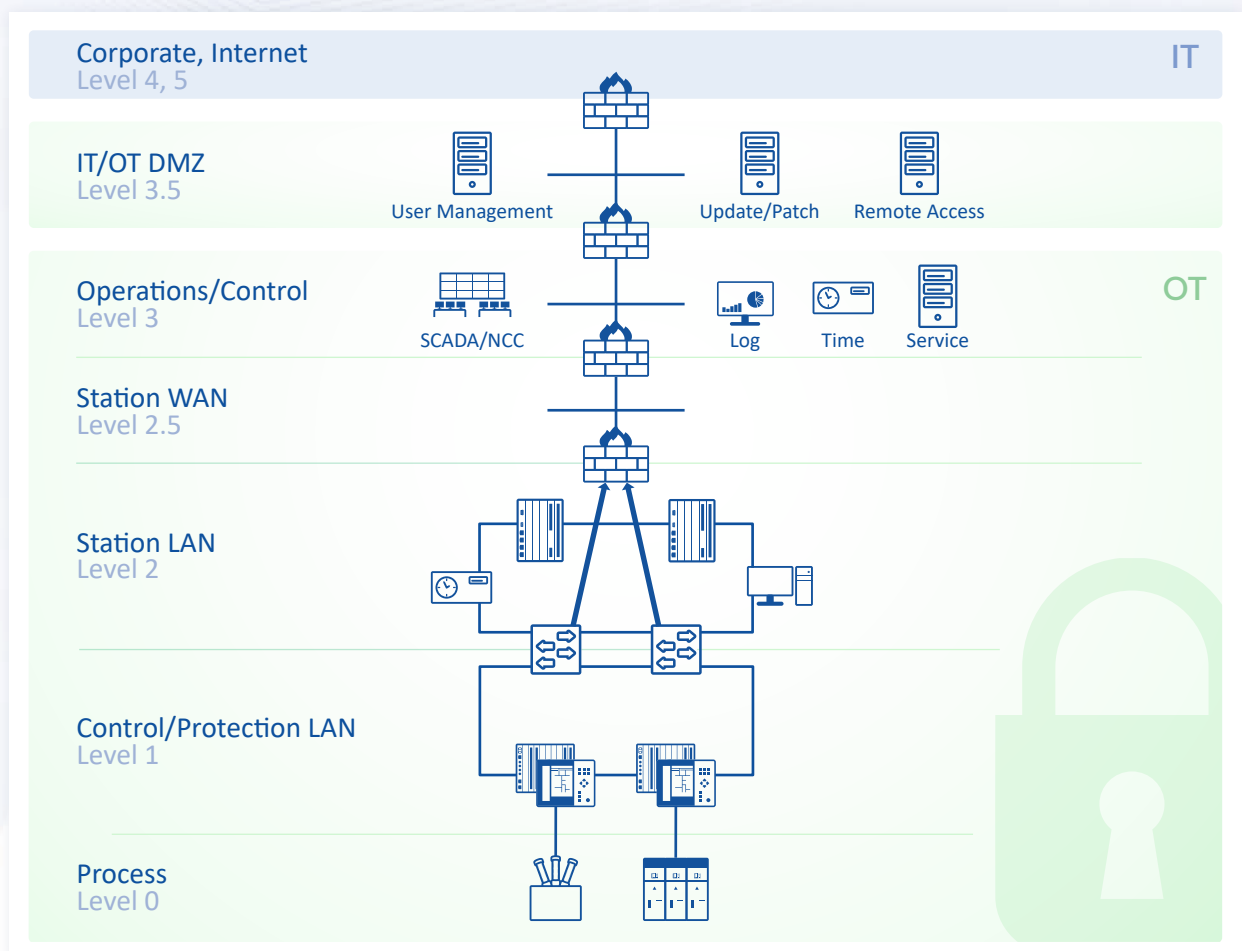
PSIRT / Security Alerts

Information security is an integral part of our corporate culture and is embedded in all processes at Sprecher Automation.

- Certified ISMS: Our information security management system is certified according to ISO 27001.
- Sprecher Automation meets the lifecycle requirements for secure product development in accordance with IEC 62443-4-1.
- Vulnerability management: Established internal processes for identifying, assessing and rectifying vulnerabilities



Certificates & Guidelines



Purdue model for power grids: Together, we create compliant, future-proof systems.

# SECURE POWER GRIDS

Today's power grids are becoming increasingly complex and interconnected; the number of users continues to rise, as does the risk of cyber attacks. The dwindling number of available specialists requires ever more specialised expertise to meet the growing and increasingly complex demands. Our products and services address these requirements and help you to implement solutions that can make your day-to-day work easier.

## DEFENCE-IN-DEPTH

Protecting a complex system begins with its individual components. At Sprecher Automation, we employ numerous security features, thereby implementing a robust defence-in-depth approach:

### Network Security & Segmentation:

- Built-in firewall & IDS/IPS
- Strict network zones via VPN, VLAN, firewalls and separate physical interfaces

### Secure Communication:

- Data and service encryption using a VPN (IPsec, OpenVPN) and TLS

### Access & Authentication Control:

- Role-based access (RBAC) for all service and management functions
- Strong authentication (endpoint, RADIUS, local)

### System Hardening & Integrity:

- Minimising the attack surface by disabling unnecessary services/ports
- TLS-secured management interfaces (e.g. HTTPS)
- Malware protection through application whitelisting

### Logging & Monitoring:

- Detailed syslog logging of security-related events
- Status data and management functions via SNMPv3

### PKI Integration & Identity Management:

- Management and updating of certificates via EST

## SERVICES

We work in partnership with our customers and, if desired, act as your general contractor, supporting you from the initial idea right through to the completed system. Consultancy & planning, project management, documentation and after-sales services are all included.

Benefit from our comprehensive range of OT services, which we tailor to your specific requirements and preferences:

- Consultancy and expertise in the design of secure end-to-end systems, from control and protection technology right through to the control center.
- Hardening of components and PC systems: Standardised and tested hardening of your operating systems for operator workstations (HMI), maintenance PCs, etc.
- Service Level Agreements: With our SPREcare service product, we provide you with the best possible support during the operational phase of your system.
- Training: Take advantage of our wide range of courses at our Training Center in Vienna (or directly at your premises!). We also offer trainings specifically tailored to your system.



# OUR SOLUTIONS

## SPRECON-E

Protect – Control – Monitor

With our tried-and-tested SPRECON automation platform, we have incorporated cybersecurity right from the start. Particularly for use in critical infrastructure, we implemented the 'defence-in-depth' concept, thereby protecting your plants and processes.

### ONE PLATFORM FOR ALL APPLICATIONS

- On-site operation
- Protection
- Control & automation
- Monitoring
- Visualisation

## SPRECON-N

Network Technology for Power Grids

To ensure that communication at all levels is secure, fault-free and easy to maintain, we, as a systems integrator, develop a comprehensive communication concept for your system. In addition to primary and secondary technology, we offer selected components from specialists in the OT sector.

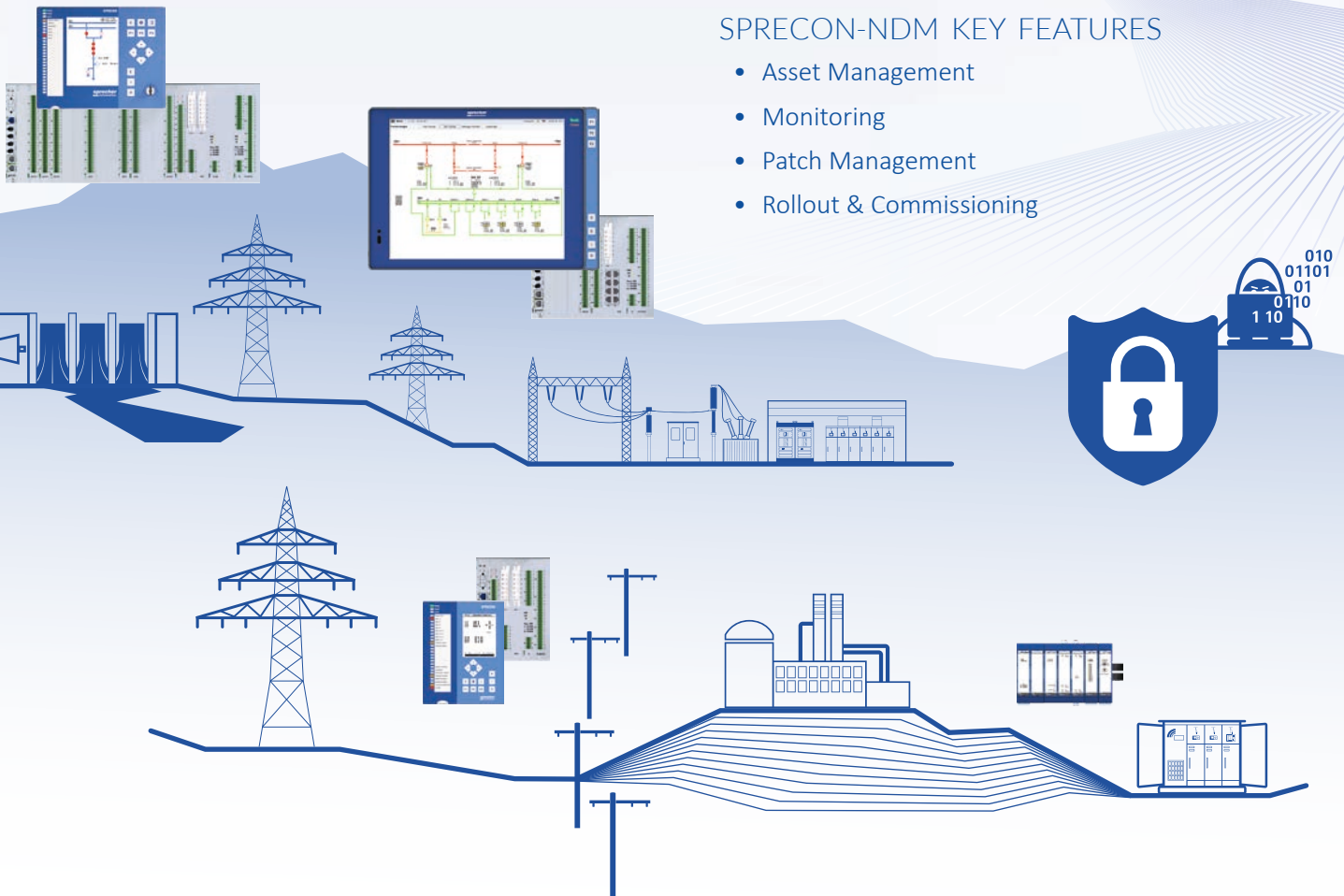
## SPRECON-NDM

Network & Device Management

The number of digital devices is constantly increasing, and maintaining them presents your staff with an ever more complex challenge. In station automation, more and more digital, networked devices are being used, which – partly due to various cybersecurity requirements – need to be inventoried and monitored in detail.

### SPRECON-NDM KEY FEATURES

- Asset Management
- Monitoring
- Patch Management
- Rollout & Commissioning



## SPREcARE

Service Level Agreement

SPREcare is a modular service product comprising various service packages. We support you in technical areas, in OT security, patch management, subscriptions and much more.

### SPREcARE MODULES

- Repair with premium support
- Patch management for SPRECON and external products (optionally also specifically for your system)
- Services for tests and installation of updates/patches
- Subscriptions for SPRECON-V460 and SPRECON-NDM
- Secure data destruction (sensitive components)
- Support services

## TRAINING CENTER

In our center or on-site

At Sprecher Automation, we aim not only to provide you with the best automation equipment and solutions, but also with the expertise you need to plan, operate and maintain your systems.

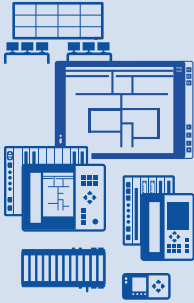
At the Sprecher Training Center, we provide tailored training for specific target groups using state-of-the-art methods, covering both theory and practice.

### KEY TOPICS

- SPRECON products incl. certification
- General technical training
- Cybersecurity
- Tailored training courses to meet your very specific requirements



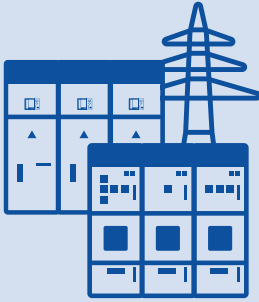
# ALL UNDER ONE ROOF



## ENERGY AUTOMATION

### SPRECON

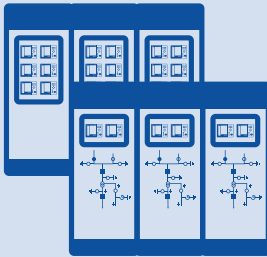
- Control systems for all voltage levels & system layouts
- Protection technology
- Telecontrol technology
- Power system control technology
- Network technology for energy automation



## ENERGY SYSTEMS: PRIMARY & SECONDARY TECHNOLOGY

### SPREPOWER

- High voltage switchgear
- Medium voltage switchgear
- Low voltage switchgear & MCC
- Secondary technology
- Complete systems/plants (new installations & retrofits)



## COMPETENCE CENTER CUBICLES

### SPREBOX

- Outdoor control cubicles
- Indoor control cubicles
- Protection cubicles
- Special-purpose cubicles

