



SPRECON[®]-NDM

Efficient Management of Digital Assets

sprecher
automation

SPRECON-NDM

NETWORK & DEVICE MANAGEMENT

The number of digital devices is constantly rising and their maintenance also presents your staff with an increasingly complex challenge. Especially in station automation, more and more digitally connected devices are being used, which need to be inventoried and monitored in detail – also due to cybersecurity requirements.

At Sprecher Automation, we've thought about this and developed a tool that allows you to manage your digital assets easily and efficiently. We have taken a look at what the most important requirements are in order to roll out and operate a large number of devices.

EFFICIENT COMMISSIONING

Standardised basic functionality in every device, which can be individualised with minimal effort.

ROLLOUT OF CONFIGURATIONS

Extensive configuration changes can be distributed to many devices at the touch of a button (e.g. the new IP address of the NTP server).

ROLLOUT OF SOFTWARE UPDATES

Organised distribution of software updates with little effort.

CYBERSECURITY

To ensure secure operation, firmware, software and configurations are kept up to date.

INVENTORY

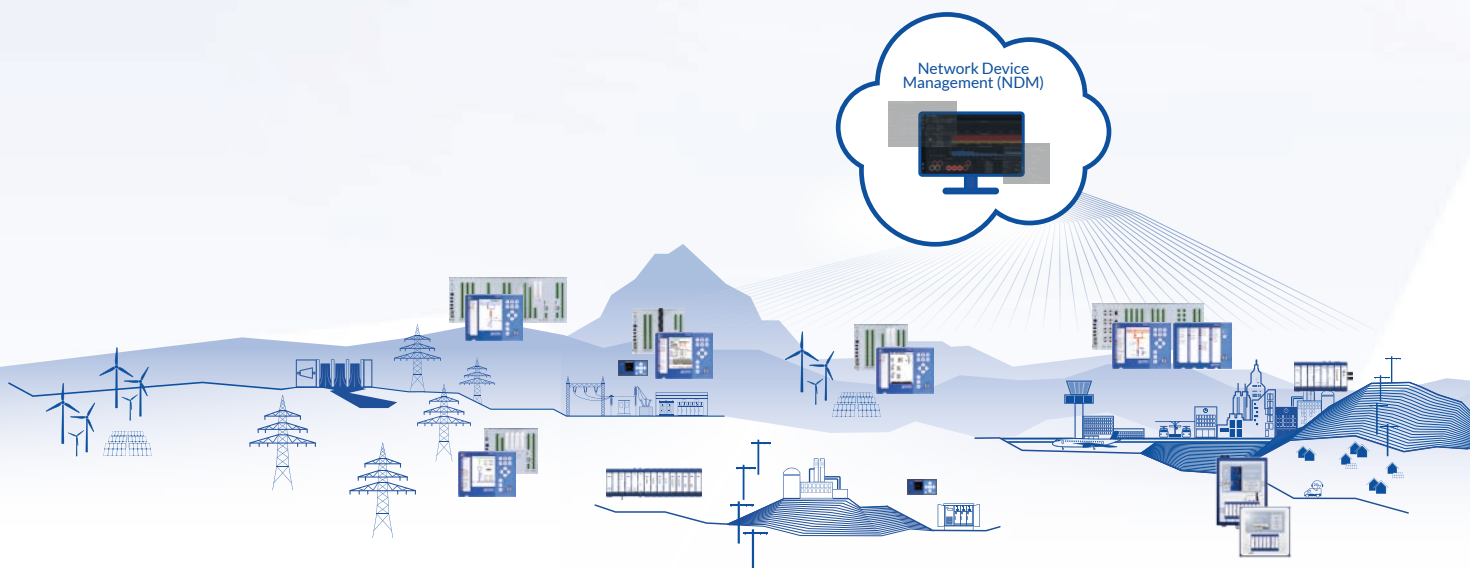
Optimal asset management offers the ability to record and evaluate installed device types as well as software and configuration versions in a centralised system.

MONITORING

Technical defects or fault conditions are collected, analysed and archived centrally.

INTRUSION DETECTION

The monitoring and inventory information are a significant added value for attack detection.



SPRECON-NDM KEY FEATURES

ASSET MANAGEMENT

- General device information
- Software versions
- Hardware and module versions
- Serial numbers
- Documentation, PDF reports

PATCH MANAGEMENT

- Tracking of changes
- Integrity check of configurations
- Rollout of settings
- Rollout of typicals
- Rollout of firmware and software updates

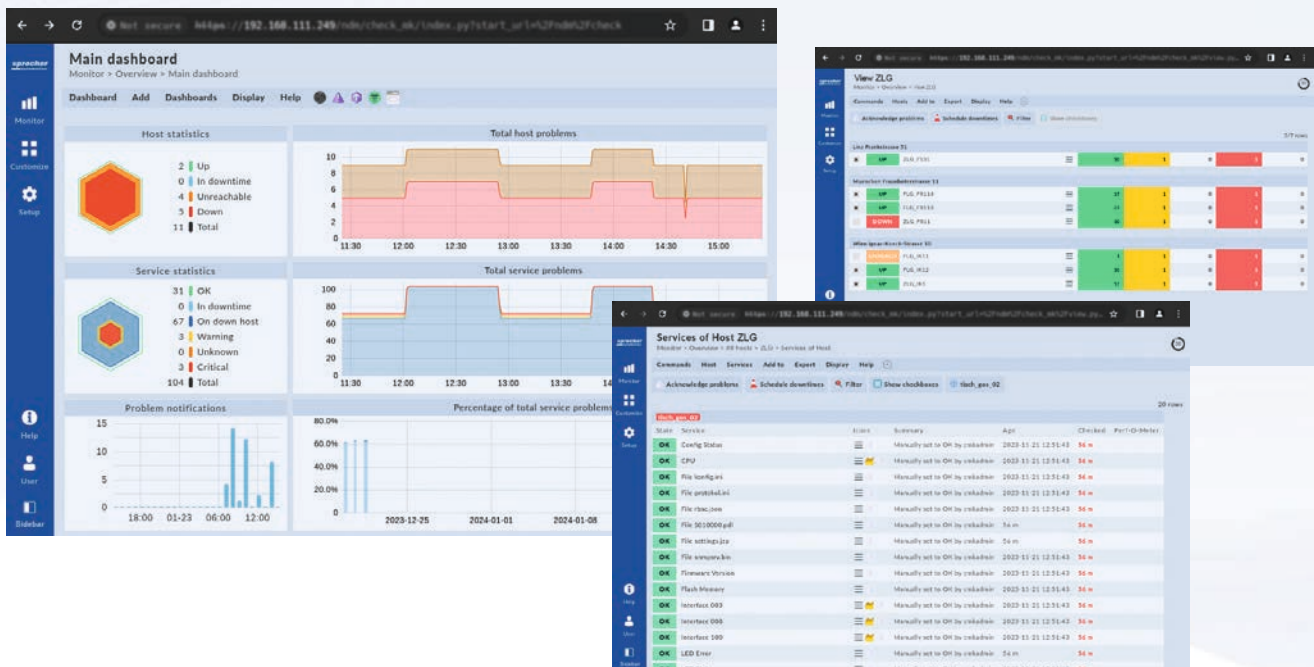
MONITORING

- Status monitoring
- Detection of faults
- Network monitoring
- Visualisation on customisable dashboards
- Event processing and alarming

CONNECTIVITY

- Standardised network interfaces
- Integration of any third-party products
- Control, protection and telecontrol technology
- Network technology, servers, PCs
- SPRECON products

WEB INTERFACE

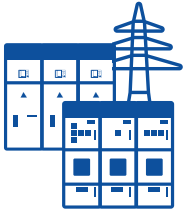




IT SECURITY

ISO 27001-CERTIFIED

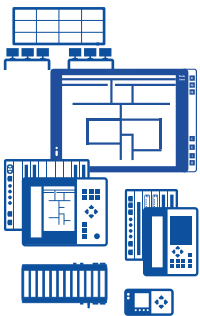
OUR PRODUCTS – MANAGED BY SPRECON-NDM



POWER PLANTS: PRIMARY & SECONDARY TECHNOLOGY

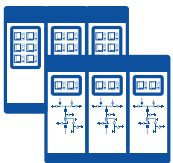
SPREPOWER

- High voltage switchgear
- Medium voltage switchgear
- Low voltage switchgear & MCC



SPRECON

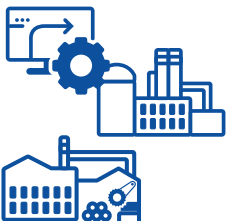
- Control technology for all voltage levels & system designs
- Protection technology
- Telecontrol technology
- Grid control technology



COMPETENCE CENTER CUBICLES

SPREBOX

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



INDUSTRIAL AUTOMATION

- Process automation for industry & power plants
- Machine control systems
- Sensors & scanners (wood industry)
- Overall systems (automation & power supply)



- **SPRECON-E-C (Control)** offers multifunctional automation, control and tele-control devices
- **SPRECON-E-P (Protection)** devices protect grids and operating resources
- **SPRECON-E-T3 (Telecontrol)** devices are compact modules for automation and telecontrol technology
- **SPRECON-V460 (Visualisation)** is used in control rooms and as local HMI

