

Network Management Card

Running your business without secure remote monitoring exposes you to unexpected issues, downtime and cyber threats. **Network Management Card (NMC)** is a small device that can be inserted into a UPS SmartSlot or embedded in UPS and PDU devices to help you monitor and manage your power systems remotely over a network. It connects multiple devices to the network, enabling centralized control and visibility.

Key Benefits

Monitoring and alarming

Stay informed with real-time monitoring and instant alerts to quickly address issues before they impact operations.

Preventative management

Proactively manage systems to prevent failures and reduce downtime through early detection and action.

Complete visibility

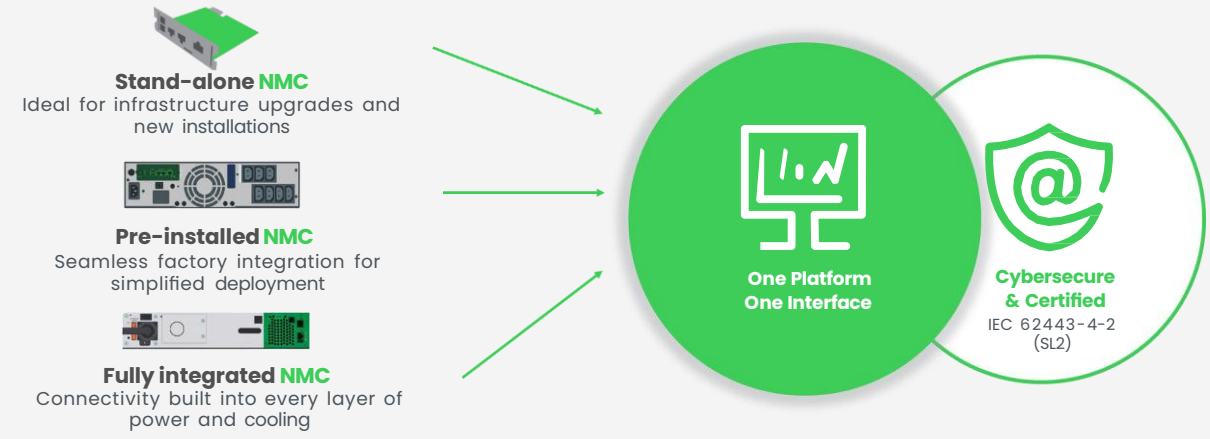
Stay informed with real-time monitoring and instant alerts to quickly address issues before they impact operations.

Ongoing security compliance

Ensure continuous adherence to security standards and protocols to protect against evolving threats.

Connecting your devices will improve the **availability**, **resiliency**, and **efficiency** of your power infrastructure systems and the IT workloads they support

Unified, Scalable and Secure connectivity with NMC



Key Features

Easy remote management
Monitor and control from any web browser

EcoStruxure IT integration
Connect with EcoStruxure IT for proactive insights

Management systems integration
Compatible with 3rd party platforms through open protocols

Multi-language support
Pre-loaded with 9 languages

Smart notifications
Get alerts and logs via email or system messages.

Universal Compatibility
Supports modern network standards

Sensor and device connectivity*
Monitor temperature, humidity, and fluid levels while enabling connection to sensors, alarms, and switches

**Available on select models*

Security

Industry-first independent cybersecurity certifications
IEC 62443-4-1, IEC 62443-4-2 (SL2) and ISASecure® SDLA

Robust security measures
- Enforced strong password policies
- Secure email authentication
- Multi-factor authentication

se.com/secure-nmc

Schneider Electric

Secure NMC System (SNS) Tool

Schneider Electric's cybersecurity-focused solution for managing **Network Management Cards firmware** in UPS and PDU devices.

	Customer strategy for Power Infrastructure Management			SNS Tool
	Manual	**Third party tools**	**In-house tools**	
Cybersecurity updates	✓	✓	✓	✓
Proactive cybersecurity and firmware management	✗	✗	✗	✓
Email notifications for new firmware and software updates	✗	✗	✗	✓
Mass NMC firmware updates	✗	✗	✗	✓
IEC 62443-4-2 cybersecurity certified firmware	✗	✗	✗	✓

Secure NMC System (SNS) Tool complements existing strategies to deliver proactive **cybersecurity** and **firmware management**

Key Benefits

One Simple Tool

Provides an intuitive interface that simplifies device management and enhances operational efficiency

Proactive Cybersecurity

Stay ahead of threats with proactive cybersecurity, ensuring continuous protection for your network.

Easy Firmware Management

Streamline firmware updates with centralized control, making maintenance effortless and ensuring compliance

By keeping firmware up-to-date, SNS Tool **minimizes risks** of system downtime and **ensures uninterrupted operations**

NMC in Monitoring and Management

*Addition to **Monitoring and Management** for business continuity

EcoStruxure IT Monitoring and Managment Solutions

Secure NMC System Tool

IT Expert (Cloud)

Data Center Expert (on-prem)

+

PowerChute Network*

Role of NMC

SNS Tool is specifically designed to update the firmware of the NMC itself. Without the NMC, there's nothing to update. It ensures the NMC stays secure and compliant.

Without NMC, the UPS or PDU cannot be monitored or managed remotely by **EcoStruxure IT Expert** or **EcoStruxure IT Data Center Expert**. It's the bridge between the physical device and the software.

PowerChute relies on the NMC to communicate with the UPS over the network. During power events, the NMC sends shutdown commands to protect hyperconverged and virtual infrastructure, ensuring graceful shutdown.

Foundation



Network Management Card
NMC is the building block and enabler of EcoStruxure IT solutions

To learn more about Network Management Card, visit our website.

se.com/secure-nmc

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