

Press Release

Precise attack detection meets professional operations

Together with Controlware, we protect critical OT infrastructures

Date

May 11, 2026

Effective immediately, we are collaborating closely with IT and managed service provider Controlware to help energy facility and grid operators effectively secure their OT environments against cyberattacks, prevent outages, and comply with regulations such as NIS2 and the German Energy Industry Act (EnWG). We are combining our StationGuard attack detection solution with Controlware's consulting, integration, and operational services. This collaboration provides energy utilities with comprehensive OT security solutions that address cyber and operational risks.

Energy companies are facing an increasingly dynamic threat landscape. At the same time, operators of critical infrastructure must comply with ever-stricter legal and regulatory requirements and meet the highest standards for system availability. Against this backdrop, we are partnering with Controlware in a strategic collaboration that combines technological precision with structured operational processes.

Our threat detection platform, StationGuard, monitors network communication in digital switchgear in real time. It detects cyber attacks, unauthorized activities, and misconfigurations, and also identifies functional anomalies, such as command errors or anomalies on the station bus. The alerts are then formatted in a way that is understandable to protection and SCADA engineers and can be integrated into existing SIEM and SOC structures.

Controlware ensures that these insights do not remain isolated but are translated into reliable decision-making and robust processes: Controlware experts conduct OT risk analyses, develop zoning concepts, integrate the solution into existing architectures, and, upon request, take over 24/7 operations - including monitoring, assessment, escalation, and incident response. This creates a

comprehensive security and operations model that combines technical detection, organizational measures, and compliance requirements.

The joint offering is rounded out by jointly delivered services ranging from the initial assessment through initial proof-of-value projects to production operations with managed services. These include, among other things, asset and risk analyses, the implementation of intrusion detection systems, the establishment of vulnerability and patch management workflows, and regular compliance reporting. In this way, customers benefit in four key ways:

- > Early detection of cyberattacks reduces response times and prevents security incidents from escalating
- > By combining cyber and operational monitoring, the risks of production and supply disruptions can be minimized and costly outages avoided
- > Regulatory requirements such as the EnWG and NIS2 are reliably implemented through documentable measures, audit support, and monitoring reports
- > Outsourcing operational, monitoring, and escalation processes to Controlware relieves the burden on internal teams while simultaneously increasing the level of protection

“In OMICRON, we have found a technology partner whose solutions were developed specifically for the OT energy sector,” explains Christopher Gasteier, Business Development Manager OT/ICS at Controlware. “Together, we deliver not just a product, but a comprehensive operational and accountability model for safe switchgear - with 24/7 monitoring, structured escalation procedures, and traceable documentation. This ensures complete transparency in critical grids, reduces response times, and supports compliance with regulatory requirements.”

Andreas Klien, Head of Power Utility Communication bei OMICRON, adds: “Controlware brings exactly the integration and operational expertise that operators of critical energy infrastructure need. Together, we combine the strength of StationGuard with professional managed services, thereby creating a level of security that detects attacks early, meets NIS2 requirements, and provides long-term relief for operations teams.”

Substation operators, grid operators, and energy suppliers can now sign up for technical workshops and pilot projects at info@omicroncybersecurity.com and info@controlware.de.

About Controlware GmbH

Controlware GmbH is one of Germany's leading IT service providers and managed service providers. The company is part of the Controlware Group, which has over 1,000 employees and generates revenue of nearly 500 million euros. Since its founding in 1980, Controlware has been supporting medium-sized and large companies, as well as government agencies and public institutions, with the planning, implementation, and operation of modern IT infrastructures. Its service portfolio includes solutions in the areas of Network Solutions, Information Security, Data Center & Cloud, Collaboration, IT Management, and Managed Services. The goal is to ensure cost-effective, future-proof, and sustainable IT operations. Controlware offers both targeted operational support and fully managed services for cloud-based and on-premises network, security, and data center environments. Cyber defense services are also available. In addition to a sales and service network with 14 ISO 9001-certified locations in the DACH region, Controlware maintains international partnerships. Its in-house Customer Service Center is ISO 27001-certified. For many years, the company has worked closely with leading manufacturers and innovative technology partners and holds the highest level of certification from these organizations. A particular focus is placed on promoting the next generation of talent. Controlware cooperates with leading universities and continuously mentors around 50 apprentices and students as an investment in the expertise of tomorrow. Learn more at <https://www.controlware.de/>.

About us

For over 40 years, OMICRON has been synonymous with reliable power supply. We protect critical energy infrastructure worldwide with technologies that detect attacks and operational disruptions in real time, provide transparency into OT assets, and meet the highest security requirements, always ensuring stable and secure grid operation. Learn more at <https://www.omicroncybersecurity.com/>.

Press Contacts

OMICRON

Alexander Vonbank

OMICRON electronics GmbH

Tel.: +43 59495

Email: press@omicroncybersecurity.com

Web: www.omicroncybersecurity.com

Controlware

Stefanie Zender

Controlware GmbH

Tel.: +49 6074 858-246

Email: stefanie.zender@controlware.de

Web: www.controlware.de

Agentur

Michal Vitkovsky

H zwo B Kommunikations GmbH

Tel.: +49 9131 812 81-25

Email: michal.vitkovsky@h-zwo-b.de

Web: www.h-zwo-b.de

OMICRON is an international company that works passionately on ideas for making electric power systems safe and reliable. Our pioneering solutions are designed to meet our industry's current and future challenges. We always go the extra mile to empower our customers: we react to their needs, provide extraordinary local support, and share our expertise.

Within the OMICRON group, we research and develop innovative technologies for all fields in electric power systems. When it comes to electrical testing for medium- and high-voltage equipment, protection testing, digital substation testing solutions, and cybersecurity solutions, customers all over the world trust in the accuracy, speed, and quality of our user-friendly solutions.

For more information, additional literature,
and detailed contact information of our
worldwide offices please visit our websites.

www.omicroncybersecurity.com
www.omicronenergy.com

