

Siemens fortifies cyber resilience to ensure energy supply for critical infrastructures

- **New Managed Detection and Response (MDR) service from Siemens enables enhanced 24/7 cybersecurity for critical infrastructures**
- **Siemens offers comprehensive and overarching protection with its MDR service and in-depth OT expertise across multiple sites**
- **Reduces capital expenditures by up to 80 percent and lowers ongoing operating costs for cyber defense by up to 50 percent**

With its new Managed Detection and Response (MDR) service, Siemens Smart Infrastructure is strengthening cyber resilience for energy suppliers and operators of energy-intensive industries and critical infrastructures like data centers and airports. As information technology (IT) and operational technology (OT) continue to converge, companies are being challenged to manage a growing flood of security alerts. They often lack the required staffing with the appropriate expertise and 24/7 availability. The new service from Siemens addresses this gap and helps companies operate their increasingly digitalized systems securely, in compliance with NIS 2 EU-wide legislation concerning cybersecurity and from a single source of trust. Compared to setting up in-house 24/7 Security Operations Center (SOC), Siemens' MDR service reduces investment costs by up to 80 percent. Ongoing operating costs for cyber defense are reduced by up to 50 percent through a predictable and scalable service model that is NIS 2-compliant.

The MDR service provides 24/7 protection through monitoring, analysis of potential incidents, and recommendations for action. This enables up to 90 percent faster defense against cyber threats. The process begins with collecting security-related data from the customer's IT and OT systems, which is securely transmitted to the Security Operations Center (SOC). The core task is alarm assessment and incident

Siemens AG
Communications
Head: Christiane Ribeiro

Werner-von-Siemens-Strasse 1
80333 Munich
Germany

handling: Incoming events are analyzed, classified, and prioritized from false alarms to critical incidents. Based on this, the customer receives specific recommendations for mitigation and resolution. To ensure smart and proactive threat detection, the detection rules are continuously maintained, expanded, and adapted to new threat landscapes.

“Today, energy security is inextricably linked to cybersecurity. This is precisely where we offer our customers crucial support,” said Stephan May, CEO of Electrification and Automation at Siemens Smart Infrastructure. “Our MDR service combines technology with the expertise of our OT specialists. This allows operators of critical infrastructure to focus on their core business while we protect their systems from cyberattacks. This is the only way we can securely advance the digital transformation and help accelerate the energy transition.”

One of the first companies to benefit from this comprehensive protection is Hertener Stadtwerke, a municipal utility in Germany. It is already using the new MDR service to safeguard its operational systems.

“The requirements for cybersecurity, especially for critical infrastructures like ours, are constantly increasing,” said Stefan Burkert, Head of Communications Technology at Hertener Stadtwerke. “The MDR service from Siemens is a crucial building block for us to meet these requirements and protect our critical infrastructure. It helps us comply with regulations and gives us peace of mind knowing that our systems are monitored by experts at all times. It allows us to focus on ensuring a reliable energy supply.”

The MDR service provides the highest level of cybersecurity in accordance with the principles of the Charter of Trust. Siemens thereby helps operators of critical infrastructure worldwide to drive their digital transformation forward in a secure, scalable, and cost-effective manner. Initiated by Siemens, the Charter of Trust calls for binding rules and standards to build trust in cybersecurity and further advance digitalization.

This press release as well as a press picture are available [here](#).

For further information about grid security, please see:

<https://www.siemens.com/en-us/products/grid-security/>

For more information on Siemens Smart Infrastructure, please see [Siemens Smart Infrastructure](#).

Contact for journalists:

Siemens Smart Infrastructure

Nicole Bär

Phone: +41 79 450 50 31; E-mail: nicole.baer@siemens.com

Siemens Smart Infrastructure (SI) is shaping the market for intelligent, adaptive infrastructure for today and the future. It addresses the pressing challenges of urbanization and climate change by connecting energy systems, buildings, and industries. SI provides customers with a comprehensive end-to-end portfolio from a single source – with products, systems, solutions, and services from the point of power generation all the way to consumption. With an increasingly digitalized ecosystem, it helps customers thrive and communities progress while contributing toward protecting the planet. To protect this journey, we foster holistic cybersecurity to ensure secure and reliable operations. Siemens Smart Infrastructure has its global headquarters in Zug, Switzerland. As of September 30, 2025, the business had around 79,400 employees worldwide.

Siemens AG (Berlin and Munich) is a leading technology company focused on industry, infrastructure, mobility, and healthcare. The company's purpose is to create technology to transform the everyday, for everyone. By combining the real and the digital worlds, Siemens empowers customers to accelerate their digital and sustainability transformations, making factories more efficient, cities more livable, and transportation more sustainable. A leader in industrial AI, Siemens leverages its deep domain know-how to apply AI – including generative AI – to real-world applications, making AI accessible and impactful for customers across diverse industries. Siemens also owns a majority stake in the publicly listed company Siemens Healthineers, a leading global medical technology provider pioneering breakthroughs in healthcare. For everyone. Everywhere. Sustainably.

In fiscal 2025, which ended on September 30, 2025, the Siemens Group generated revenue of €78.9 billion and net income of €10.4 billion. As of September 30, 2025, the company employed around 318,000 people worldwide on the basis of continuing operations. Further information is available on the Internet at www.siemens.com.