

Siemens provides unrivalled distribution network transparency with SICAM Enhanced Grid Sensor

- **All-in-one solution for distribution network transparency provides new levels of visibility and control for the most resilient and secure power grids**
- **Unparalleled transparency delivers customers enhanced operational efficiency, improved reliability, and cost savings**
- **SICAM Enhanced Grid Sensor forms part of the Electrification X offering, a key component of the Siemens Xcelerator portfolio**

Siemens Smart Infrastructure has delivered to the market an essential solution for accelerating a successful energy transition - the SICAM Enhanced Grid Sensor (EGS), designed to address the key challenge of distribution network transparency for grid operators. With only 22 percent of citywide smart grids deemed to be mature or advanced according to respondents in the recent Infrastructure Transition Monitor, the new solution will play a pivotal role in digitalizing distribution grids, enabling grid operators to achieve full network transparency.

Part of the Siemens Xcelerator portfolio, an open digital business platform that enables customers to accelerate their digital transformation easier, faster, and at scale, this innovative solution sets a new standard in grid monitoring, providing up to 100 percent transparency of local grid and distribution substations.

“Transparency into the distribution network is vital for enabling the energy transition as it allows for optimized maintenance, efficient resource allocation, minimized downtime, and greater renewable energy generation and integration,” said Stephan

May, CEO of Electrification and Automation at Siemens Smart Infrastructure. “With the SICAM EGS we are entering a new era of network visibility and further equipping our customers with the solutions they need to accelerate the energy transition.”

The SICAM EGS ensures optimized utilization of existing infrastructure by continuously monitoring the network, preventing overloading and ensuring efficient power distribution. As a plug-and-play solution, the enhanced grid sensor provides a cost-effective and straightforward installation process with minimal downtime. Built on proven SICAM A8000 technology, SICAM EGS is an investment in the future, ensuring reliability and longevity, while providing a flexible and easily expandable solution for evolving grid requirements. SICAM EGS also adheres to the highest cybersecurity standards, offering secure updates and protection against cyber threats and goes beyond local network stations, providing connectivity to system connections and enabling cloud-based monitoring and control.

The SICAM EGS is highly versatile, serving various use cases, including power distribution monitoring, asset monitoring for transformers and switchgears, grid connection monitoring for renewable energy sources, and serving as a communication gateway for different networks and protocols. Additionally, as part of the SICAM 8 product platform, SICAM EGS is based on the adapted hardware of the SICAM A8000 CP-8050 controller, ensuring seamless integration into existing systems.

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

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

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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. Siemens Smart Infrastructure has its global headquarters in Zug, Switzerland. As of September 30, 2023, the business had around 75,000 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. Siemens also owns a majority stake in the publicly listed company, Siemens Healthineers, a leading global medical technology provider shaping the future of healthcare.

In fiscal 2023, which ended on September 30, 2023, the Siemens Group generated revenue of €74.9 billion and net income of €8.5 billion. As of September 30, 2023, the company employed around 305,000 people worldwide on the basis of continuing operations. Further information is available on the Internet at www.siemens.com.