

Siemens launches AI-powered service to further drive autonomous building operations

- **New AI-enabled managed service – Asset Performance Advanced – senses issues, decides actions, and continuously improves asset performance**
- **Improves system lifecycle and reliability, reduces costs and enhances workforce productivity across industries**
- **Combines predictive and prescriptive intelligence, AI-enabled workflows and expert guidance to shift from reactive to proactive operations**
- **Integrated within the Building X ecosystem, the service turns insights into action**

Siemens Smart Infrastructure today launched Asset Performance Advanced, a new AI-enabled managed building service. By combining an integrated predictive failure mode classification with advanced fault detection and diagnosis (FDD), the solution helps customers across industries optimize operations, improve energy performance, and enhance occupant comfort. Bringing together predictive intelligence, prescriptive AI, and expert-guided actions, Asset Performance Advanced supports the transition toward human-centric autonomous buildings – enabling them to sense issues, decide actions, and continuously improve performance.

The solution is built on three core capabilities: predictive, prescriptive, and workflow. It identifies root causes of performance issues, recommends high impact actions to address them, and enables automated, optimized execution across teams. Unlike analytics-only solutions, Asset Performance Advanced not only detects issues but also operationalizes response – combining AI-assisted recommendations, standardized resolution playbooks, and integrated workflows that route tasks to the

right teams, supported by Siemens Digital Service Centers. This ensures that insights consistently translate into measurable outcomes.

Asset Performance Advanced is designed for industries where uptime and operational reliability are critical – including healthcare, higher education, and commercial real estate – and is supported by intuitive dashboards and expert-led reporting. Healthcare facilities operating around the clock can detect issues early and maintain compliance in critical environments such as operating rooms and patient care areas. Higher education institutions gain portfolio-wide visibility to proactively manage assets across distributed campuses. Commercial real estate owners can improve comfort consistency, meet energy and ESG targets, and enhance both tenant satisfaction and asset value.

“As buildings become more complex and data-rich, the challenge is no longer visibility but translating insights into meaningful impact. At Siemens, our vision is to create human-centric autonomous buildings that continuously adapt to the needs of their occupants while optimizing performance in the background. With Asset Performance Advanced, we are closing the loop between detection, decision, and execution by combining AI, domain expertise, and service delivery to enable more resilient, responsive, and sustainable building operations,” said Brad Haeberle, SVP of Services at Siemens Smart Infrastructure Buildings.

Traditional reactive maintenance can cost three to five times more than planned or predictive approaches, often leading to emergency repairs, service disruptions, and occupant dissatisfaction. Asset Performance Advanced moves beyond rule- and alarm-based monitoring by prioritizing issues based on their impact on comfort, energy, and uptime. By leveraging advanced analytics to continuously monitor heating, ventilation, and air conditioning (HVAC) systems and building automation devices, the service enables early detection – before alarms are triggered – while helping teams focus on the highest-value actions.

AI-assisted recommendations further extend beyond traditional guidance by determining and initiating optimal workflows. Through standardized resolution playbooks and recurring performance reviews, the service continuously optimizes building portfolios and closes the operational loop – shifting from reactive responses to proactive, outcome-driven decision-making. The service also connects insights

directly to execution through integrated digital workflows delivered via the Siemens Customer Interaction Portal. Issues are automatically prioritized and routed to the appropriate teams – whether in-house or to Siemens Digital Service Centers – enabling customers to act faster and more efficiently with fewer resources.

Asset Performance Advanced further expands Siemens' automation services portfolio and is integrated within the Building X ecosystem. Building X is a digital building platform that supports customers to digitalize, manage, and optimize their building operations.

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

For more information on Asset Performance Advanced, please see [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. 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.