



Khazna Data Centers and Siemens sign MoU to explore next-generation AI data center technologies

Agreement aims at collaboration across AI-ready infrastructure, digital twins, next-generation power architecture, technology testing and Emirati engineering talent development.

Munich, Germany – 15 September, 2026 – Khazna Data Centers, a global leader in critical AI infrastructure, and Siemens have signed a Memorandum of Understanding (MoU) aimed at establishing a technical relationship to advance the infrastructure required for the next generation of AI data centers.

Signed at the UAE-Germany Business Forum in Munich, the agreement sets out a series of specific areas for potential collaboration. From AI-ready infrastructure strategy and technology testing to next-generation power architectures and engineering talent development, the MoU sets out ambitions to prepare the AI infrastructure ecosystem for rapidly evolving requirements.

“Siemens has made important contributions to the technologies that help data center operators manage critical infrastructure efficiently and reliably. That becomes even more important as AI drives significantly denser computing environments and places new demands on power and supporting systems,” said Sultan Alowais, Vice President – International Execution at Khazna Data Centers.

“Through this MoU, we want to combine that technology expertise with the operational and delivery experience we have built at Khazna, looking practically at what the next generation of AI infrastructure will require and how we can prepare for it.”

Through the partnership, Khazna and Siemens will aim to examine emerging technology trends and the implications they could have for the design and operation of future facilities.

The collaboration will explore the use of digital twin technology for AI data centers, with the aim of strengthening the ability to model, understand and optimize increasingly complex infrastructure environments.

The collaboration will also draw upon Siemens’ digital twin expertise spanning simulation, design validation, system integration, commissioning, and operational optimization for data center infrastructure. The companies will continue to progress next-generation 800 VDC power architectures and their potential in AI data centers.

Alongside the technology collaboration, the MoU includes a dedicated Emirati talent development initiative. Under the proposed program, Siemens will sponsor internships in

Germany for nominated Emirati engineers, giving participants exposure to next-generation technologies, engineering practices and data center applications.

Khazna and Siemens will additionally explore opportunities to expand their cooperation internationally, assessing Siemens technologies for potential application across Khazna's rapidly growing international portfolio.

"AI is fundamentally changing the requirements placed on data center infrastructure. Higher compute densities, rapidly growing power demand and increasing system complexity require new approaches to how facilities are designed, powered, and operated," said Helmut von Struve, Chief Executive Officer of Siemens Middle East and UAE.

"By combining Siemens' expertise in electrification, automation and digitalization with Khazna's experience developing and operating large-scale data center infrastructure, we can explore and validate technologies in real-world environments. This collaboration is about turning emerging technologies into practical infrastructure solutions that can support the scale, resilience, and efficiency the next generation of AI data centers will demand."

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About Khazna Data Centers

As one of the fastest growing hyperscale data center platforms globally, Khazna Data Centers enables the growth of artificial intelligence (AI) and digital economies by delivering advanced infrastructure with unparalleled energy efficiency. Khazna is at the forefront of data center technology, pioneering solutions that combine innovation, resiliency, and sustainability. Khazna empowers governments, businesses, and societies to thrive in the digital age with data centers that are designed to handle the high-density computing requirements essential for the next-generation, AI-powered applications powering the future economy.

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. 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.

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