

Hitachi and Mission Critical Group enter strategic partnership to accelerate joint development and global expansion of data center solutions

Leveraging Hitachi's physical AI technologies and Mission Critical Group's strengths in modular power infrastructure to expand the HMAX Data Center portfolio and strengthen end-to-end energy solutions from high-voltage to medium- and low-voltage systems

Tokyo and Frisco, TX., September 16, 2026 - Hitachi, Ltd. ("Hitachi") and Mission Critical Group ("MCG") today announced that they have signed a memorandum of understanding (MoU) establishing a strategic partnership focused on the joint development of solutions to expand Hitachi's HMAX Data Center^{*1} portfolio, as well as the cross-selling of energy solutions and products.

^{*1} Hitachi press release (September 3, 2026)

["Hitachi launches HMAX Data Center, a suite of solutions for integrated data center infrastructure operations"](#)

As demand for data centers continues to grow worldwide, driven by the rapid adoption of artificial intelligence (AI), extended lead times for electrical equipment have become a major bottleneck in data center construction. As a solution, demand is increasing for modular data centers that standardize design, manufacturing, and testing processes in factory environments while reducing on-site construction and commissioning time. The market is growing strongly at an annual rate of about 20%.^{*2}

^{*2} Hitachi's analysis based on industry reports.

MCG has established a strong track record as a dedicated leader in this field, providing power distribution equipment and power modules for data centers, primarily across North America. Hitachi, meanwhile, provides power grids equipment, power distribution equipment, cooling systems, AI infrastructure for data centers and offers HMAX Data Center as part of HMAX by Hitachi, a portfolio of next-generation solutions that leverage AI to transform social infrastructure.

By leveraging their complementary strengths and collaborating primarily in the areas outlined below, Hitachi and MCG aim to accelerate data center deployment, enhance operational performance, and deliver solutions that address rapidly growing market demand while expanding their businesses.

1. Delivery of end-to-end energy solutions spanning high-, medium-, and low- voltage systems

The companies' respective data center businesses offer highly complementary portfolios. Leveraging their global customer bases, they will pursue cross-selling opportunities for products and solutions, as well as jointly develop modular data center projects. In the power infrastructure domain in particular, Hitachi Energy and MCG aim to provide end-to-end energy solutions for data center operators by combining their respective power infrastructure technologies, products, and solutions.

2. Joint development and deployment of solutions for HMAX Data Center portfolio expansion

The two companies will integrate Hitachi's digital technologies, including data collection and AI analytics, into MCG's modular power equipment, enabling seamless connection to digital services immediately upon deployment at data centers. They will also jointly develop solutions for data centers, leveraging MCG's expertise in power distribution and modular power equipment. Planned solution areas include equipment monitoring, AI-powered analytics, predictive maintenance, and optimization of energy management. Through this collaboration, the companies aim to expand and enhance the HMAX Data Center portfolio to improve integrated operational efficiency across data center facilities.

3. Introduction of solutions to advance MCG's modular manufacturing expertise

Through the deployment of digital and automation solutions from the Hitachi Group, including HMAX Industry, the companies aim to improve manufacturing productivity and operational efficiency across MCG's production facilities.

“As we enter the AI era, data centers must evolve to meet new demands as critical social infrastructure. Leveraging our unique strengths across energy, digital technologies, products, and operational expertise, Hitachi is working through HMAX to create a new operating model that optimizes infrastructure across the entire data center from the power grid to IT equipment,” said Jun Taniguchi, Senior Vice President and Executive Officer, CEO of Strategic SIB Business Unit, Hitachi, Ltd. “MCG is an ideal partner, with a broad customer base ranging from hyperscalers to colocation providers, as well as proven expertise and a strong track record in power and distribution systems. Through this partnership, we will combine the strengths of both companies to create new value across the entire data center lifecycle and contribute to the realization of sustainable and resilient social infrastructure that supports the AI era.”

“AI is accelerating the need for data center infrastructure that is faster to deploy, more intelligent and built to perform at scale,” said Jeff Drees, CEO of Mission Critical Group. “By combining Hitachi’s global energy and digital capabilities with MCG’s expertise in modular power solutions and medium- and low-voltage infrastructure, we believe we can accelerate time-to-power while delivering greater visibility, efficiency, and reliability throughout the data center lifecycle.”

About HMAX & Lumada

Trademark Notice: All trademarks and product names are the property of their respective owners.

About Mission Critical Group

Mission Critical Group is a leading provider of comprehensive electrical infrastructure solutions for mission critical facilities, including data centers, manufacturing plants, and energy infrastructure. We design, manufacture, integrate, and service a wide range of electrical equipment, including switchgear, e-Houses, power skids, backup power systems, transformers, and related critical power equipment. Our customers include major technology, manufacturing, healthcare, and energy companies across North America, and we operate more than 18 manufacturing facilities in the United States. For more information, visit missioncriticalgroup.com.

About Hitachi

Through its Social Innovation Business (SIB) that brings together IT, OT (Operational Technology), and products, Hitachi aims to be a global leader in continuously transforming social infrastructure through digital, contributing to a harmonized society where the environment, wellbeing, and economic growth are in balance.

Hitachi operates worldwide across four sectors—Digital Systems & Services, Energy, Mobility, and Connective Industries—as well as a Strategic SIB Business Unit focused on new growth areas. With Lumada at its core, Hitachi creates value by combining data, technology and domain knowledge to solve customer and social challenges.

Revenues for FY2025 (ended March 31, 2026) totaled 10,586.7 billion yen, with 606 consolidated subsidiaries and approximately 290,000 employees worldwide. Visit us at www.hitachi.com.

Business Contacts

HMAX Data Center Contact
hmax-dc@hitachidigital.com