THREE THEMES. ONE FACTORY.

Efficient, Transparent and Secure Factory.

Energy efficiency, data transparency and cybersecurity are key requirements in modern production environments and are increasingly interconnected. At SPS 2026, Mitsubishi Electric will show how these three areas can be integrated at both a technological and an operational level.

Ratingen/Nuremberg, 28 October 2026

Why should energy efficiency, production data and cybersecurity no longer be considered in isolation? Modern production facilities need to meet all three requirements simultaneously. Energy use must match actual demand, existing data must support operation and optimisation, and connected systems must be protected. At SPS 2026, taking place from 24 to 26 November, Mitsubishi Electric will bring these tasks together under the theme **"Three Themes. One Factory."**

Efficient Factory: Taking a system-wide approach to efficiency

Energy efficiency is not determined by a single component. What matters is the interaction between the machine, its drives, operating conditions and actual energy demand. At SPS, the topics on show will range from energy and retrofitting to drive and robotics solutions, as well as energy consumption and peak demand measurement.

Transparent Factory: Making production data usable

Machine status, energy consumption and process data are often held in separate systems. The key is to make this information usable for production and plant operation. GENESIS V11 from Mitsubishi Electric ICONICS Digital Solutions enables centralised data acquisition, visualisation and analysis. MELSOFT Gemini complements this approach with digital models of machines and processes.

Secure Factory: Identifying risks in connected production environments

Increasing connectivity places greater demands on cybersecurity. At the same time, the Cyber Resilience Act (CRA) introduces new regulatory requirements for products with digital elements.

Protecting industrial applications starts with understanding the assets and risks within the operational technology (OT) network. As part of the Secure Factory theme, Nozomi Networks provides capabilities to identify assets and risks and support targeted action. This approach is complemented by OT and IoT security, security assessments and an examination of CRA requirements.

At SPS, Mitsubishi Electric will illustrate how these approaches can be applied in practice through a range of live applications.

Location: SPS, Nuremberg, Hall 6, Stand 348

Further information about the exhibition:

https://de-fa.mitsubishielectric.com/fa/de_en/lp/sps-messe

Images



Image 1: Three Themes. One Factory. At SPS, Mitsubishi Electric will show how energy efficiency, data transparency and security are interconnected.

(Source: Mitsubishi Electric)



Image 2: Three Themes. One Factory. Efficient. Secure. Transparent.

(Source: Mitsubishi Electric)

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About Mitsubishi Electric Corporation

With more than 100 years of experience in developing reliable, high-quality products, Mitsubishi Electric is one of the world's leading companies in the electrical and electronics industry. With more than 200 group companies and approximately 150,000 employees worldwide, the company develops, manufactures and markets products, systems and solutions for a broad range of industries and applications. These include energy and utility infrastructure, defence and space systems, factory automation, automotive equipment, building systems, air conditioning and home appliances, digital innovation, and semiconductors and electronic components. Guided by its corporate statement **"Changes for the Better"**, Mitsubishi Electric aims to contribute to the development of society through technological innovation. In the fiscal year ended 31 March 2026, Mitsubishi Electric recorded consolidated revenue of ¥5,894.7 billion (approximately US$36.8 billion*).

Mitsubishi Electric has had a presence in Germany through its German branch since 1978. Mitsubishi Electric Europe B.V. is a wholly owned subsidiary of Mitsubishi Electric Corporation, headquartered in Tokyo, Japan.

For further information, visit www.MitsubishiElectric.com.

**US dollar amounts are translated from yen at a rate of ¥160 = US$1, the approximate exchange rate on the Tokyo foreign exchange market on 31 March 2026.*

About the Mitsubishi Electric Factory Automation Business Group

Mitsubishi Electric offers a broad range of automation and processing technologies, including controllers, drive products, power distribution and control products, electrical discharge machines, electron beam machines, laser processing machines, computer numerical controls and industrial robots, helping manufacturers improve productivity and quality. Its extensive global service networks also provide direct communication and comprehensive customer support. The global slogan "Automating the World" reflects the company's approach to using automation for the benefit of society by applying advanced technologies, sharing expertise and supporting customers as a trusted partner.

Find out more about the story behind “Automating the World”:
www.MitsubishiElectric.com/fa/about-us/automating-the-world

Mitsubishi Electric Industrial Automation

Mitsubishi Electric Europe B.V., Industrial Automation is headquartered in Ratingen, near Düsseldorf. It is part of Mitsubishi Electric Europe B.V., which has been represented in Germany since 1978 and is a wholly owned subsidiary of Mitsubishi Electric Corporation, Japan. It is responsible for managing Industrial Automation sales, service and support throughout Germany, Austria, Switzerland and the Benelux countries.

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