

MITSUBISHI ELECTRIC INTRODUCES NEW GOT3000 HMI GENERATION

Innovative HMI platform for maximum system integration

Ratingen – November 18, 2025

With the market launch of the new GOT3000, Mitsubishi Electric presents a powerful HMI for the seamless integration of production facilities with the IT level. The HMIs were developed to function as a central operating and information interface in digitized manufacturing environments. They combine high-resolution visualization, simple operation, comprehensive communication capabilities, and IT security in a compact system.

The new GOT3000 HMI enables convenient and transparent access to relevant process data. In addition to the open communication standard OPC UA (client/server), the system supports the real-time capable CC-Link IE TSN network, which enables a consistent and high-performance connection to all Mitsubishi Electric components. This allows the HMI to be seamlessly integrated into existing automation environments and provides a future-proof basis for networked production structures.

For remote access, Mitsubishi Electric relies on a powerful and secure VPN solution. In collaboration with cybersecurity expert Secomea, an encrypted, reliable, and user-friendly remote connection is provided, offering users maximum connectivity and the highest security standards.

Thanks to USB, direct connection of network cameras, and HDMI output, the HMI becomes a multimedia access point for machine operation, visualization, and system monitoring. The devices are therefore suitable

both for the machine level and as a gateway to higher-level systems such as MES or cloud platforms.

With GOT-Mobile, GOT3000 offers the option of making HMI pages and information available to other end devices. With the new integrated NFC tag feature, a mobile device can access GOT-Mobile pages directly. This is particularly helpful during commissioning or maintenance work, as important information for larger systems can be displayed directly on site.

Efficient engineering and seamless system integration

A key feature of the new series is its consistent user-friendliness. Existing projects from the previous GOT series can be transferred without any major adjustments. The familiar engineering tools and proven development environment enable a quick start. New features such as dynamic screen animations and precise multi-touch operation provide a modern look and feel – combined with the robustness required for continuous industrial use.

In cooperation with the new MX controller from Mitsubishi Electric, the integrated all-in-one platform for motion and sequence control, communication between the HMI and the controller can be further optimized. This combination reduces interfaces, speeds up project planning, and improves system performance. In addition, existing controllers and networks—including older protocols—continue to be supported, ensuring investment protection and flexibility.

Visual precision for maximum process reliability

The new display in the GOT3000 series displays up to 16 million colors and impresses with its excellent image sharpness and brightness. The capacitive touchscreen with a robust glass surface allows intuitive

operation with common gestures such as swiping, zooming, and tapping. Live video streams can be integrated for realistic process visualization. Connected network cameras allow process areas to be visually monitored, recorded, and evaluated. The simultaneous display of live images and recordings greatly facilitates error analysis and shortens response times in the event of a malfunction.

This makes the GOT3000 HMI not only an input station, but also a fully-fledged analysis tool during operation – especially in complex applications with high requirements for availability and transparency.

An HMI for a wide range of applications

The GOT3000 series is designed for demanding industries such as automotive manufacturing, semiconductor production, the pharmaceutical industry, and materials logistics. Thanks to its compact design, broad communication support, and high screen quality, it is suitable for both classic machine operation and demanding monitoring and integration tasks.

Images:



Image 1: New GOT3000 multi-touch HMI from Mitsubishi Electric with high-resolution display, OPC UA, web access, and versatile interfaces for

networked and flexible manufacturing systems.

[Source: Mitsubishi Electric Europe]



Image 2: With its integrated OPC UA server, the GOT3000 serves as a gateway and enables data integration between IT and OT systems.
[Source: Mitsubishi Electric Europe]

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For **more information** on Mitsubishi Electric's GOT3000 solutions, please visit:

[HMI for mechanical engineering – GOT3000 series from Mitsubishi Electric](#)

Introductory video: <https://youtu.be/7645EGBi7vg?si=blz3JgUwrc-vBDvj>

About Mitsubishi Electric Corporation

With more than 100 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation (TOKYO: 6503) is a globally recognized leader in the manufacture, marketing, and sale of electrical and electronic equipment for information processing and communications, space exploration and satellite communications, consumer electronics, industrial technology, energy, transportation, and building technology. Mitsubishi Electric enriches society with technology in line with its motto, "Changes for the Better." The company achieved sales of 5,521.7 billion yen (US\$36.8 billion*) in the fiscal year ending March 31, 2025. For more information, visit www.MitsubishiElectric.com

*US dollar amounts have been converted at the rate of 150 yen = 1 US dollar, the approximate rate on the Tokyo foreign exchange market on March 31, 2025.

About Mitsubishi Electric Factory Automation Business Group

With a wide 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, Mitsubishi Electric contributes to higher productivity and quality in manufacturing. In addition, its extensive global service network provides customers with direct communication and comprehensive support. The global slogan "Automating the World" illustrates 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.

For more information on the history behind "Automating the World," visit: www.MitsubishiElectric.com/fa/about-us/automating-the-world

Factory Automation EMEA

Mitsubishi Electric Europe B.V., Factory Automation EMEA has its European headquarters in Ratingen near Düsseldorf. The company 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. Factory Automation EMEA is responsible for managing sales, service, and support through its network of local offices and sales partners throughout the EMEA region.

For more information, visit emea.mitsubishielectric.com/fa

About e-F@ctory

e-F@ctory is Mitsubishi Electric's integrated concept for building reliable and flexible manufacturing systems that enable users to achieve many of their goals in the area of fast, information-driven manufacturing. Through the e-F@ctory Alliance partner solution and collaboration with open network associations such as the CC-Link Partners Association (CLPA), users can build comprehensive solutions based on a broad "best-in-class" principle.

In summary, e-F@ctory and the e-F@ctory Alliance enable customers to achieve integrated manufacturing while retaining the ability to select the optimal suppliers and solutions.

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