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# Mitsubishi Electric launches next-generation GOT3000 HMI

**Mitsubishi Electric has announced the global launch of its GOT3000 Human-Machine Interface (HMI), which is designed to support the manufacturing sector's accelerating digital transformation (DX) with powerful new capabilities that enhance connectivity, usability, and system integration.**

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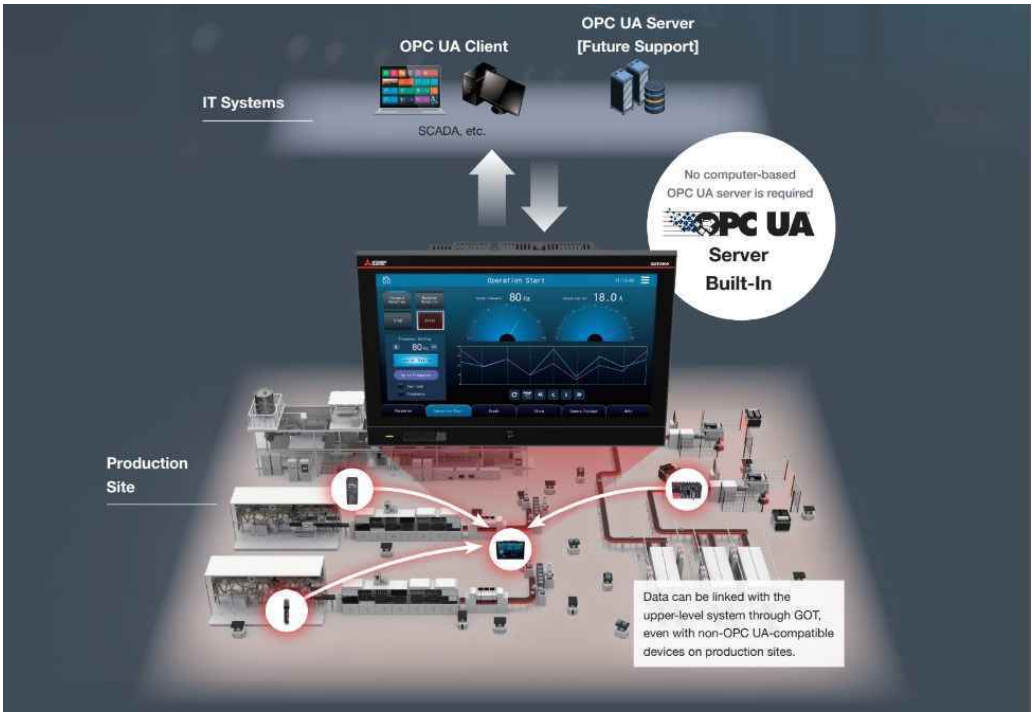
As manufacturing businesses pursue greater efficiency, real-time visibility, and smarter automation, the requirements placed on HMI devices have grown significantly. In response, Mitsubishi Electric has built on its extensive experience in the sector and engineered the GOT3000 to act not only as a machine interface but as a secure gateway between factory equipment and higher-level IT systems. This allows users to unlock new value from production data while preserving the ease of use and reliability they expect from Mitsubishi Electric.

## Built for connectivity in the era of DX

The GOT3000's role extends far beyond screen interaction. By supporting international standards for industrial communication, such as OPC UA Client[*1] and OPC-UA Server and Cloud, it enables seamless integration with higher-level information systems and a wide range of factory automation (FA) devices.

The device also includes a built-in web browser, allowing users to configure and monitor equipment without a PC, and supports advanced communication features such as NFC contactless tag reading and USB-C connectivity. It also offers USB camera connectivity and built-in HDMI output, and is designed to support network camera[*2] connectivity in the future, further expanding its capabilities for real-time monitoring and system integration.

Secure remote access is enabled through encrypted communication, data encryption, and built-in VPN capabilities, making it easy to manage multiple devices from a central location via the cloud. This ensures that the GOT3000 is ready to help enable remote maintenance, predictive monitoring, and other key DX initiatives.




*With the built-in OPC UA server, GOT3000 serves as a gateway, enabling data integration between IT and OT systems.*

**Engineering with ease**

While the GOT3000 introduces a host of powerful new capabilities, it continues to prioritize ease of use with engineering tools and workflows that will feel instantly familiar to existing GOT users. The platform retains the intuitive screen design environment that engineers rely on, now enhanced with improved functionality to accelerate interface development and customization.

Compatibility with Mitsubishi Electric's new MX Controller, the all-in-one high spec motion and digital control platform, allows for even greater system integration, streamlining communication between HMI and controller and reducing engineering overhead. This support for a wide variety of connectivity standards, including the CC-Link IE TSN industrial network, and legacy systems ensures that the GOT3000 can fit smoothly into a broad range of production environments.

**Smarter, smoother, sharper**

At the heart of the GOT3000 is a newly developed high-definition display, capable of rendering up to 16 million colors in impressive detail. This vivid visual clarity is paired with a capacitive multi-touch touchscreen (PCAP), enabling precise, responsive control with familiar gestures such as swiping, pinching, and tapping, enhancing operator comfort and reducing the possibility of input errors.

The interface also supports dynamic frame animations, providing smoother transitions and more engaging screen navigation, while live video display via camera connection allows real-time visual monitoring of

processes. Video can be recorded and displayed live. In the event of a malfunction, users can simultaneously view both the recorded footage and the current live feed to investigate the root cause, enabling quicker recovery from issues.

**A milestone release from a trusted automation leader**

Available globally from September 2025, the GOT3000 is set to become a central component for smart factories of the future. Designed for demanding industries such as automotive, semiconductor, material handling, and pharmaceuticals, it enables manufacturers to take the next step in their digital journey with confidence.

“With the GOT3000, we’re enabling customers to advance their digital transformation with confidence, combining advanced performance with trusted engineering to drive the next generation of smart production,” said Go Wakamatsu, General Manager, HMI System Dept. at Mitsubishi Electric.

“Built on over 12 years of HMI design expertise and informed by feedback from thousands of users, the GOT3000 not only reflects our long legacy of successful HMI developments, but delivers what customers need for smarter, more efficient manufacturing.”

**1 As for OPC UA, server functionality is supported as standard, while client functionality will be supported in the future.*

**2 Network camera connectivity will be supported in the future.*

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*Originally (initially) released in English*

For more information about Mitsubishi Electric's GOT3000 solutions please see the following:

Introductory video: https://youtu.be/7645EGBi7vg?si=bIz3JgUwrc-vBDvj

More about GOT3000 Human-Machine Interface (HMI):

https://www.mitsubishielectric.com/fa/products/hmi/got/items/got3000/index.html

**The Art of Manufacturing**
**monozukuri**

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