

MELIPC MI5000: The All-in-One Industrial Edge Solution for Smarter Control and Maintenance



MELIPC MI5000: THE ALL-IN-ONE INDUSTRIAL EDGE SOLUTION

Key Features:

- **Dual OS Integration:** Simultaneously runs VxWorks® for real-time device control and Windows® for data analysis, streamlining operations and reducing system costs.
- **Mitsubishi Electric Seamless Data Exchange:** Facilitates easy data sharing between operating systems via shared memory and folders.
- **Mitsubishi Electric Robust Network Communication:** Utilizes CC-Link IE Field Network for 1 ms device control and high-speed data collection, enhancing production accuracy.
- **Mitsubishi Electric Simplified Programming:** Offers APIs for both Windows® and VxWorks®, and supports C Controller functions, enabling efficient programming and reuse of existing assets.
- **Durable Hardware Design:** Built with the reliability of MELSEC programmable controllers, ensuring long-term operation in various environments with easy maintenance.

In modern manufacturing, seamless integration between real-time control and advanced analytics is no longer a luxury—it's a necessity. The **MELIPC MI5000** from Mitsubishi Electric delivers exactly that. Designed for next-generation factories, this industrial edge computing solution combines precise device control with intelligent data processing in a single unit.

Dual Power, One Platform

The MI5000 is built to handle demanding factory environments with versatility and stability:

- **Dual Operating Systems:** Run VxWorks® for deterministic control and Windows® for data visualization and analysis—simultaneously.
- **Seamless Inter-OS Data Sharing:** Exchange data between systems through shared memory and folders.
- **Industrial-Grade Networking:** Leverage CC-Link IE Field Network for 1 ms control cycles and high-speed, synchronized data acquisition.
- **Developer-Friendly:** Take advantage of APIs and support for Mitsubishi Electric's C Controller functions to streamline development and maintenance workflows.
- **Long-Life Hardware:** Engineered with MELSEC quality, ensuring robust operation and easy servicing over time.

When combined with Mitsubishi Electric's **Total Maintenance Solution**, the MI5000 enhances your ability to:

- Monitor equipment status in real-time
- Predict and prevent failures
- Improve operational stability
- Reduce manual effort and unplanned downtime
- Transfer expert maintenance knowledge through data-driven insights

Whether your goal is continuous operation, improved efficiency, or smarter asset management, **MELIPC MI5000** is the edge solution that brings your vision into reality.

 [Explore the Total Maintenance Solution](#)

MITSUBISHI ELECTRIC INDONESIA



www.mitsubishielectric.com/fa/id

www.mitsubishielectric.co.id

Follow us



Factory Automation and Industrial Division

Branch Office

Jl. Kenari Raya Blok G2-07A, Delta Silicon 5,
Lippo Cikarang - Bekasi 17550, Indonesia
Phone: +62-21 29617797

Head Office

Gedung Jaya 8th floor, JL.MH. Thamrin No.12
Jakarta Pusat 10340, Indonesia
Phone: +62-21 31926461