

# Minimum cost, risk, and impact to your process

## Foxboro 100 Series Fieldbus Module Upgrade



### Product at a glance

True to Schneider Electric's Continuously Current philosophy, the 100 Series Fieldbus Module (FBM) Upgrade Solution preserves existing investments and provides an upgrade path to the latest platform with minimum cost, risk, and process impact to operations. Take advantage of the latest Foxboro Evo™ technology in a cost effective approach for:

- Improved performance
- Improved reliability
- Cybersecurity enhancements
- Maximized system lifecycle

### Future proof controls

Since 1987, the Foxboro® control technology has kept a Continuously Current<sup>SM</sup> promise to its users: as technology and your needs evolve so will your Foxboro system. Today, the Foxboro Evo control system is continuously infused with the latest technologies, and committed to maintaining interoperability with previous generations. This assures easy upgrades and significantly reduces total cost of ownership. Modernizations can often be high cost, high risk projects with significant impact to production — serious factors that users can't afford in today's economy. The 100 Series FBM Upgrade program is another example of the Schneider Electric Continuously Current philosophy, providing a cost-effective upgrade path to the Foxboro Evo system's latest fieldbus modules — the 200 Series FBM product line.

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### A simple approach that preserves your existing investment

The Foxboro 100 Series FBM Upgrade solution enables you to upgrade to the latest technology while minimizing the cost, risk and process impact typical of system upgrades. Our approach significantly reduces downtime by preserving your existing infrastructure and field wiring. Your intellectual property is protected with the reuse of process displays and control configuration.

100 Series FBM Upgrade Solution provides:

- Minimum downtime — reduced to hours vs. weeks
- 40 percent cost savings — No rewiring necessary
- Minimal configuration efforts — retain 99 percent control blocks, 100 percent process graphics
- Foxboro expertise — in-house know-how of service, delivery and engineering teams



### The 100 Series FBM upgrade approach

**Fast and easy installation** — We've designed new 200 Series FBM rack-mounted inserts to plug-in directly to your existing 100 Series cells. Field wiring is retained and communicates to the 200 Series FBMs via new termination assembly adapters (TAAs) and your existing nosecones. Much of your existing infrastructure is retained, including field wiring, with no extra footprint needed.

#### Hardware conversion in a few, simple steps:

1. Disconnect nosecones from FBMs
2. Remove 100 Series FBMs
3. Disconnect and remove 100 Series FBM mounting structures
4. Insert new 200 Series FBM rack mounted inserts into same location
5. Plug in standard 200 Series FBMs
6. Plug-in term assembly adapters (TAAs)
7. Replace nosecones

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## Foxboro 100 Series Fieldbus Module upgrade

### The benefits of new technology

#### Improved performance and lifecycle management

The 100 Series FBM product line has served as a reliable and rugged I/O sub-system to the Foxboro installed base for over 30 years. While we continue to support our 100 Series FBM users, the 200 Series FBM product line is our preferred I/O subsystem, featuring a longer product lifecycle and offering greater capabilities than its 100 Series FBM predecessor. As a Foxboro controls system user, the 100 Series FBM Upgrade approach provides you with a cost-effective path to our latest technology to improve your operations.

#### Take advantage of the latest that the Foxboro Evo system has to offer:

- 200 Series FBMs — improved diagnostics, predictive maintenance capabilities and increased reliability
- 1 GB self-healing mesh network — increased performance, capacity, and availability
- Faster, more powerful and fault-tolerant controllers — triple the block processing speeds, twice the capacity
- Cybersecure enhanced system — protection against cybersecurity vulnerabilities and compliance with industry standards (NERC, FERC, CIP)
- Enterprise control — with the latest Foxboro Evo system platform, take advantage of complete integration of your enterprise for better business decisions and improved profitability

In addition to our fast and easy plug-in approach, Schneider Electric offers innovative discounts and flexible funding options for our upgrade customers through Customer FIRST and Performance Advantage Programs. Call your service or sales representative today to discuss your upgrade plan.

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