

Industrial Solutions

Power, Drive & Automation Solutions

AMI Automation is a global leader in automation and control solutions. We specialize in designing, manufacturing, and implementing innovative technologies to enhance process safety and efficiency across industries such as steel, mining, cement, pulp& paper, and power generation.

Industrial Solutions

Designing, manufacturing, and integrating advanced drive systems, power conversion technologies, and automation solutions for heavy industry. We combine proprietary technologies, deep process expertise, and vertically integrated engineering capabilities to deliver innovative, fit-for-purpose solutions that maximize reliability, productivity, energy efficiency, and safety in the world's most demanding industrial environments.

Products

Power Conversion

Built for high-power industrial environments where reliability, efficiency, and modernization are essential, these solutions support both new installations and control system upgrades. From Static VAR Compensation and rectifier systems to digital drive upgrades, cycloconverter controls, and LCI systems. Our solutions help extend equipment life, improve diagnostics, preserve existing equipment, and optimize power performance.



AMI DIGILCI* SYSTEM



AMI DIGIFCR* SVC SYSTEM

Drives Systems

Complete drive system solutions provided as both an OEM and systems integrator. From concept and engineering to manufacturing, integration, commissioning, and long-term support, customized solutions are delivered for a wide range of industrial applications. Expertise spans GE legacy drive systems, modernization, retrofit programs, and state-of-the-art drive technologies, enabling customers to enhance productivity, reliability, and operational efficiency while extending the life of critical assets.

Synchronous Machines Excitation Systems

Reliable digital excitation control is essential for synchronous motors and generators operating in critical industrial applications. This product line supports brush-type, brushless, AC, DC, and dual-motor configurations, managing start-up sequences, monitoring electrical signals and currents in real time, and enhancing equipment protection, stability, and performance.



AMI ENGINEER ON SITE



HOT STEEL BILLET

Automation & Control

Designed to improve process stability, precision, and productivity, these solutions combine advanced control systems, real-time monitoring, and seamless integration with existing automation platforms. The portfolio includes technologies for rolling mills, gauge control, process quality monitoring, and fluid transport optimization, supporting safer, smarter, and more efficient plant performance.

Services

Industrial Solutions supports customers throughout the entire lifecycle of their equipment and systems. Our comprehensive service portfolio helps maximize reliability, extend asset life, and maintain operational continuity through expert technical support, engineering, maintenance, repairs, training, and consulting services tailored to industrial applications.

- ▶ **Engineering Services:** Application-focused engineering support for system integration, equipment installation, upgrades, commissioning, troubleshooting, and performance optimization.
- ▶ **Post-Sales:** Dedicated post-sales support to ensure successful implementation and long-term performance.
- ▶ **Repairs:** Fast and reliable repair services for a wide range of industrial electronic equipment.
- ▶ **Spares:** Rapid access to high-quality spare parts and replacement modules.
- ▶ **Consulting:** Strategic technical consulting helps identify opportunities, solve complex challenges, and develop innovative solutions that improve operational and business performance.
- ▶ **Research & Design:** Custom industrial electronic product development, including power electronics, multilayer PCB design, embedded software, prototyping, manufacturing, and turnkey solutions.
- ▶ **Technical Support & Preventive Maintenance:** 24/7 technical support and preventive maintenance programs designed to maximize system availability, reduce downtime, and extend equipment life.
- ▶ **Training:** Customized training programs tailored to your equipment, applications, and operational requirements, helping teams improve efficiency, and technical expertise.



AMI ENGINEER ON SITE

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