



حلول خط الطاقة

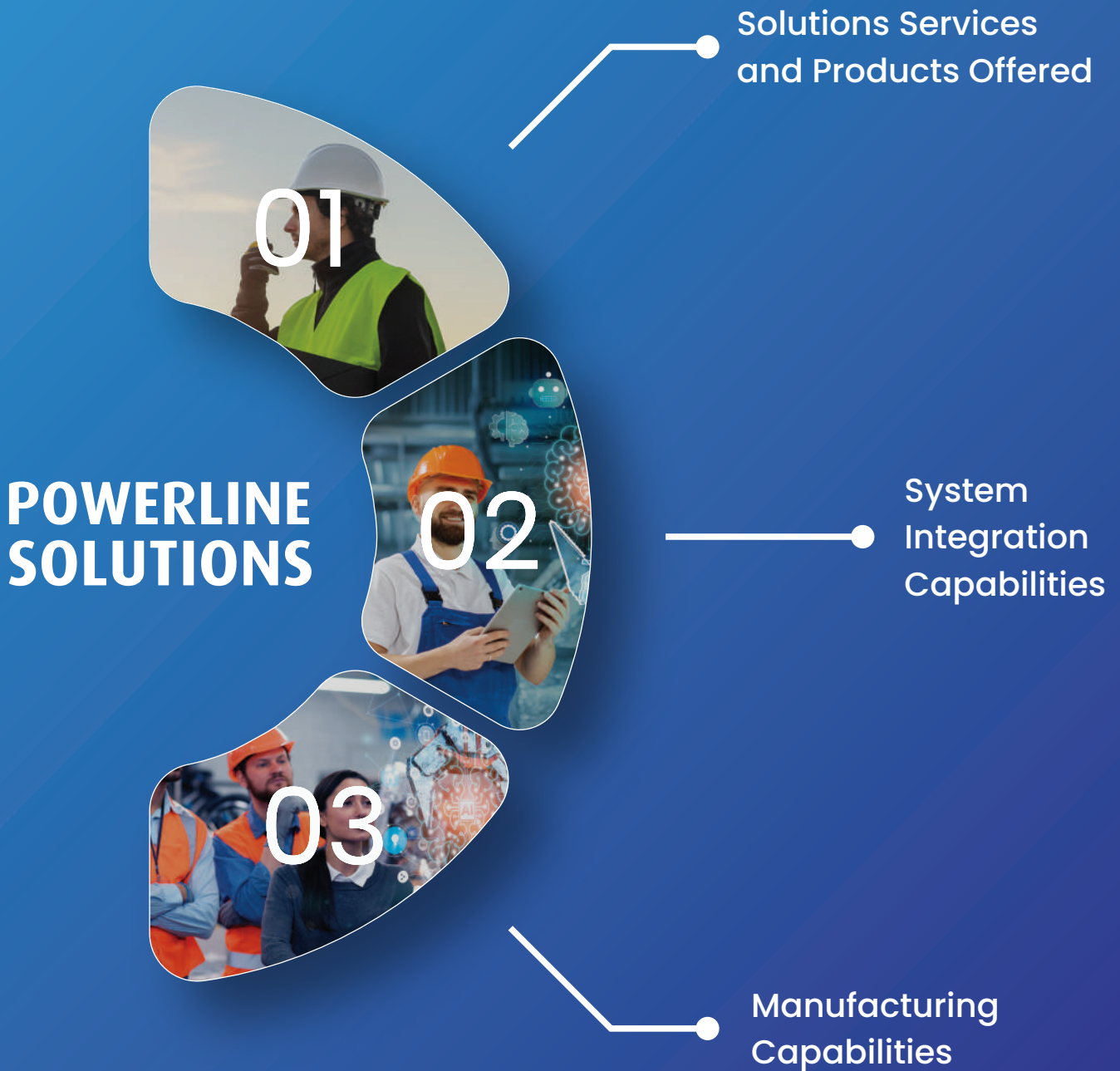
POWERLINE SOLUTIONS

**INDUSTRIAL DRIVES
& AUTOMATION BUSINESS UNIT**

www.powerlinesolutions.com

Commencing its journey in 2007, Powerline Solutions has set the standard for excellence in niche industrial segments, leveraging our expertise and in-depth knowledge. With a proven track record spanning almost two decades in the Saudi Arabian market, we have successfully completed several projects in core industrial segments, with the majority characterized by their challenging nature.

At **Powerline Solutions**, we are founded on the principles of leadership and impeccable commitment to our values, which form the bedrock of our operations. Our core values include Ethics, Safety, Quality, Environmental Integrity, Rigorous Training & Employee Welfare.



Solutions Services and Products Offered:



▴ EPC Projects

▴ Supply of Specialized Equipment & Solutions: We provide a comprehensive range of

- Mechanical Equipment
- Power Transformers
- Switchgears & Protection Upgradation
- Health care systems equipment & solutions.
- Electrical equipment & Solutions
- Power Quality devices & Solutions
- Instrumentation Devices & Solutions
- Power Backup Solutions

▴ Expert Service Team: Our highly competent & factory trained service team is equipped to handle any challenges in

- Static & rotating Mechanical Equipment
- Power Transformers
- Industrial Backup Power Systems
- Instrumentation & Control Systems
- Power System Protection
- Industrial Drives
- Power Quality Services
- Health Care Systems

System Integration Capabilities:



- Analyzer shelter & sample handling systems.
- Containerized Emergency Power Backup Solutions.
- Containerized Modular RO Packages & Modular Sewage Treatment Plants
- Modular Engineering packages for process cooling systems, chillers & chemical dosing skids.

Manufacturing Capabilities:



- All types of gas detectors, flame detectors, alarms & controllers.
- Critical control valves for industries such as Oil and Gas, Petrochemicals, Power, Water, Wastewater, Submarine & Cryogenic applications.
- Electrical Panel enclosures & special application switchgear components.
- Diverse range of polymer & rubber products.

Partner with Powerline Solutions for impeccable commitment, unparalleled expertise, reliability, & innovation in industrial solutions & services. Let us empower your success.



The Industrial Automation and Drives Business Unit is dedicated to providing innovative and comprehensive solutions to enhance productivity, efficiency, and safety in industrial operations. By integrating advanced technologies, we enable our clients to optimize their manufacturing processes, reduce operational costs, and stay competitive in a rapidly evolving market.

What We Offer

Industrial Automation

- **Programmable Logic Controllers (PLCs):**
Robust and scalable PLCs for precise control and automation of machinery.



- **Human-Machine Interfaces (HMIs):**
User-friendly HMIs for real-time monitoring and control of industrial processes.
- **Supervisory Control and Data Acquisition (SCADA) Systems:**
Advanced SCADA systems for centralized data collection, monitoring & analysis.
- **Auto Transfer Switches (ATS):**
ATS solutions guarantee minimal disruption & maximum uptime for your business.
- **Generator Synchronization:**
This Solutions enables seamless transfer of load between generators & the utility grid.
- **Customized Control Cabinets:**
Tailored solutions that integrate control and automation systems into a single, efficient, and user-friendly package, enhancing the overall operational efficiency of your facility.

Drive Technologies

- **Variable Frequency Drives (VFDs):**
Efficient VFDs for precise motor speed control, enhancing energy savings and process control.
- **Soft Starters:**
Reliable soft starters to reduce mechanical stress and extend the lifespan of motors.

Our **comprehensive services** in Automation & Drives are designed to support the entire lifecycle of your automation systems & drive technologies. From initial consultation and design to installation, maintenance & optimization, our services ensure that your systems operate efficiently, reliably, & safely.

Services Sector

Consultation and Design

- **Needs Assessment:** In-depth analysis of a client's operational requirements and challenges to determine the most suitable automation solutions.
- **Feasibility Studies:** Evaluation of the technical and economic feasibility of proposed automation projects.
- **Custom Design:** Development of tailored automation solutions, including system architecture, hardware, and software design.

Procurement

- **Effective procurement** ensures that high-quality components are sourced at competitive prices and delivered on time, contributing to the overall success and efficiency of automation projects.

Installation and Commissioning

- **Project Planning:** Detailed planning and scheduling of the installation process to minimize disruption and downtime.
- **Installation:** Professional installation of automation equipment, ensuring compliance with industry standards and regulations.
- **System Integration:** Seamless integration of new automation systems with existing infrastructure.
- **Commissioning:** Comprehensive testing and commissioning to verify system functionality and performance.

Maintenance and support

- Regular periodic maintenance services to keep automation systems in optimal condition and prevent unexpected breakdowns.
- **24/7 Technical Support:** Around-the-clock support to address any issues promptly and minimize downtime.

System Upgrades and Modernization

- **Technology Upgrades:** Upgrading existing automation systems with the latest Technologies to enhance performance and capabilities.

- **Retrofits:** Retrofitting older equipment with new automation components to extend their lifespan and improve efficiency.
- **Performance Analysis:** Using advanced analytics to monitor and improve the performance of automation systems.
- **Cybersecurity – Threat Protection:** Advanced security measures to protect industrial control systems from cyber threats.

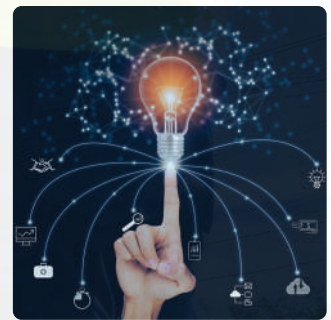
Why Choose Us?

Expertise and Experience

Industry Leaders: We have a proven track record of delivering successful automation and drive solutions across various industries, making us a trusted partner.

Technical Expertise: Our team of highly skilled engineers and technicians possess deep knowledge and expertise in the latest automation technologies and drive systems.

Innovation: We stay ahead of the curve by continuously adopting the latest advancements in automation and drives, ensuring that our clients benefit from cutting-edge solutions.



Comprehensive Solutions

End-to-End Services: From consultation and design to installation, maintenance, and optimization, we provide comprehensive services that cover the entire lifecycle of your systems.

Customized Solutions: We understand that every business is unique, and we tailor our solutions to meet your specific operational needs and challenges.

Quality Assurance: We adhere to the highest standards of quality and safety, ensuring that our solutions are reliable, efficient, and compliant with industry regulations.

Customer-Centric Approach

Client Focus: Our primary goal is to meet and exceed our clients' expectations. We work closely with you to understand your requirements and deliver solutions that drive success.

24/7 Support: Our dedicated support team is available around the clock to address any issues promptly, minimizing downtime and ensuring uninterrupted operations.

Global Reach with Local Presence

Global Experience: With experience serving clients worldwide, we bring a global perspective and best practices to every project.

Local Support: We provide localized support to ensure timely and efficient service, understanding the unique requirements.

Our comprehensive services in Automation and Drives are designed to ensure that your systems operate at peak efficiency and reliability throughout their lifecycle. By partnering with us, you can achieve greater control over your operations, reduce costs, and improve product quality, positioning your business for long-term success.



thomasmammachen@powerlinesolutions.com 

+966 138 303 611 | + 966 50 535 7382 

P.O.Box : 6329, Dammam 32241
Dr. Sheikh Al-Ard Building | 1st Street, Ar-Rabea SAUDI ARABIA 

www.powerlinesolutions.com 

