

Quantum Controls

AUTOMATION & DRIVE SPECIALIST



COMPANY PROFILE



INTRODUCTION

Quantum Controls Sdn Bhd is a solution provider with experience in various industry verticals. Quantum Controls is involved in Engineering, Industrial IT, Instrumentation, Process & Discrete automation projects and Fabrications.

Quantum Controls help clients assess their needs, Engineer and Implement the right technology from today's industry leading providers of Hardware, Software, Tools, and other enabling technologies. This assures a custom-built solution that not only integrates with existing process and multi-vendor environments, but also provides a growth path to the future.

Quantum Controls has committed and customer oriented team to deliver. With last technology and involved project management, we have been able to complete each other and every project, even the most complicated ones to the satisfaction of our customer.

Our Vision

"To be a global engineering company most admired for its people, integrity, commitment & excellence"

Our Mission

"To provide reliable and best of industrial project services and solutions, with innovative engineering, honest pricing and building long term relationship through customer satisfaction"

Our Services



Control & Automation

This division of Quantum Controls expertise in industrial automation and process automation solutions. Large number of projects with various complexities has been executed. We build control and MCC panels and develop software for the automation components. The expertise available with this division is:

- ❖ Panel and MCC Panel Assembly
- ❖ Electrical design and development using auto cad tools.
- ❖ Integrated Automation (PLC) software and HML software.
- ❖ Supervisory controls and data acquisition system (SCADA)
- ❖ Remote and distributed IO system
- ❖ Distributed control systems (DCS)
Hardware and Software redundancy
failsafe systems
- ❖ Bus bar distribution systems
- ❖ Non compartmentalized MCC Panels
- ❖ Networking by various protocols such as Profibus, Industrial ethernet, Modbus, Can bus, USS etc
- ❖ Transmission technologies such as optical and wireless
- ❖ Application of drives - AC, DC, Servo for control, positioning etc
- ❖ PC based automation with associated hardware and protocols
- ❖ PC software assisted automation with Visual Studios ASP and HTML
- ❖ OPC Services and clients
- ❖ Database handling and Reporting

Our Services



Engineering Design

Through our experiences in the various Engineering and Management disciplines across varied industries we have created an arm to deal with the specific need of today's industry - Engineering Services Outsourcing. The range of services which can be outsourced to us in the various disciplines are:

- ❖ Drafting
- ❖ Electrical and Instrumentation Engineering
- ❖ Control System and Automation Engineering
- ❖ Reverse Engineering

This division has been created to address the varying needs of our customers, usually reputed consultants who require short term resources on specific projects to address their overall goals.

Our Services



BUSINESS

Business @ Quantum Controls

The following services are provided to our process plant clients:

- ❖ Consulting
- ❖ Master Planning
- ❖ Preliminary and Detailed Engineering
- ❖ Manufacturing
- ❖ Procurement
- ❖ Construction and Construction Management
- ❖ Project Management
- ❖ Commissioning
- ❖ Qualification
- ❖ Validation
- ❖ Maintenance Support

Domains



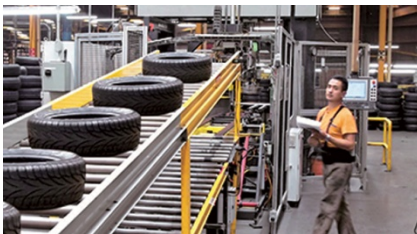
Building



Oil & Gas



HVAC



Tyre



Wool



Palm Oil



Steel

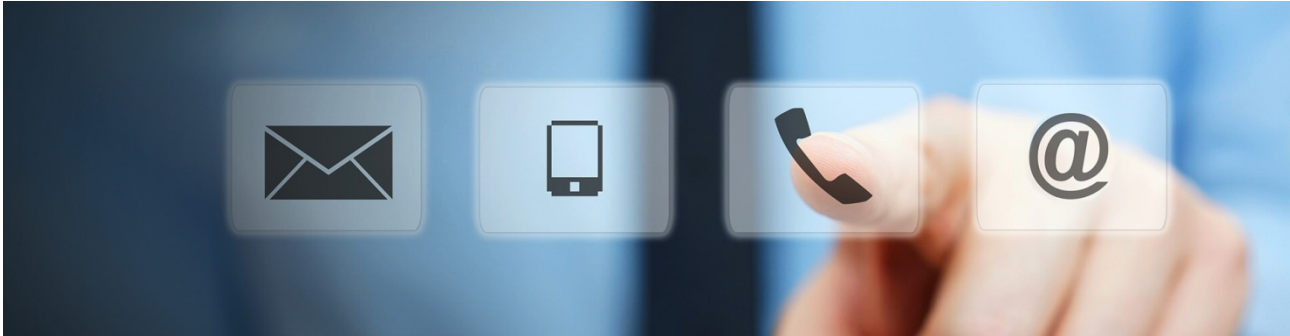


Food & Beverages



Refinery

Contact Details



QUANTUM CONTROLS SDN. BHD.

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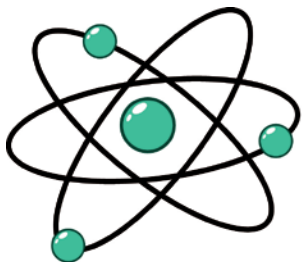
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