

# Robotic System Automation

We, as a robot integrator, will guide you through the automation process. We can carry out a complete installation or if you prefer to carry out some of the work to reduce cost, we will be more than happy to supervise the in-house works.. Our experience within a vast range of different industries will provide expert robot integrator solutions for your company.

We work with all the most well known industrial robot manufactures. Together we can provide proven robot system integration solutions for all your processes.



Robots are used in a variety of ways throughout manufacturing and distribution.

- Robotic Milling
- Robotic welding
- Robotic Material Handling
- Robotic Trimming
- Robotic Cutting

If you want to deliver on the robotic promise of reducing costs while improving margins and productivity, with our consulting services, we aim to help our customers reduce 60% of the costs of manual production processes. Contact us for more information.

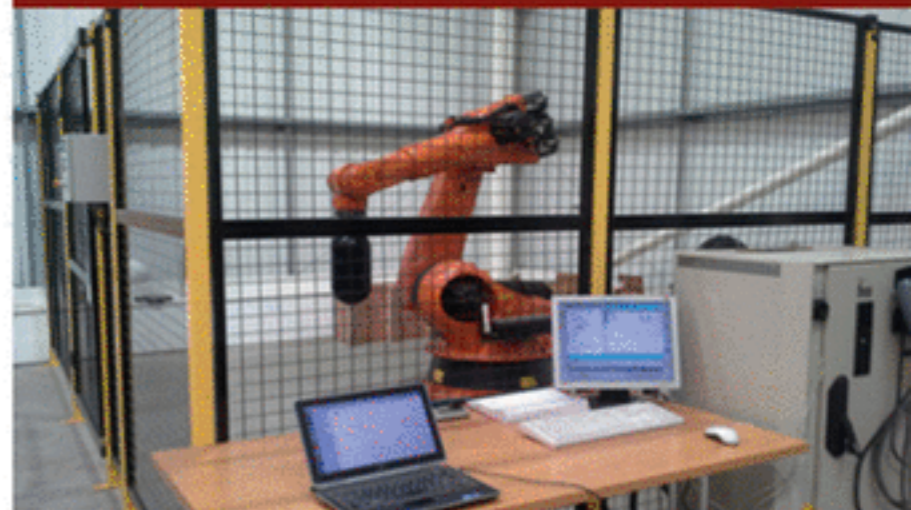


Phoenix Control Systems Limited



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## Product / Service Information



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Industrial Control Systems &  
Robotic Automation

# INDUSTRIAL CONTROL SYSTEMS & AUTOMATION



Whether your needs are for an individual discipline or a full turnkey project, Phoenix offers a complete range of control system engineering services.

We can deliver the complete control system solution from design and manufacture through to installation and commissioning. Alternatively, we can offer our engineering expertise to complement your existing team. Some of our services include:

- Customer Liaison
- Functional Design Specifications
- Test Specifications
- Timing & Coordination Programmes
- Health & Safety
- Project Financial Forecasting
- Electrical Drawings & Installation
- Control Panel and Enclosure Layouts
- Component Selection and Parts Lists
- Cable Overviews and Schedules
- Design Risk Assessments
- Functional Design Specifications
- Site Supervision Network Installation
- Standby Support Off/On-site Training Product Documentation
- Customer Support

## Robotic Services

Whether your company is considering new industrial robots for the first time or looking to expand your current robotic systems, Phoenix provides low-cost, new or refurbished and tested robots for every need. It's important to choose the best technology that will meet the current and future needs.

1. New Robot
2. Used Robot
3. Robot cell design and Industrial robot programming
4. Robot Training
5. Preventive Maintenance
6. Robot Repair

## Control Systems

We can offer our engineering expertise to complement your existing team.

**Electrical Design** - Phoenix Control offer a complete electrical design service using both EPlan and Xelec software packages.

**Electrical Installation** - Our company is a certified contractor on the register of the National Inspection Council for Electrical Installation Contracting and we consider this certificate to be recognition of our high standards of Electrical Installation.



**Control Panel Manufacture** - We design and manufacture safe control systems, and this is shown in our ability to offer the highest quality product with the shortest possible delivery time.

**PLC/HMI/SCADA Programming** - Manage the interface between humans and machines is one of its fundamental core strengths. PLC Software Visualization Software (HMI/SCADA) Networks Database Design & Configurations Bespoke Software.

**Project Management** - We provide project management services to a number of clients worldwide and we deliver value for money by providing the highest standards of project management

## IT Services

We work together with our partners to provide professional software tools for robot system integration for all manufacturing markets.

1. Robotmaster Software
2. KUKA|prc Software
3. Data Programming
4. Reports