



Auto Control Systems is the automation provider for International Explosives Equipment (IEE) and deliver the automation and electrical components of IEE's explosives manufacturing plants.

CASE STUDY

The Problem

To deliver automation in a challenging area, working to stringent standards within a short time frame. We were required to collaborate on the programming requirements for operating the production facility incorporating a high level of safety, automation and control.

The Solution

Auto Control Systems leveraged our engineering expertise to incorporate several custom selections, providing a solution that delivered leading edge technology with a user friendly interface.

Auto Control Systems is the first recognised LV MCC System Integrator (SI) in the world to implement an Allen-Bradley CENTERLINE 2500 MCC.

The technology we used for this project included:

- Centerline 2500 MCC
- Allen Bradley CompactLogix controllers
- Stratix Ethernet switches
- E300 Electronic Overloads
- Powerflex 525 and 753 drives
- Panelview Plus 7 HMI Touchscreen Interface
- Endress & Hauser Instrumentation with Ethernet IP interface

Return on Investment

Utilising the Rockwell “Connected Components” architecture Auto Control Systems were able to minimise engineering expenditure and maximise the process and diagnostic information provided to the customer.

Value for money

Auto Control Systems has the flexibility to address market requirements in providing

comprehensive type tested, intelligent MCC solutions that can be locally customised and supported by a competent LV MCC Recognised System Integrator.

Auto Control Systems has a well-established competency in motor control and software to help customers understand and implement these intelligent capabilities in a way to help generate value for their organisations.