



In conjunction with International Explosives Equipment, Auto Control Systems are the largest manufacturer of mobile mixing vehicles (MMUs) in Australia and one of the largest in the world. We have been providing control systems for MMUs since our inception in 2006. Our control systems incorporate a range of technology including Allen Bradley SLC500 & Compact Logix, Schneider Proface and, more recently, IFM R360.

CASE STUDY

The Problem

MMUs are complex explosive manufacturing plants and require highly sensitive instrumentation to achieve the stringent requirements for each unique blast situation.

The Solution

Auto Control Systems' capability to provide systems that meet the stringent requirements for projects like this is part of what makes our solution such a sought after product. Over the years, our advances in software engineering and component selection has given us the reputation for producing the most stable and effective blast emulsion delivery system, worldwide.

For these projects we use a combination of the following technologies:

- IFM Efactor R360 Mobile Control System
- Allen- Bradley SLC500 & CompactLogix
- Schneider Proface HMI's
- Endress & Hauser Instrumentation

Return on Investment

International Explosives MMUs are known throughout the world to be reliable, dependable and easy to use. The controls are designed to minimise the need for operator intervention and reduce training requirements. The operator can produce a more reliable blast in a quicker time thanks to the simplification the control system brings to the complex process.

Cost savings and Adaptability

Capitalising on new technology and advances in vehicle abilities, Auto Control Systems has seen its systems occupy less space and run with greater reliability, resulting in lower overheads and reduced cost.

