PRODUCT DESCRIPTION

The BLASTTRACK™ control system is a purpose-built, electronic charging unit control system designed to create transparency throughout surface and underground blasting operations. The system is customizable to customer charging unit requirements. Operators control, monitor and report on blasting information and product condition in real-time through the BLASTTRACK™ web and mobile applications.

The BLASTTRACK™ web and mobile application allows for real-time reporting of loading functions during charging operations, pre and post-blast audits & inventory used in daily operations blast. Sensor inputs include flow rates, base and final product density, viscosity, pumping pressures, temperature, storage levels throughout the logistics network and more.

The IP68 compact and robust design of the BLASTTRACK™ control system allows for plug and play integration of the controller on charging units, significantly reducing down-time for equipment maintenance and increasing fleet availability. Control of the BLASTTRACK™ pump control system is possible directly through the user centric control interface or through remote control via the BLASTTRACK™ rugged device for use in mining environments.

DESIGN FEATURES

- Custom enclosure with IP68 design to prevent water and dust ingress
- Modular and customisable hardware and software components
- Software and hardware trip limits for the maximum safety in pumping operations
- Remote control by rugged device
- Military grade cable harnesses
- Customisable array of sensors and inputs
- Cloud database offering scalability and performance without the worry of managing a physical database

BENEFITS

- Transparency across charging fleet and blasting operations on your mobile device
- Real-time reporting of operator & blast performance
- Real-time notifications of limit conditions
- Real-time reporting of product condition
- Plug and play design reduces down-time & equipment maintenance requirements
- Intuitive user interface with operator prompts for fault finding under failure or limit condition
- Customisable dashboards to suit your data, KPI and performance metric needs