

XPLOLOG™ PUMP CONTROLLER APP

PRODUCT DESCRIPTION

The XPLOLOG™ pump controller app is there to complement the XPLOLOG™ pump controller that monitors and controls the delivery of emulsion from the charging vehicle to the face. The XPLOLOG™ pump controller stores all operational data inside the unit, assuring that all emulsion delivery information is available for processing. These units are used in environments where it is not always possible to install the required information system infrastructure. A solution in the form of a rugged handheld mobile device was specifically developed to retrieve the information from the pump controller and sync with the BME informatics network. Operators are therefore enabled to retrieve data on a portable device each time they go underground which in turn syncs with the management database the moment the device connects to a Wi-Fi network on the surface. This enables management to have up-to-date information at their fingertips and view emulsion consumption metrics that are recent, accurate and actionable.

PRODUCT FEATURES

DEVICE

Site managers are equipped with an easy to use rugged hand-held data syncing device that can connect to both the XPLOLOG™ pump controller and the surface Wi-Fi network. The Blackview BV6000 is an Android smart device with a 4.7" touch screen. It has a powerful 4500mAh non-removable battery, offering extended usage time compared to similar devices. The device is intended for outdoor use and carries an IP-68 rating, meaning it is guaranteed dust proof and up to 1.5m waterproof.

SOFTWARE

Rugged handheld devices are configured with the XPLOLOG™ pump controller app on the device. The device seamlessly connects using Bluetooth and data is downloaded from the XPLOLOG™ pump controller in seconds. This data gets synchronized to the management database in real time, or as soon as the device establishes a Wi-Fi connection, resulting in all users having access to the most recent information at any point in time.

DATA COLLECTION AND STORAGE

Each mine is allocated its own centralised database and reporting system. All data is safely stored in a cloud hosted facility, offering dependability and real time access to up-to-date information.

