PEER TO PEER MESH TO THE CLOUD

PRODUCT DESCRIPTION

Are you facing data transfer challenges in your remote & underground blasting operations? Look no further! The iMining SMART**LOGGER** is your solution to data transfer challenges in your difficult to access operations.

The SMART**LOGGER** exists in a state of perpetual awareness, sniffing for connectivity even when the pump control system is powered off in transit & post shift. When a network connectivity point is found, the device rapidly connects, uploading important operation data to the BLAST**TRACK™** Online platform.

The SMART**LOGGER** is built to plug directly into existing control systems, collecting data via available communication ports. This allows old pumping fleets to be brought online at low cost without the need to replace expensive control technologies.

In poor connectivity environments, SMART**LOGGER**s send data between machines through a mesh network to bounce data to the could in the shortest available period. Eliminating the dependence on operators for the regular powering on of control systems in network points for the transfer of data to the cloud.

Don't let low data availability hold you back! Contact iMining today to find out how we can assist you with the information you need for real-time decisions!

DESIGN FEATURES

- Perpetual Connectivity: The SMART**LOGGER** operates in a perpetual awareness state, always on the lookout to connect to the cloud and upload data.
- Coms. Channels: With multiple communication channels at its disposal, the SMART**LOGGER** is engineered to effortlessly integrate with your existing control systems, eliminating the cost replacement.
- Mobile Mesh Network: Imagine a network of SMART**LOGGERS** working in harmony, passing data from isolated machines to the cloud through a mobile mesh network. This innovative feature guarantees that even in the most inaccessible environments, no data is left stranded. Your operation's connectivity remains robust and unbroken.

BENEFITS

- Operator Independence: Gone are the days of relying on operators to power on control systems at a connectivity point for data upload. With the SMART**LOGGER**, you reduce operator involvement, ensuring data transfer happens reliably, irrespective of human factors.
- Faster Data Transfer: The SMART**LOGGER** significantly shortens the time it takes for data to reach the cloud. Real-time information is now just a few clicks away, enhancing operational efficiency, decision-making, and ultimately, profitability.
- Cost-Effective: The SMART**LOGGER** is your gateway to modernizing your operations without the hefty cost of control system upgrades. Its compatibility with existing machinery not only saves you time & money but also future-proofs your business.