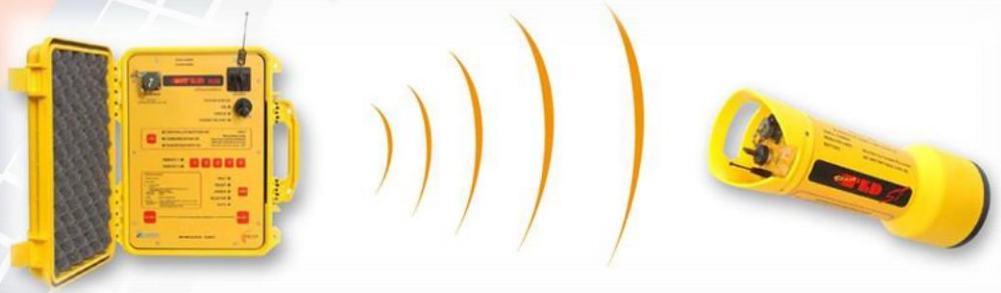
STI Engineering
Communications & Electronics Engineers

incorporating RFInnovations
Leaders in Wireless Data

Dynamite Results in Wireless Remote Blasting

- **Secure data protocol**
- **ARQ error recovery**
- **OEM version for product integration**
- **Easy-to-use diagnostics and configuration**

The RFI-9256 OEM radio modem has been successfully used in Mine Site Technologies (MST) remote blasting product BlastPED ST. The system has been developed for use in open pit mines to provide a nofixed-infrastructure alternative to safety-fuse and cable-based firing systems.



BlastPED ST safely allows remote blasting from a central location, using the RFI-9256 frequency hopping data radios as the link between the shot firer and blast site. The main difference between BlastPED ST and other blasting products is that the remote is used to directly initiate signal tube, rather than initiating electric detonators (caps).

Chosen over its rivals due to its superb performance, the RFI-9256 OEM has been an integral part of the BlastPED ST product for more than six years. Features such as automatic retries (ARQ) and low latency, combined with outstanding RF sensitivity and its ability to reject unwanted signals in RF noisy environments, make the RFI-9256 ideal for use in critical mining applications.

With safety an obvious concern in remote blasting, the spread spectrum 900MHz radios, combined with MST's PIN code encryption, offer total peace of mind for the end user. What's more, the system has been engineered to be big on safety, without sacrificing useability.

The RFI-9256 OEM is a more compact version of the standard RFI-9256, allowing for the radio modem to be mounted inside the BlastPED ST product line.

While smaller than the standard version, the features and performance of the OEM radio are the same, including Cruise Control support for comprehensive diagnostics and simple radio configuration.

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