CONSPEC®

INNOVATION THAT DIGS DEEPER.

Post Blast Re-Entry

Traditionally, mines have relied on a fixed time approach to deal with post-blast re-entry time. This often leads to substantial delays due to the requirements for managers and safety personnel relying on hand-held gas monitors to descend into the stope blasting area to identify any potentially damaged ventilation infrastructure and measure seismic movements at the working face. This exposes valuable mine personnel to potential seismic and toxic gas risk, and often leads to significant delays in the return of the face to productive use.

In collaboration with Mine Design Technologies, Conspec is proud to announce the Post-Blast Monitoring Solution for Underground Mines to deliver Innovation That Digs Deeper. Conspec has the distinct pleasure of providing a safer, more efficient solution for underground mines.

Through the selective deployment of Conspec's Optio G/IS Gas Carbon Monoxide (CO) and Sulfur Dioxide (SO2) Gas Monitors over existing data communications infrastructure near the blast area, Ventilation Managers can safely monitor real-time gas dissipation levels in the blasting areas post-blast. This allows Ventilation Managers to remotely monitor post-blast gas dissipation and remotely identify any damaged ventilation infrastructure. Ventilation Managers can now deploy the necessary fully equipped Repair Teams from surface to repair or replace any ducting and ventilation infrastructure without risking personnel or causing delays, therefore significantly reducing the time to return the blast face to productive use.

By integrating Mine Design Technology's Smart MPBX into a Conspec Senturion Mine Wide Monitoring System using Conspec's Optio GM six digital MPBX Monitor, operators can use existing data-communications infrastructure such as Ethernet, POE, LTE and Leaky Feeder Data Channels without the need to install costly additional third-party data communications infrastructure. Geotechnical Managers can remotely monitor the real-time seismic movement post-blast safely from the surface, allowing them to compare the movement to historical post-blast data to best ensure safe re-entry of all underground mine personnel.

Conspec's Post-Blast Monitoring System is just one of the many innovations that can dig deeper to allow underground mines the maximum protection of their personnel, property, and profits.

OPTIO™ G

Reliability when every second matters.

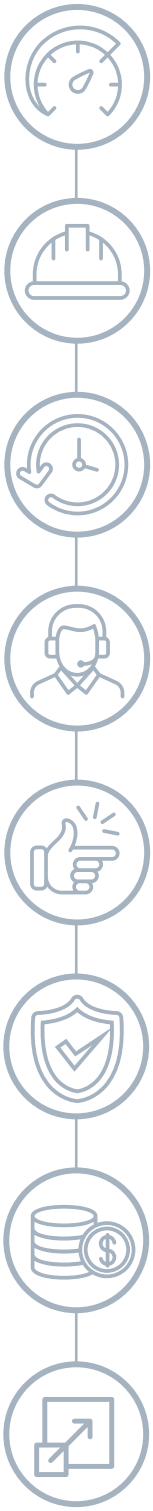
OPTIO™ IS

Reliability when every second matters.

OPTIO™ GM

Reliability when every second matters.

WHY USE CONSPEC's POST BLAST RE-ENTRY PRODUCTS?



GREATER PRODUCTIVITY

Conspec products increase productivity for companies through time-saving and safety-enhancing applications. Our monitoring devices measure atmospheric levels and deliver quality values in real time, allowing system controllers and operators to make quick decisions, leading to more efficient working and mine re-entry times.

SAFETY

Our products are designed to ensure safety first. Safeguarding personnel and assets leads to a safer, more efficient work site and better profitability.

LESS DOWNTIME

Nuisance alarms can cause costly shutdowns, sometimes mine-wide. This leads to lost time and profits. Conspec's advanced alarming capabilities removes this risk, providing reliable advance warning of real hazards, in real time.

24/7 SUPPORT

When it comes to safety and work efficiency, Conspec understands that every second matters. We provide 24/7 support to our customers to ensure that your operation is never stopped or stalled.

EASE OF USE

From manufacturing, to installation, to troubleshooting, to repair and calibration – the full experience of the monitor Conspec provides for you has been specifically designed to maximize the user experience. Our UI has been designed for ease of use and maintenance, no matter who is using it.

RELIABILITY

With 55+ years experience developing monitors, Conspec can design equipment that can withstand the harshest environments. Our products can withstand almost anything, with minimal issues with power, noise, drifting, temperature, and humidity.

COST EFFECTIVE

Our new state-of-the-art monitors combine multiple features into a single all-in-one unit. This will save thousands on the costs of hardware and software. Such a wide array of options for power and communications allows our systems to run on any existing infrastructure.

SCALABLE

Conspec's monitors grow as your needs do. This enables users to start off with single gas, with the option to convert to multi gas and more custom levels as needs increase. Such versatility extends the life and usefulness of our equipment, cementing the reputation for reliability and innovation that Conspec has earned over the years.

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