



CONSPEC®

INNOVATION THAT DIGS DEEPER.

SENTURION S950

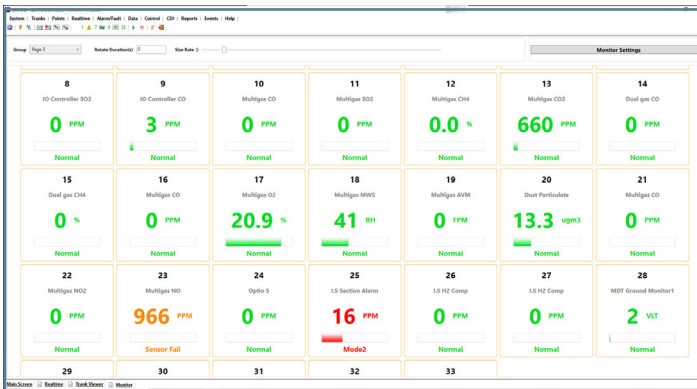
Senturion S950

CONSPEC SENTURION SUPERVISORY CONTROL AND DATA ACQUISITION SYSTEMS FOR MINING

Conspec's Senturion S950 SCADA System is a state-of-the-art Windows supervisory command center specifically designed to satisfy the needs of any mining operation. Through its intuitive interface and easy to use mine automation scripting language.

The Senturion Monitoring and Control Software empowers managers with the tools to maximize operational safety, efficiency and productivity everywhere in the mine.

Isn't that what a supervisory control system is all about?



INCREASED PRODUCTION

Professional managers of today's modern mines know that minimizing downtime maximizes production. Conspec's Senturion continuously monitors equipment while its intuitive VBScript based control logic scripting tools empowers managers to fully develop and test mine automation routines to better integrate an entire mine into one cohesive operating unit as the Senturion quickly identifies, alerts the operator and responds as programmed to changing operating conditions.

IMPROVED SAFETY

When integrated with Conspec's Optio Series remote sensors, continuous mine-wide underground atmospheric and geotechnical monitoring provides improved safety, ensuring the maximum protection of the mine's personnel, property, and profits.

LOWERED COSTS THROUGH IMPROVED PROBLEM SOLVING

Continuous monitoring analysis of Conspec Optio Series devices and other third-party equipment by the Senturion SCADA allows for quick problem identification to provide immediate alarming and implementation of pre-programmed solutions by authorized mine personnel.

LOWERED COSTS THROUGH BETTER VENTILATION MANAGEMENT

As part of a Conspec continuous environmental monitoring and ventilation system, the Senturion's synchronization primary and secondary ventilation fans, based on real-time atmospheric conditions, significantly reduces ventilation costs. Further integration with Ventsim Control allows for additional improvements in ventilation management.

LOWERED COSTS THROUGH FASTER POST-BLAST RE-ENTRY PROCEDURES

Post-blast monitoring of Conspec Optio Series remote atmospheric and integrated Mine Design Technologies Smart MPBX geotechnical sensors allow mine managers to safely reduce post-blast re-entry times. Further reductions can be achieved through real time measurement of the gas dissipation rate to better anticipate necessary ventilation infrastructure damage from the blast, allowing managers to deploy fully equipped repair teams a speedier return of production at the working face, once atmospheric and geotechnical conditions safely allow.

LOWERED COSTS THROUGH COMPREHENSIVE ANALYSIS FOR CONTINUOUS SYSTEM IMPROVEMENT

Through comprehensive historical trending of all remote devices connected into the Senturion SCADA, Mine Ventilation Managers have access to all past critical data to best identify and implement improved fan synchronization strategies. This allows for better utilization of electrical usage and in turn providing quantifiable reduction in costs, particularly during "peak loading times."

IMPROVED MANAGEMENT INFORMATION

The Conspec Senturion provides historical statistical analysis of all connected devices. This real-time and historical information of all integrated equipment and systems provide a mine's operational team all the critical information they require to further improve operational safety and productivity for greater profitability.

System Monitoring

