



StrataConnect™ WIRELESS

MONITOR. CONTROL. TRACK. ALERT.

With the simplicity and cost effectiveness of **ONLY THREE** components.

- CommNodes
- Tracking Tags
- SMART Monitors



- No infrastructure
- Ubiquitous coverage
- Intrinsically safe
- Lowest cost of ownership

Battery powered and wireless - fast and easy to install and very low maintenance.

NO HARDWIRES. NO EXTERNAL POWER. NO CERTIFIED ELECTRICIAN REQUIRED.

One System – Three Components



COMMNODES

- Underground Network Node
- Battery Powered
- Wireless
- No External Antennas

TRACKING TAGS

- Equipment and personnel location tracking and alert
- Battery Powered
- Hardhat Tag or Cordless Cap Lamp
- Miner-Down Auto Notification
- Miner-in-Distress Notification
- Emergency Broadcast

SMART MONITORS

- Battery Powered
- Wireless
- Multi-functional
 - Gas Sensor (>64 gases)
 - Atmospheric monitoring sensor
 - On/Off control switch-pumps, fans, floats, sensors
- Belt Monitoring & Control PLC
 - Wireless

- Atmosphere, air-flow and water monitoring
- Gas detection and alert
- Belt-drive and line monitoring and control
- Control/Monitor – floats, fans, pumps, sensors
- Machine Monitoring
- Emergency tracking, environment monitoring & alerts

Single, multilayered user interface for all underground systems.



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