



# 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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