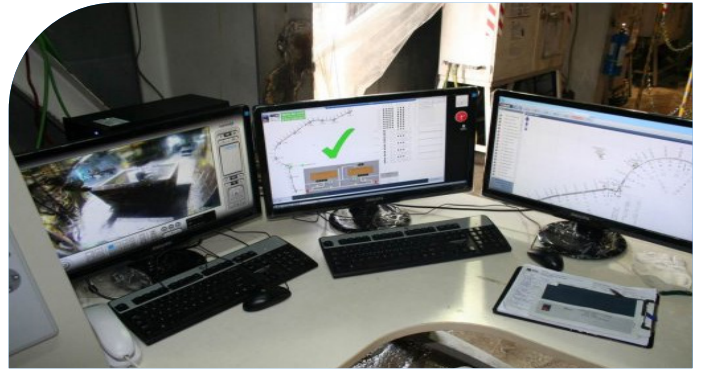# TAGGING AND TRACKING

**PRODUCT BROCHURE**



*Our tagging and tracking system incorporates Aeroscout technology to provide enhanced asset and personnel management in underground locations*

The tagging and tracking system improves, streamlines, monitors and assists with optimising personnel and asset management and safety in underground locations.

The tagging and tracking system provides real time data and location information from tag beacons with locations calculated and communicated to a central control room. Key movement events such as zone entry/exit, dwell, and out–of–sight are captured, along with configurable alerts and notifications via an Instant Notifier for rapid emergency alarming.

Personnel emergency alerting is managed quickly and efficiently via triggering a call button or a no–motion indicator, personnel can then receive acknowledgment that help is on the way. This tagging and tracking system provides a "mental continuity" aspect for safer tracking as personnel manually attach the tags to their clothing and return to the brass board at the end of shifts to manually monitor their movements.

Communication of personnel locations is easily managed via IP phones, instant messaging to workstations and pagers.

With easy installation within vehicles as well, the system can also monitor vehicle locations and directionality of movement, along with determining who is operating equipment.

Management of personnel and assets is easily communicated via a remote dashboard located in the control room that monitors movements, provides zone access control and emergency alarming indicators and historical data reporting. Intrinsically safe versions are available depending on the environment requirements.

## APPLICATION

- Tunnelling and infrastructure projects
- Construction projects
- Mining

## FEATURES

- Optimisation of personnel and equipment
- Dispatch decisions using real time location data inputs
- Real time emergency evacuation monitoring
- Equipment operator indication and logging
- "Near Me" enunciation of nearest assets
- Enables VOD for ventilation zones
- Equipment utilisation reporting and historical database for production analysis and simulation
- Indication of pick–up points, movements and dump location compliance
- Truck lap time tracking
- Automation
- System interaction
- Site-level views present personnel locations and callout of a specific personnel or tracked assets
- Ampcontrol Tunnel Safe solution provides dashboard views and reporting for real time decision making
- Events drive system behavior along with instant notification of alert conditions