

RFID System

Davis Derby introduces a new Personnel and Vehicle Tracking System for use in hazardous environments utilising the latest in Radio Frequency Identification Technology. The system monitors and tracks personnel and vehicles in real time, ensuring maximum utilisation and efficiency.

System components

- Lightweight intrinsically safe tags
- Intrinsically safe reader units housed in IP54 mild steel enclosure c/w 6 intrinsically safe outputs and telemetry interface
- Purpose designed Flexible intrinsically safe antennas

Benefits

- Multi-Tag identification with up to 50 tags in the antenna field at any one time
- Detects direction of travel automatically
- Up to 4 antennas per reader unit
- Small, easily carried credit card size tags
- Multiple Reader configurations for multiple entry and exit applications
- Easily integrated into environmental monitoring and control systems

Applications

- Personnel evacuation systems
- Muster station systems
- Deployment and Time keeping
- Access control for secure areas
- Automatic head counted for restricted areas
- Vehicle tracking
- Asset tracking
- Fuel loading and discharging systems

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