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SSR-Agilis

MAKING MINING SAFER

The SSR-Agilis is a standalone vehicle monitoring system designed to protect personnel and valuable equipment in active working areas of a mine site.

A complete safety-critical solution that transmits visual and audible warnings to operational crews in real time, the SSR-Agilis ensures continued operations without interruption or incident.

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Features and Benefits

FULLY MOBILE FOR TACTICAL MONITORING

The SSR-Agilis is designed to be quickly brought in and deployed to areas where it is needed most.

Completely mobile and drivable between locations, crews can easily move from one active area to another, rapidly deploy the system and continue to work without delay or concern.

COMPLETE SAFETY-CRITICAL SYSTEM

The SSR-Agilis is a complete, end-to-end solution, boasting data capture, processing and alarming all in one place.

Data collected is available for instant visualisation on the on-board interface via SSR-Viewer. Alarms can be set and received at the radar, and are processed in real time on every scan.

REAL-TIME ALERTS FOR FAST RESPONSE TIMES

A rapid response radar, the system features a range of local, remote and personal alerts, allowing for evacuation in the shortest possible time.

Various alerts are dispatched via multiple channels - personal warnings via Portable Personal Alert (PAL) devices; visual alerts through the custom-designed lightbar, with three colour configurations; audible siren alerts heard up to 1,500m away; and the visualisation of triggered events in SSR-Viewer, via both the on-board user interface and remote Geotech computers.

STANDALONE MONITORING SOLUTION

The SSR-Agilis is an independent, standalone system that requires no Wi-Fi, site communications or mine power to conduct safety-critical monitoring.

The system is equipped with an on-board power supply that can be easily recharged overnight, providing up to 24 hours of power. For ultimate flexibility, the system can also be connected to the mine network using its built-in comms.

DEPLOY ANYTIME, ANYWHERE

The system's fully customisable scan area operates to 270° in azimuth and 100° in elevation.

Its large scan area, together with an extensive range of 1,400m, gives users the capacity to scan areas of concern from various deployment locations of convenience.

HIGHLY PRECISE, TARGETED MONITORING

A 3D Real Aperture Radar, its fine pencil beam scans in a raster pattern to provide full 3D imaging to completely cover the scan area.

Because each spot points directly to a physical spot on the wall, the confidence in precisely tracking and measuring movement is at its highest.

ROBUST, RUGGED AND RELIABLE IN ALL CONDITIONS

Built on GroundProbe's latest SSR platform, the SSR-Agilis is backed by a long history of reliability, uptime and proven mechanical engineering.

It's built tough, reliably operating in inhospitable environments including intense sun, rain, wind, snow and humidity.

SSR-VIEWER AND MONITORIQ COMPATIBLE

The SSR-Agilis is fully compatible with GroundProbe's patented software, SSR-Viewer, and its entire suite of charting, analysis and alarming tools.

All data collected can also be directly imported into data aggregation software MonitorIQ, allowing users to visualise SSR-Agilis and other geotechnical sensor data in a standardised format to run analysis, discover trends and generate powerful reports.

decision confidence™