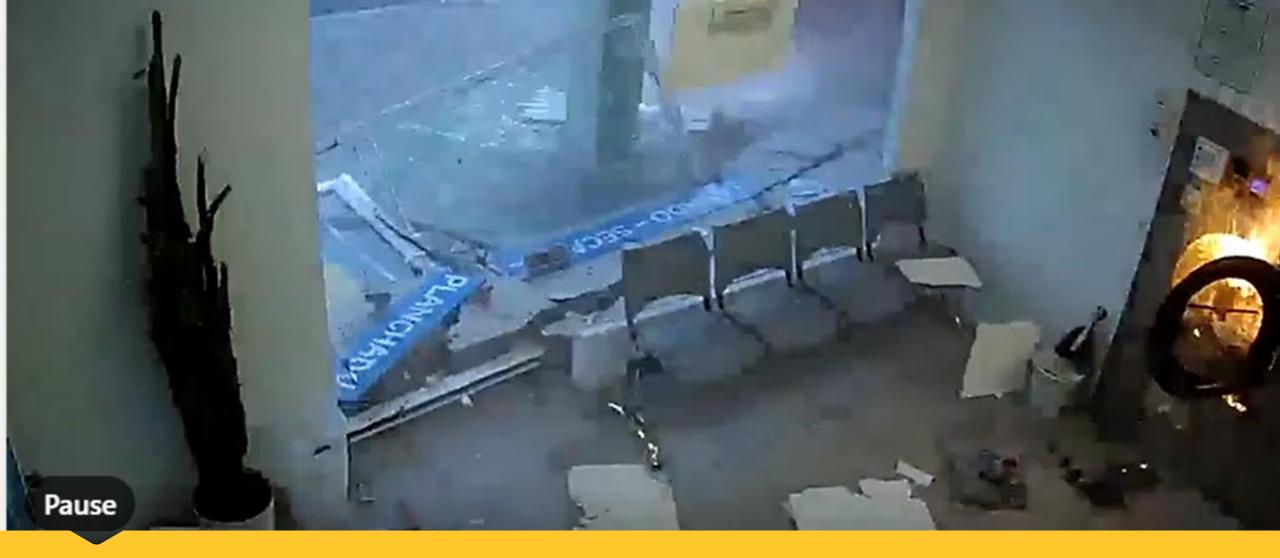


How Software & Technology Improves Mine Health and Safety





Safety Share

Check for power chargers and cell phones before putting clothes in hot dryers.



World-class mining equipment



Cutting-edge automation, utilization and electrification



Technology and Digitalization





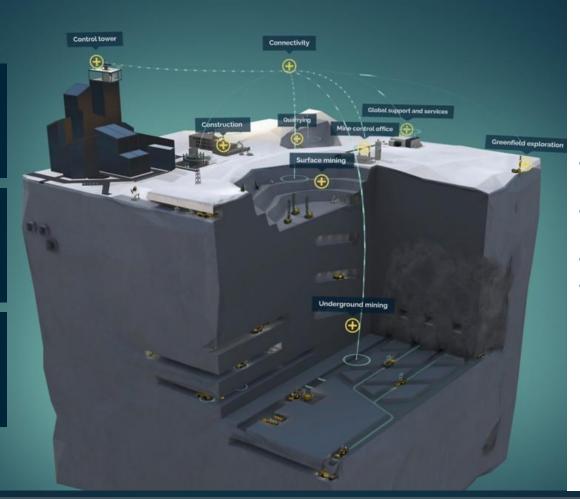
Technology and Digitalization



Automation

Infrastructure

Digital Solutions



The Epiroc Digital and Automation Ecosystem

- is *Interoperable* with your existing systems and fleets
- enables seamless *Integrated* functionality
- follows an OEM *Agnostic* approach
- is Modular and Expandable

"From stand alone applications, collision avoidance and single machine automation to an integrated end-to-end insight, control and optimisation solution."



We are Epiroc Digital Solutions

MISSION CRITICAL

Software can manage the entire mine operation from the working face to the boardroom to secure world-class productivity and safety.

FOR ALL PEOPLE

An enabling software. We bring situational awareness and operational insights to personnel in all roles, no and to wherever they are located.

CREATING ACTION FROM DATA

Our software makes digital tactical, 2-way real-time quality data transfer and visualization easy to make decisions in real-time.

OPEN

Our software is technology & OEM agnostic and easily integrates and scales with customers' present and future environments.

THE FUTURE OF DIGITAL MINING

"Digital technology in mining through improved safety, could save an estimated 1,000 lives and 44,000 injuries."

Quote: Intergovernmental Forum on Mining, Metals & Sustainable Development



Achieved by...

Technology & OEM agnostic





Open Positioning Interface



















Comms and Positioning technologies



















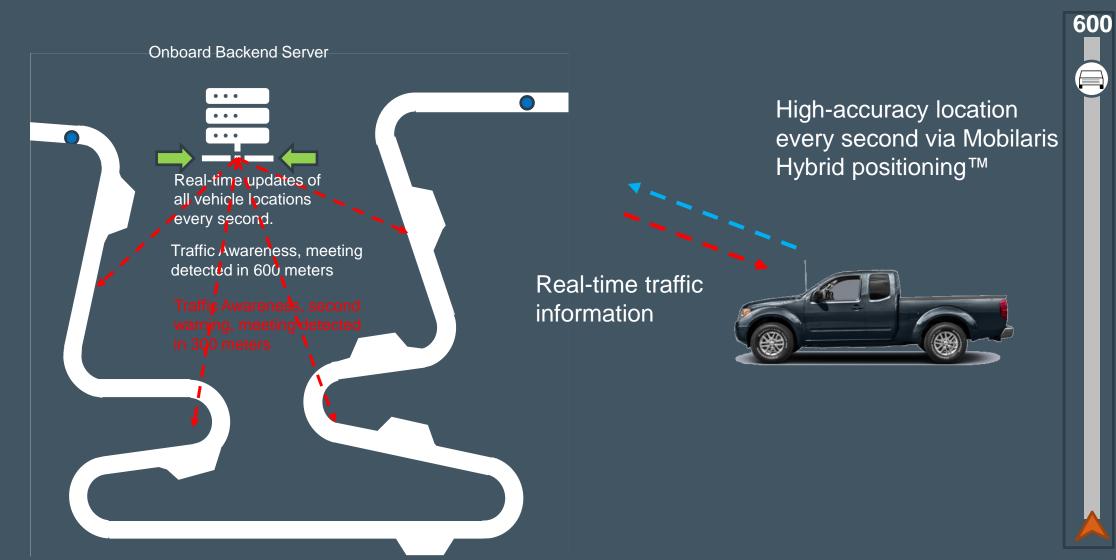






Traffic Awareness





Traffic Awareness Bar inside Mobilaris Onboard

Reduces Collisions Detecting Personnel and Assets



Proximity Detection



Warning



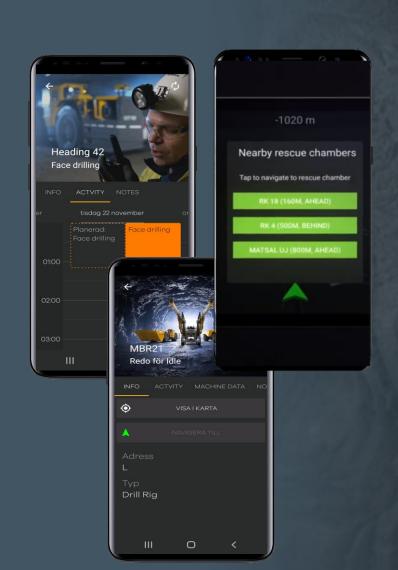


Mine data at your fingertips

Mobilaris Pocketmine™









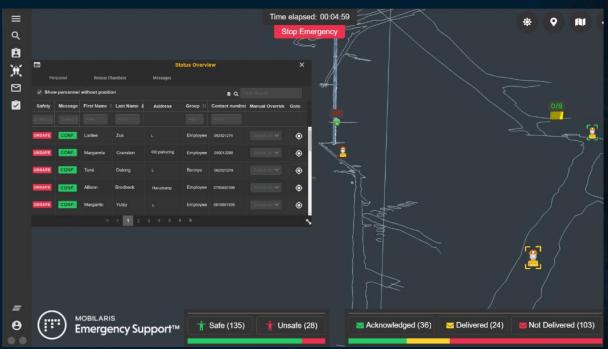
The sum of all fears

A fire in the mine



Maximized Safety

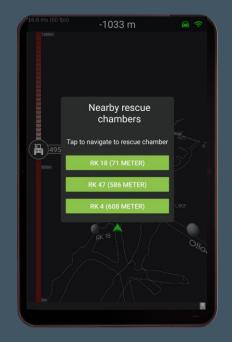
Mobilaris Emergency Support ™





Navigate to the nearest refuge chamber Quick Alerts & Search using Virtual Tag in Smart Phone

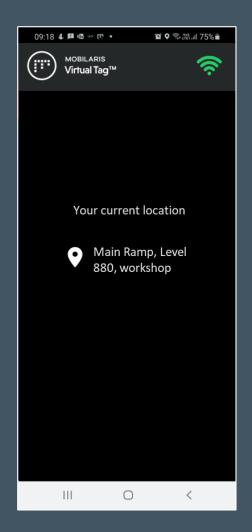


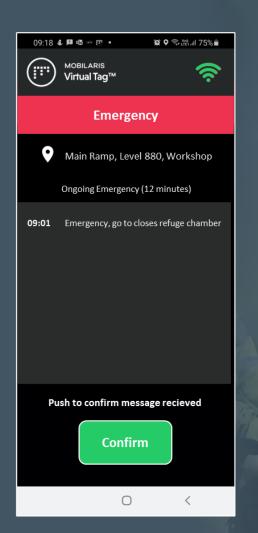




Receive Emergency Updates

On Virtual Tag in Smart Phone





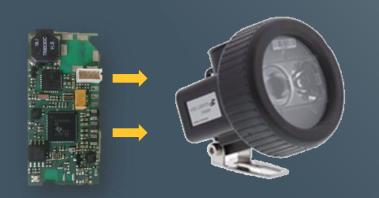


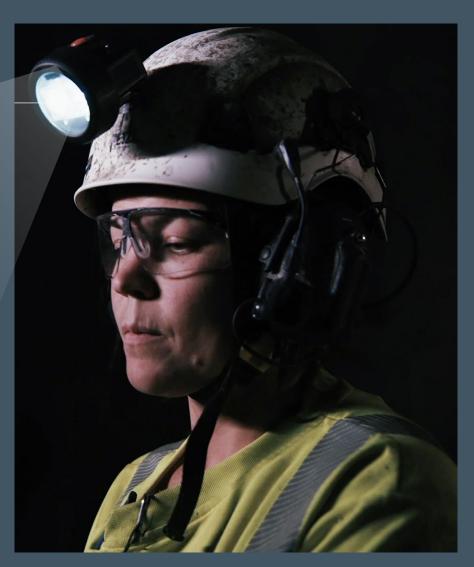
Emergency Support



Alerts using Personal Tags or Cap-lamp





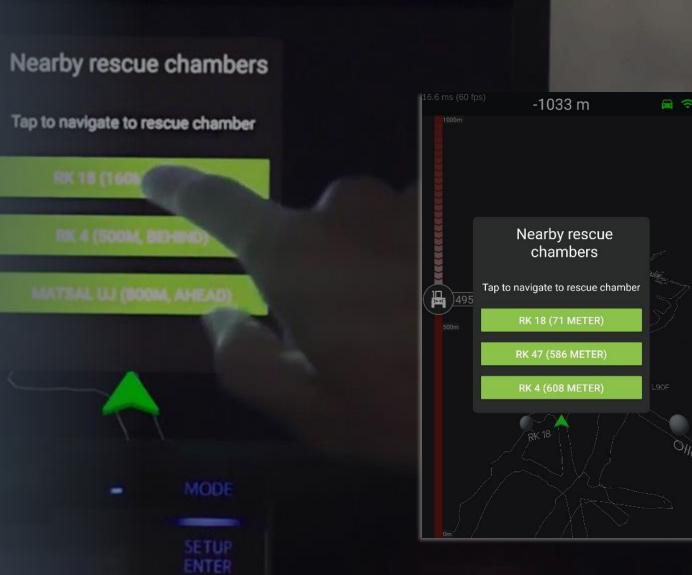


Helps you get to safety

Quick Alerts and Search in Onboard™

-1017 m





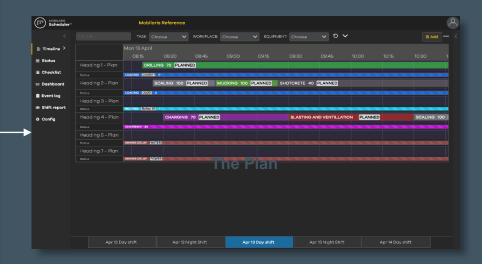


Reduce Variability and Unplanned Tasks

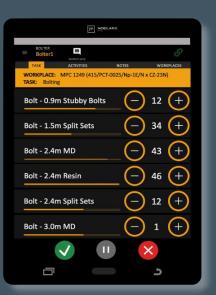


Mobilaris Planning & Scheduling™





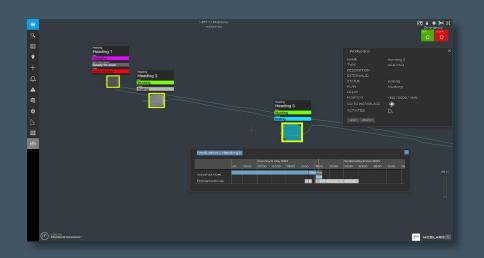


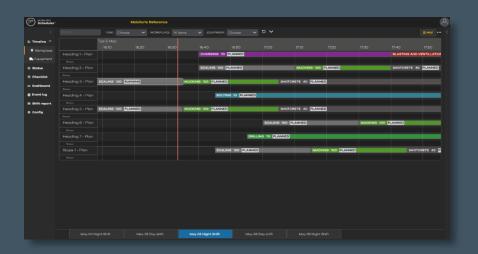


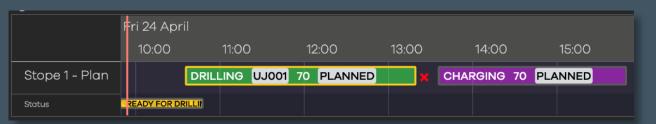
Reduce Variability and Unplanned Tasks



Mobilaris Short Interval Control Planning & Scheduling™







Planned activities, no activity is currently running

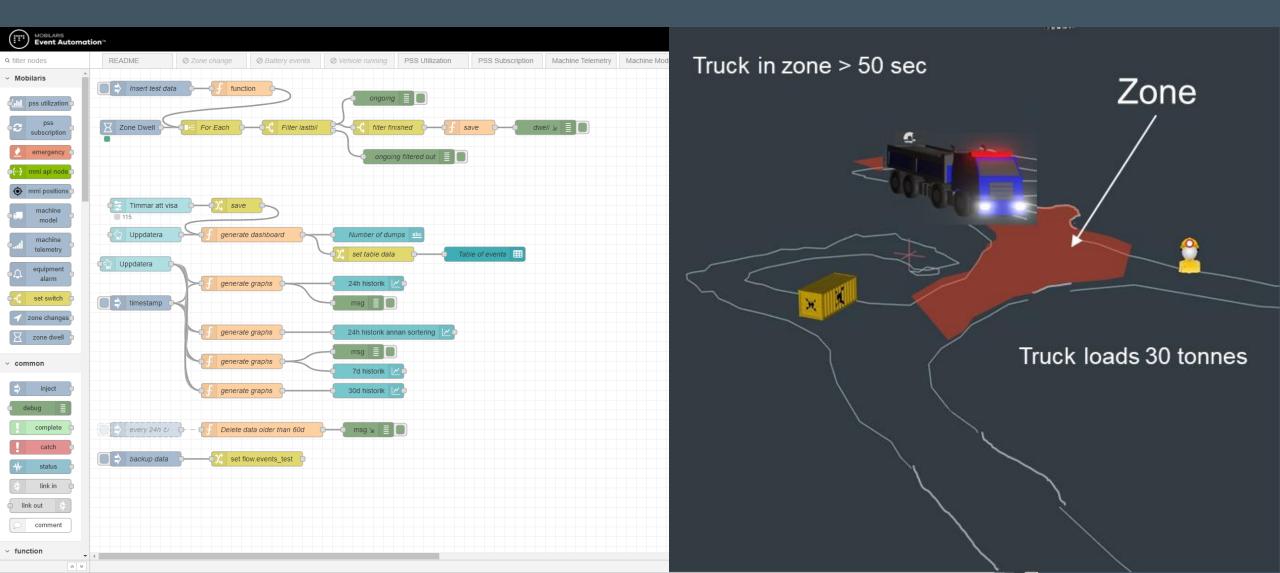


Planned activities, drilling activity is ongoing

Efficient Event Set Up with Triggers

Epiroc

Mobilaris Event Automation™



100 mining companies were surveyed. 56% were setting up digitalization in the mine in the next year.

44% confirmed that worker health and safety at mine sites is where they expect to see big benefits to improve the health and safety of their employees.

Vanson Bourne, market research



Questions?

United. Inspired.

Performance unites us, innovation inspires us, and commitment drives us to keep moving forward.

Count on Epiroc to deliver the solutions you need to succeed today and the technology to lead tomorrow.

epiroc.com

