

DataMind AI™

Unlocking Efficiency, Reliability and Safety for Mining Operations

Used and trusted by

GLENCORE



SIMEC

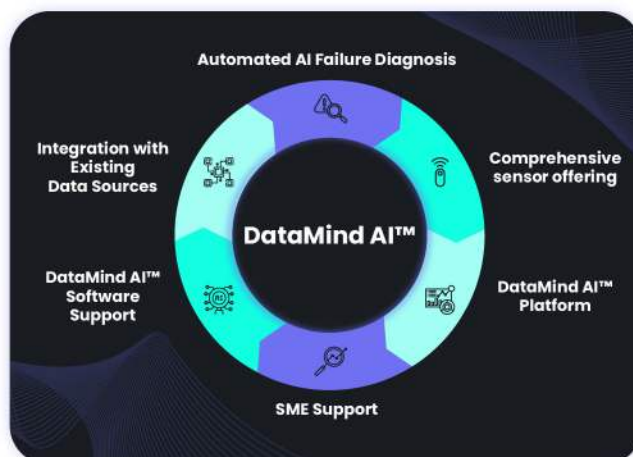
NETZSCH



SIEMENS
energy

We've got you covered

DataMind AI™ is an all-in-one predictive maintenance platform designed to optimize mining operations. Powered by advanced AI Sensor Fusion technology, it delivers real-time insights, precise root cause analysis, and clear prescriptive recommendations to **prevent downtime, increase throughput, extend machine lifespan and boost staff safety.**



Optimize maintenance KPIs with DataMind AI™



80/20

Planned vs.
Unplanned
maintenance
ratio



70%

Reduction in
Unplanned
Downtime



5%

Reduction in
Total Maintenance
Expenses



1.5%

Average Increase
of Annual Plant
ROM Feed



27%

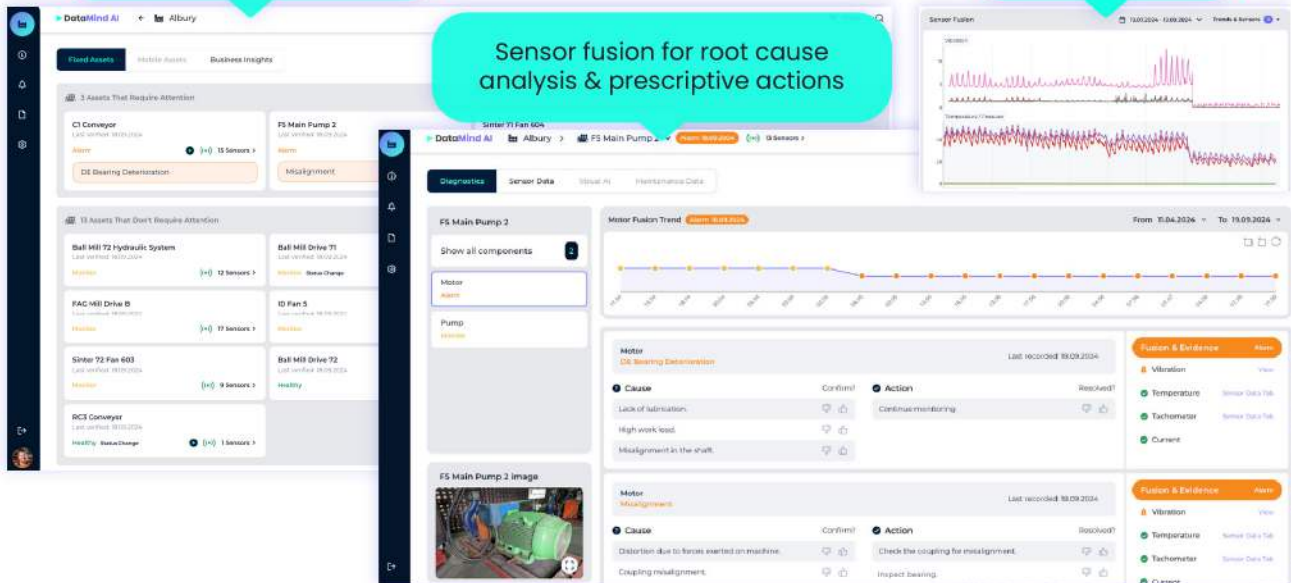
Avg. R&M Cost
Savings (Labor
& Equipment)

DataMind AI™ platform

Complete online visibility of the site equipment

Sensor data

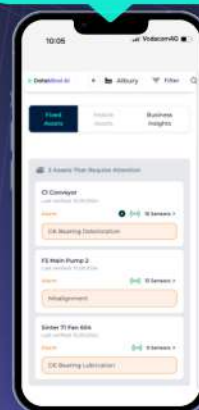
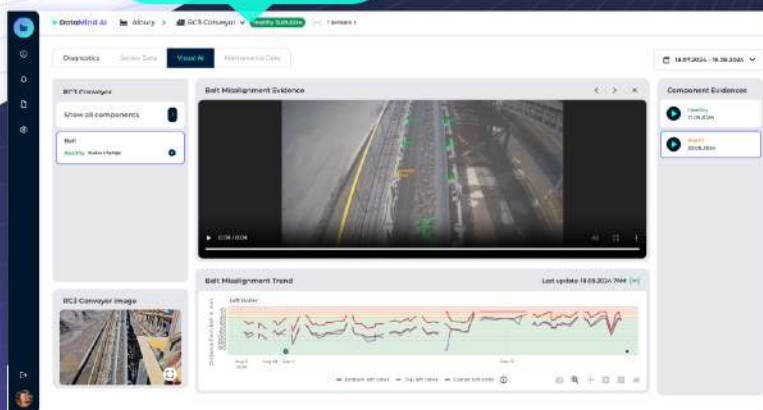
Sensor fusion for root cause analysis & prescriptive actions



Visual AI

Mobile app

Real-time alerts via SMS & Email

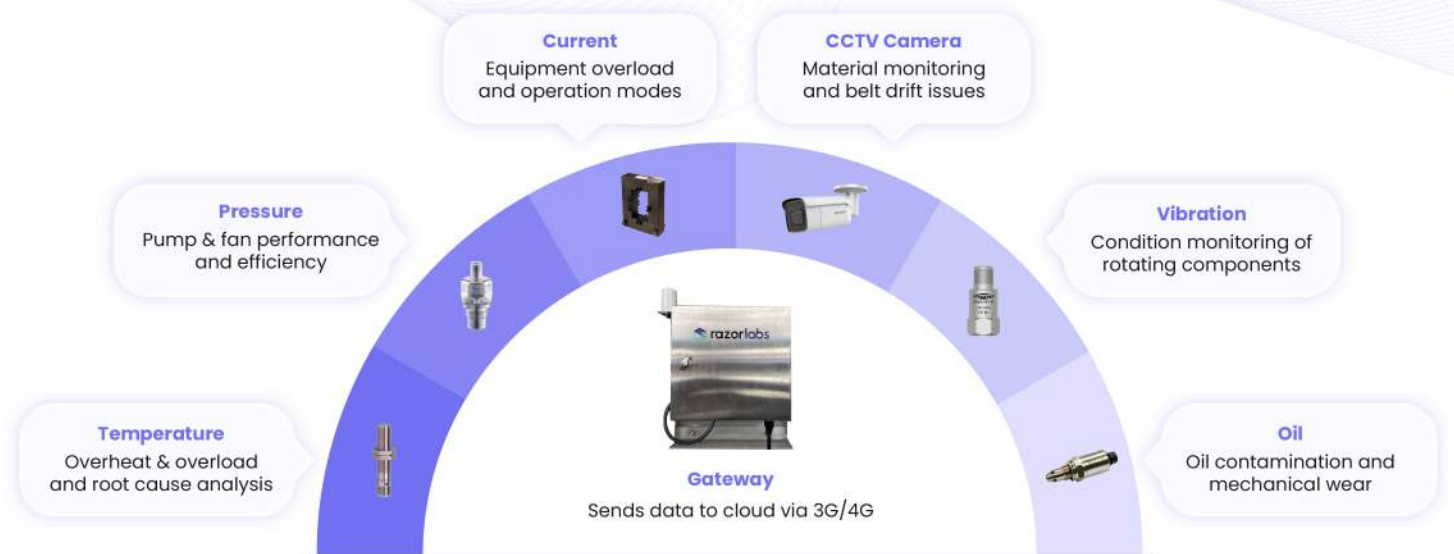


- Complete online visibility of the site equipment
- Sensor fusion for failure root cause analysis and prescriptive actions
- Real-time 24/7 health visibility
- Fixed & mobile equipment

- Maintenance efficiency & planning
- Full access to raw-data
- Early warning & critical notifications
- Business insights

Comprehensive sensor offering

Full failure coverage with accurate diagnostics



Implementation process

Seamless and hassle-free



Monitored machines

Crushing & Screening

- Primary Jaw & Gyratory Crushers
- Secondary Cone & Crushers
- Screens
- Vibrating Grizzlies
- Feeders

Grinding & Milling

- SAG & AG Mills
- Ball Mills
- Rod Mills
- Mill Motors & Gearboxes
- Pinions & Trunnions

Bulk Material Handling

- Conveyors
- Stackers
- Reclaimers
- Ship Loaders
- Belt Feeders

Slurry & Water Pumping

- Slurry Pumps
- Process Water Pumps
- Cyclone Feed Pumps
- Tailings Pumps
- Underflow Pumps

Flotation & Separation

- Flotation Cells
- Agitators
- Froth Pumps
- Air Blowers
- Scrubbers

Utilities & Plant Services

- Cooling Towers
- Compressors
- Air Dryers
- Induced & Forced Draft Fans
- Dust Collectors

About Razor Labs

Razor Labs is revolutionizing the mining industry with DataMind AI™, its cutting-edge all-in-one AI solution for predictive maintenance. By combining sensor fusion with advanced analytics, the company empowers mining operations to prevent critical machine failures, maximize equipment reliability, enhance safety, and reduce operational costs.

As a publicly listed company (TASE: RZR), Razor Labs partners with leading mining companies worldwide to drive digital transformation across their sites. The company maintains a global presence with offices in **Tel Aviv, Perth, Sydney, New York, Bogota, and Johannesburg.**

For more information or to request a demo, visit www.razor-labs.com or email discover@razor-labs.com

Mining Technology
EXCELLENCE
AWARDS

2024 & 2025

R&D, Innovation
& Safety



2024 & 2025

Digital transformation
& AI in Predictive
Analysis



CBINSIGHTS

The most innovative
industrial tech
company



Industrial IoT.

Industrial IoT
Product of the
year

DataMind AI™ at a glance



\$108,000 saved

Crusher

Recurring oversize prevented,
avoiding downstream downtime



\$1,120,000 saved

Stacker

Critical boom pulley failure
prevented



\$540,000 saved

Compressor

Critical gearbox failure
prevented via early detection



\$234,000 saved

Centrifuge

Drum imbalance resolved
within 2 days



\$195,000 saved

Pump

Performance drop detected
through curve monitoring



\$648,000 saved

Ball Mill

Identified false brinelling
missed by traditional methods

Our partners

