

MINING & HEAVY EQUIPMENT



Efficient Solutions for Safer, Smarter Operations

Deliver with precision using predictive tools to optimise every journey.

THE POWER TO PREDICT





Your unique operation, Your unique Crystal solution.

With so much at stake and so many moving parts to the operation, the duty of mining and yellow equipment management can easily become as challenging as the business of mining itself. It's not just your own people, property, and processes that you need to worry about, it's the responsibility to all the other external stakeholders in the mix, that make this task more complex than most. That's where we come in.

With 40 years of experience, we've perfected the way to uncomplicate the complicated - and with Crystal, not only is it simpler and easier to do, but it's also more powerful than ever before. It's a giant leap from mere tracking and reporting to the Power to Predict.

Crystal is a totally customisable platform, super easy to use and accessible from anywhere, on any device at anytime. Everything you've come to know and trust from Ctrack is now available in one place. Add cutting edge Telematics and AI functionality for a business intelligence tool that ditches simple reporting, for accurate and truly powerful prediction.



Reduce risk and minimise safety hazards



Optimise fleet productivity and efficiency



Improve asset management and tracking



Manage and improve driver behaviour



Automate and streamline compliance

A giant leap from mere tracking and reporting to
The Power to Predict.

Real time insights for real operational improvements.

Advanced features to plan ahead and optimise your mining & heavy machinery operations.

RISK MANAGEMENT

Get ahead of safety hazards and take action before it is too late.

Crystal helps you build a safer and more efficient mining operation with:

- **Comprehensive Safety Measures:** Protect personnel and equipment from misuse during operations.
- **Access Control:** Ensure only authorised individuals and machinery enter designated areas.
- **Proactive Hazard Prevention:** Identify health and safety risks early to take preventative action.
- **Smart Safety Implementation:** Leverage the Power to Predict for a safety-first culture that aligns with business goals.

Foster a safety-focused operation that drives productivity and profitability.



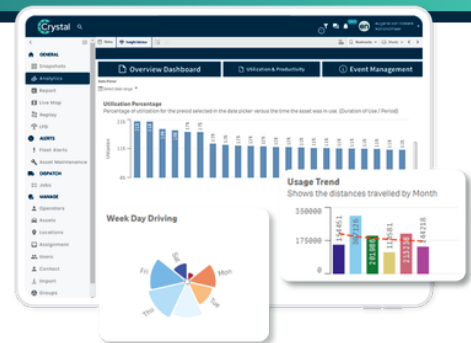
ASSET TRACKING & PERFORMANCE

More equipment uptime. More often. More efficiently.

Crystal ensures complete visibility and smarter management of your equipment:

- **Real-Time Monitoring:** Track the location and activity of fixed and mobile equipment.
- **Proactive Hazard Detection:** Leverage telematics and AI to identify and act on potential risks early.
- **Operational Optimisation:** Analyse data to confirm optimal operations or redeploy assets for greater productivity.
- **Smart Maintenance Planning:** Schedule maintenance in advance to minimise breakdowns and disruptions.

Keep your equipment running at peak performance with Crystal's advanced insights.



COMPLIANCE & REPORTS

Submit compliance reports with minimum fuss.

Crystal takes the complexity out of data management and compliance with:

- **Comprehensive Data Collection:** Gather real-time updates from all equipment across departments.
- **Clear Insights:** Access and understand data easily, with information tailored for compliance.
- **Accurate Reporting:** Confidently file reports and forecasts that meet regulatory requirements.

Focus on your mining operation while Crystal streamlines compliance and reporting.



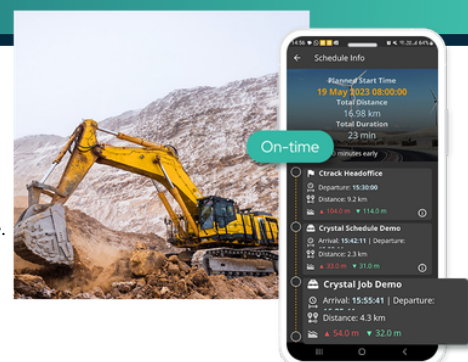
DRIVER BEHAVIOUR

Get the most out of your drivers.

Crystal's Power to Predict extends its benefits to your customers and beyond:

- **Proactive Alerts:** Provide advance notice of en-route delays for better planning.
- **Detailed Updates:** Share comprehensive information on deliveries, collections, and shipments.
- **Trust and Credibility:** Strengthen customer relationships with reliable, transparent service.

Crystal helps you build customer confidence and deliver excellence at every step.



The Power to Predict

Your all-in-one fleet management solution that goes beyond tracking and reporting.

Advanced features to plan ahead and optimise your fleet management operations.



Safety & Security

- Video camera solution: Dashcam and Iris angle facing options around vehicles
- Vehicle & fleet stolen vehicle recovery services
- Remote sensors – doors, tipping, tankers
- Driver identification
- Restricted areas and hours utilisation



Driver Behaviour

- In-cab communication, navigation & task scheduling
- Incident alerts & alarms
- Driver Performance monitoring
- Two-way messaging Speed and RPM monitoring



Asset Management

- Fuel consumption monitoring
- Engine performance monitoring (CANbus)
- 24/7 Bureau service
- Online fleet management software
- Vehicle inspections – Notes with images



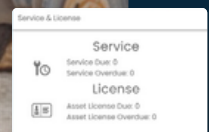
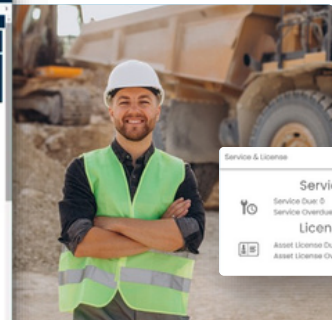
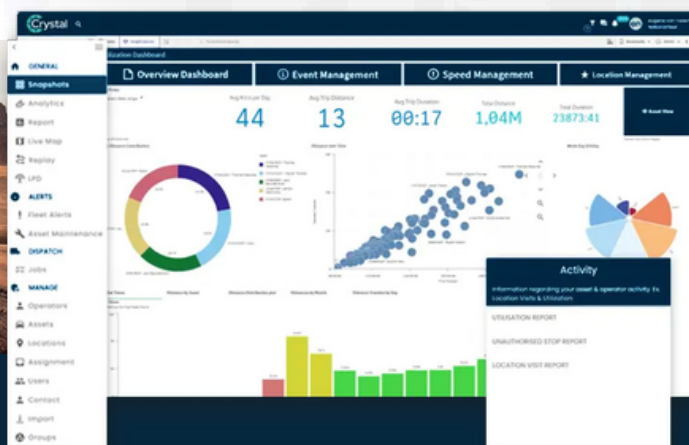
Productivity & Efficiency

- Job scheduling & route planning
- Rich fleet analytics
- Live productivity dashboards
- Restrict specific zones



Compliance

- Billing records matching asset usage
- Electronic proof of delivery (ePOD)
- Maintenance records
- SMART Integration with third-party systems
- Integrated hour meters



CONTACT

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