



Mining & Heavy Equipment

# Fully customisable, fully capable.

Where insight becomes foresight to plan ahead and  
optimise your mining & heavy machinery operations.

The Power to Predict

by  track





## 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 metal 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 more than 35 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.

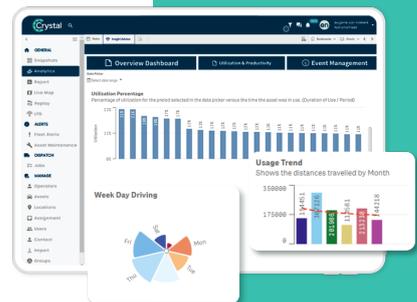
A safe mining operation is a profitable one and not just the personal safety of everyone while they're on site. Safety extends to the guarding and protection against misuse of all the equipment while in operation. Safety culture also extends to keeping the right people and machinery in the right places at the right time, ensuring that no one enters an area that's outside of their permissions. Health and safety hazards can be identified well in advance so that preventative actions can be taken before it's too late. Crystal offers the Power to Predict, so that the single-minded approach to safety get's respected and implemented in a way that makes business sense, too.



## ASSET TRACKING & PERFORMANCE

More equipment uptime. More often. More efficiently.

Having eyes on all the equipment, whether it's fixed or mobile, means you can know where your Yellow Equipment has been, what it's up to now and with the foresight from advanced telematics and AI, see the trend data of a potential hazard playing out, with time to act before you are forced to react. This also means you'll have the data to prove whether operations are optimal, or if an any asset needs redeployment somewhere else to contribute to higher revenue per ton, today. And when the work is done for the day, use Crystal to plan the smartest way to schedule your maintenance in advance, minimising breakdowns and costly disruptions for more up-time, more of the time.



## COMPLIANCE & REPORTS

Submit compliance reports with minimum fuss.

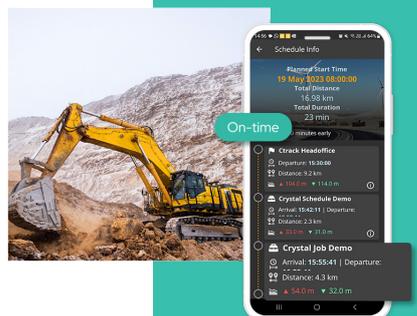
While you focus on running a successful mining operation, we'll focus on collecting thousands of data points that are constantly being updated in real time, from every piece of equipment in every department. Let Crystal package this information in a way that's easy to access, simple to understand and presented in a way that's geared for compliance. Confidently and accurately file reports and submit forecasts that tick all the right boxes with all the right people, with minimal fuss.



## DRIVER BEHAVIOUR

Get the most out of your drivers.

It's not only our customers who benefit from the Power to Predict, it's the real value that's passed on to your customers further down the line, that matters even more. Being able to give a heads-up about en-route delays, or a detailed account of deliveries, collections and shipment times, Crystal offers a way to build trust and credibility for customer service excellence.



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



## Safety & Security

- Driver identification
- Collision avoidance sensors
- Video camera solutions: Dashcams & multiple angle facing options
- Breathalyser
- Tip sensor



## Productivity & Efficiency

- Fuel level & consumption monitoring
- Onboard weighing
- Up time of equipment
- Operating hours



## Driver Behaviour

- Driver performance monitoring
- In-cab communication
- Navigation & task scheduling
- Incident alerts & alarms
- Two-way messaging



## Asset Management

- Live productivity dashboard
- Fleet analytics
- Fleet management software
- Real time visibility



## Control (Compliance)

- Tachograph Information
- Digital IO monitoring
- GEO fencing
- Accident analysis



## The Power to Predict

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

Get a customised solution with SMART Integrations into your business and individual requirements.

Crystal's scalability extends even further with our SMART Integrations, seamlessly connecting with third-party applications that cater to your specific industry needs. Whether it's activating bespoke SMILE scripts, monitoring trailers, implementing breathalysers, or keeping an eye on temperature in the cold-chain, our unique differentiators can be applied to any industry.

Crystal Analytics is where Telematics and Business Intelligence meet, so that real decisions can be made that not only increase productivity but reduce costs as well. It's big data, simplified – putting the Power to Predict in the palm of your hand.

Professional service centre to outsource your fleet management saving you time and money.

Crack Bureau Services offers a fully fledged service center with professionals to manage your growing fleet, analyse data and proactively identify areas of improvement.



Scan QR Code to instantly chat to a Specialist or contact us at [0860 333 444](tel:0860333444) or [crack.com](http://crack.com) to learn more.

