



CRYSTAL SOLUTION

The Future of Fleet Asset Management with **AI-Powered Predictive Insights**

A single-platform solution, combining Telematics and AI that is scalable to your business needs.

THE POWER TO PREDICT

Introducing

Crystal by Ctrack

Work proactively with crash risk – from portfolio level down to individual fleets, drivers and trips.

Crystal represents the pinnacle of Ctrack's innovation – a singular platform where the precision of Telematics converges with the foresight of Artificial Intelligence to harness the full power of Data Intelligence. This platform stands as a beacon of modern Fleet Asset Management, offering a live pulse on operations through its real-time monitoring capabilities and comprehensive analytics.

Designed to serve an array of industries, Crystal transcends the conventional, delivering bespoke operational optimisation, bolstering safety and equipping businesses with astute decision-making tools. Its versatility shines through its modular architecture, which invites companies to sculpt Crystal to their unique contours, ensuring it grows in tandem with their evolving needs.

With Crystal insights become foresight to plan ahead and control what is important to you.

We go beyond merely tracking your trucks, cars and assets.

This approach fosters safer environments, boosts performance, and lowers overall costs.



Optimise fleet productivity and efficiency



Reduce risk and minimise safety hazards



Improve asset management and tracking



Automate and Streamline Compliance



Manage and improve driver behaviour



Core Value

Offerings

Discover the core value offering of our comprehensive suite of tools that can revolutionise your operations:

-  **Dashboard Snapshots** Gain a quick overview of your operations with our intuitive dashboards that highlight key areas needing attention, ensuring you focus on what matters most.
-  **Dynamic Reporting** Easily generate detailed reports that support informed decision-making and enhance administrative efficiency with our sophisticated data analysis tools.
-  **Live Map Monitoring** Maintain constant visibility of your fleet with real-time tracking and live updates, providing complete oversight and control over your assets anytime, anywhere.
-  **Replay Functionality** Analyse past operations with our historical data review, helping you understand trends and improve future fleet management strategies.
-  **Productivity Dashboard** View real-time and historical activity of all assets through our Live Productivity Dashboard, offering a comprehensive snapshot of your fleet's operational status.
-  **Intelligent Fleet Alerts** Stay ahead of potential issues with automated alerts powered by a sophisticated rules-based engine, allowing for quick response to any critical fleet changes.
-  **Pro-active Asset Maintenance** Schedule maintenance proactively with our system that tracks service needs, reducing downtime and extending asset longevity.
-  **Detailed TACHO Analysis** Monitor key vehicle metrics such as fuel levels, RPM and engine temperature to manage vehicle performance effectively and ensure compliance.
-  **Efficient Job Management** Assign and monitor tasks seamlessly, enhancing productivity and ensuring efficient completion of operations.
-  **Advanced Location Management** Manage and monitor Geo-Zones, track site visits and analyse logistical data to optimise your operational footprint.
-  **Tollgate Optimisation** Reduce operational costs with managed toll expenses, optimised route planning and strategic toll usage.
-  **Crystal Mobile Integration** Keep your fleet connected with Crystal Mobile, facilitating direct communication and real-time task management between managers and drivers.

Crystal Plug-Ins

Select the Plug-Ins That Fit Your Business

Crystal boasts a modular architecture offering a range of Plug-In options to perfectly match your business's unique needs. This flexibility ensures that whether you're looking to enhance specific functionalities or integrate comprehensive solutions, Crystal adapts to you, promising a perfect fit for your operational requirements.



Analytics

Advanced Analytics Insights for Informed Decision-Making

Unlock actionable insights and drive smarter fleet management with the Analytics Plug-In, leveraging data for informed decision-making and operational optimisation.



Temperature Report

Precise Temperature Monitoring for Sensitive Cargo

Guarantee the integrity of temperature-sensitive goods with the Temperature Report Plug-In, providing detailed temperature tracking and alerts to ensure product safety during transport.



Camera/Video

Enhanced Fleet Safety and Security

The Video Plug-In offers 24/7 video surveillance of your fleet operations, enhancing safety, security and incident response with real-time and historical footage.



Vantage

Advanced Transportation Management for Smarter Planning and Execution

Helps you save time through effective planning, optimises your operations for the best results, and ensures seamless execution, all supported by convenient mobile tools.



S.M.I.L.E

Custom AI Solutions for Smarter Fleet Management

Tailor your fleet's operational intelligence with the Small Mobile Interpreted-Language Engine (S.M.I.L.E) Plug-In, integrating custom scripts for enhanced decision-making and operational efficiency.



Tollgates

Toll Management Simplified

Enhances the management of your fleet's toll transactions, providing seamless integration with national toll systems for a smoother journey for drivers.



Cost Curve

Comprehensive Asset Management to Track Lifecycle, Spend and Performance

Gives full oversight of every fleet asset with cost tracking, utilisation insights and lifecycle management to reduce expenses and maximise value.



Streamlining Communication From Manager to Driver

Crystal Mobile bridges the gap between fleet managers and drivers, ensuring real-time communication and task management.

Secure Access

Password and biometric login, with compatibility across iOS and Android.

Navigation and Tracking

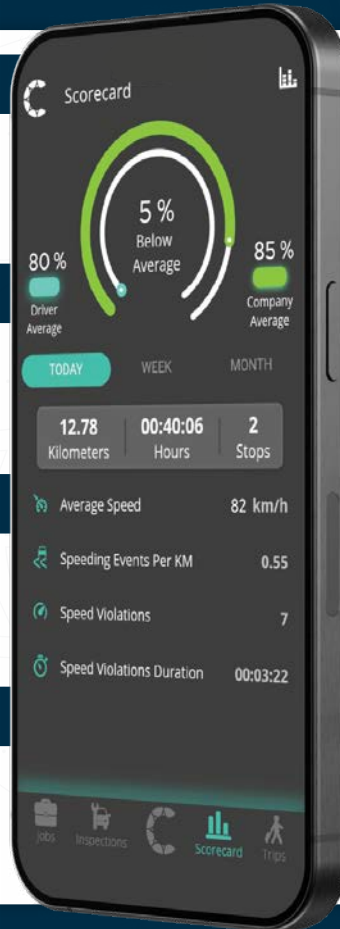
Optimised routing with live maps, comprehensive real-time location monitoring.

On-the-Go Inspections

Direct reporting from the app, streamlining inspections and reporting processes.

Job Assignments

Drivers receive tasks in real-time, enhancing responsiveness and task management.



Video

Access live video feeds and view events in real time for oversight and driver support.

Business/Private Mode

Switch business and private modes for trip categorisation and tracking.

Driver Scorecard

Offers feedback on performance to facilitate driver improvement.

Live Chat

Instant communication between driver and manager, supporting efficient coordination and driver support.

The Power To Predict

“The Power to Predict” encapsulates the essence of Crystal by Ctrack’s predictive analytics capabilities, offering businesses strategic advantages in fleet and asset management:



Intelligent Fleet Alerts

Utilise historical data analysis to anticipate and address future challenges, ensuring operations are always a step ahead.



Cost Reduction

Strategic forecasting leads to significant savings by optimising fuel usage, reducing toll costs and avoiding emergency repairs.



Operational Efficiency

Enhance efficiency with smarter route planning and predictive maintenance, minimising downtime and maximising productivity.



Strategic Insights

Transform data into actionable insights for improved resource allocation, risk management and opportunity identification.



Ctrack has been at the forefront of telematics and Fleet Asset Management for more than four decades, helping organisations improve efficiency, enhance safety and optimise operations. As we expand internationally, we remain committed to innovation, continuously evolving our technology to meet the changing demands of businesses across industries. Our legacy is built on reliability, adaptability and a deep understanding of Fleet Asset Management, supported by established operations across Africa, the UK, Europe, Australia and New Zealand. With Crystal, our next-generation modular platform, we empower businesses with real-time data, predictive insights and AI-driven analytics, ensuring smarter decision-making and operational excellence.

CONTACT US



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