

PLANNING AND EPOD PLUG-INS

Strategically Plan and Execute Business Operations and Tasks

Elevate Fleet Asset Management with Crystal Planning and EPOD Plug-Ins, turning complex logistics into clear, actionable plans.

THE POWER TO PREDICT

INTRODUCING

Crystal by Ctrack

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



INTRODUCING

Planning and EPOD Plug-Ins

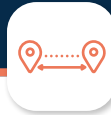
The Crystal Planning and EPOD Plug-Ins are revolutionising Fleet Asset Management by seamlessly integrating three critical components: jobs management, route management and scheduling.

These comprehensive solutions transform complex logistics into clear, actionable plans.



Job Management

The jobs management core module allows for the easy creation, assignment and tracking of tasks, ensuring drivers receive and complete jobs efficiently through the Crystal Mobile App.



Routing

Route management optimises multiple routes, ensuring cost-effective and timely deliveries.



Scheduling

The scheduling feature enables effortless planning and allocation of tasks, with real-time monitoring and customisable notifications to keep all stakeholders informed and on track.



EPOD (Electronic Proof of Delivery)

EPOD enhances delivery confirmation with digital, instant proof of delivery, capturing signatures and photos, generating detailed reports.

Together, these three elements provide a robust framework that enhances operational efficiency, maximises capacity utilisation and drives superior task coordination.

CORE

Jobs

Plug-In Modules

Planning

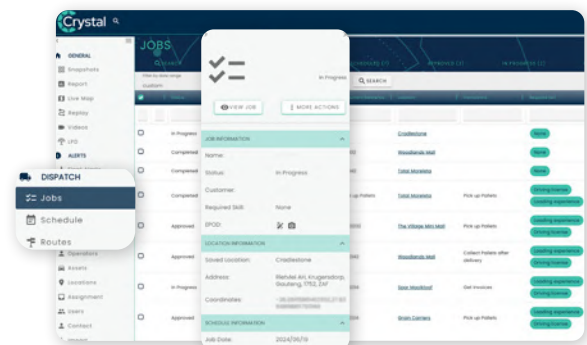
Electronic Proof of Delivery

Fleet Management

Jobs Management

Jobs Management is a Core offering of Crystal and forms the building blocks of effective routing and scheduling. This module ensures seamless task creation, assignment and tracking, enabling drivers to receive and complete jobs efficiently through the Crystal Mobile App. With comprehensive reporting and a robust completion workflow, fleet managers can maintain high standards of operational efficiency.

- **Comprehensive Task Management**
Schedule and manage multiple tasks with custom notifications.
- **Create Tasks/Jobs for Drivers**
Easily assign and track jobs.
- **Driver Acceptance via Mobile App**
Drivers can accept and execute jobs through the Crystal Mobile App.
- **Job Completion Workflow**
Ensure jobs are completed with detailed tracking.
- **Comprehensive Reporting**
Generate detailed reports on jobs.



Route Management

The Route Management component of the Crystal Planning Plug-In optimises multiple routes, utilising real-time data to ensure cost-effective and timely deliveries. This module provides a reliable and efficient route planning solution.

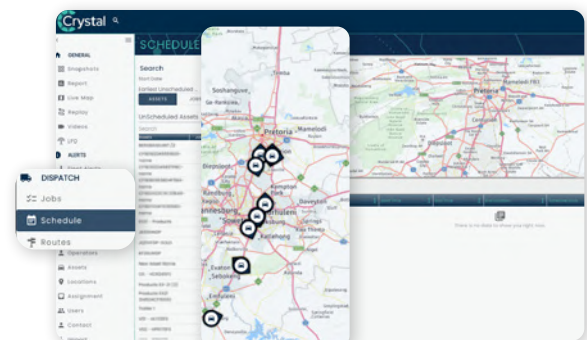
- **Route Optimisation**
Create, manage and optimise multiple routes.
- **Real-Time Tracking**
Monitor task progress, save and share routes for efficient planning.
- **Automatic Optimisation**
Ensure efficient paths for tasks based on time or distance.



Scheduling

Scheduling within the Crystal Planning Plug-In enables effortless planning and allocation of tasks. With real-time monitoring and customisable notifications, fleet managers can ensure all stakeholders stay informed and on track. This module supports job scheduling based on distance, time and sequence, optimising operational efficiency.

- **Effortless Scheduling**
Plan tasks, save schedules as routes and share with users for real-time tracking.
- **Job Scheduling**
Allocate and optimise jobs for distance, time and sequence.
- **Real-Time Monitoring**
Track schedules via Gantt Charts, with real-time event notifications for route deviations.



OPTIMISING

Route Planning

Optimising route planning can bring numerous benefits to fleet operations, including:



Reduce Distance Travelled

The main objective of route planning is to ensure vehicles travel the least distance possible. Proper route optimisation plans the optimal route, reducing kilometres driven and saving fuel.



Pickup and Delivery

With accurate data, fleet managers can identify patterns and form insights for better asset usage and optimised delivery and pickup routes. Using the same asset for multiple pickups and deliveries along a single route reduces fuel consumption, driver time and asset allocation.



Vehicle Maintenance

Proper route planning results in less wear and tear on vehicles. A vehicle's condition directly impacts its maintenance needs and longevity, reducing overall costs and conserving valuable assets.



Fuel Savings

By optimising routes, fleets can minimise unnecessary fuel consumption. This leads to significant cost savings and more efficient use of resources.



Reduce Greenhouse Gas Emissions

Route planning and optimisation reduce environmental impact. Minimising unnecessary kilometres and idling in traffic lowers greenhouse gas emissions. Proper fleet telematics help companies reduce their carbon footprint by limiting CO₂ emissions.

By implementing these strategies, fleet managers can achieve significant operational efficiencies, improve service delivery and contribute to environmental sustainability.



CRYSTAL PLUG-IN

Electronic Proof Of Delivery

Enhanced Delivery Confirmation Process

Revolutionise your delivery confirmation process with the EPOD Plug-In, offering digital, instant proof of delivery to boost customer service and trust. Here's how the EPOD Plug-In transforms your delivery operations:

Digitalises the Delivery Confirmation Process



Seamless Integration

Integrates EPOD requirements into existing job workflows, ensuring every delivery is accurately recorded and tracked. This eliminates the need for paper-based proof of delivery, streamlining administrative processes.



Real-Time Updates

Provides real-time delivery status updates to all stakeholders, enhancing transparency and enabling quick response to any delivery issues.



Efficient Workflow

Automates the capture and storage of delivery data, reducing manual entry errors and speeding up the confirmation process.

Signature and Photo Evidence Collection



Undeniable Proof

Captures digital signatures and photographs at the point of delivery, providing irrefutable evidence of successful deliveries. This feature significantly reduces disputes and enhances accountability.



Geo-Tagged Photos

Ensures that photos are Geo-Tagged and time-stamped, adding an extra layer of verification to the delivery confirmation.



Customer Interaction

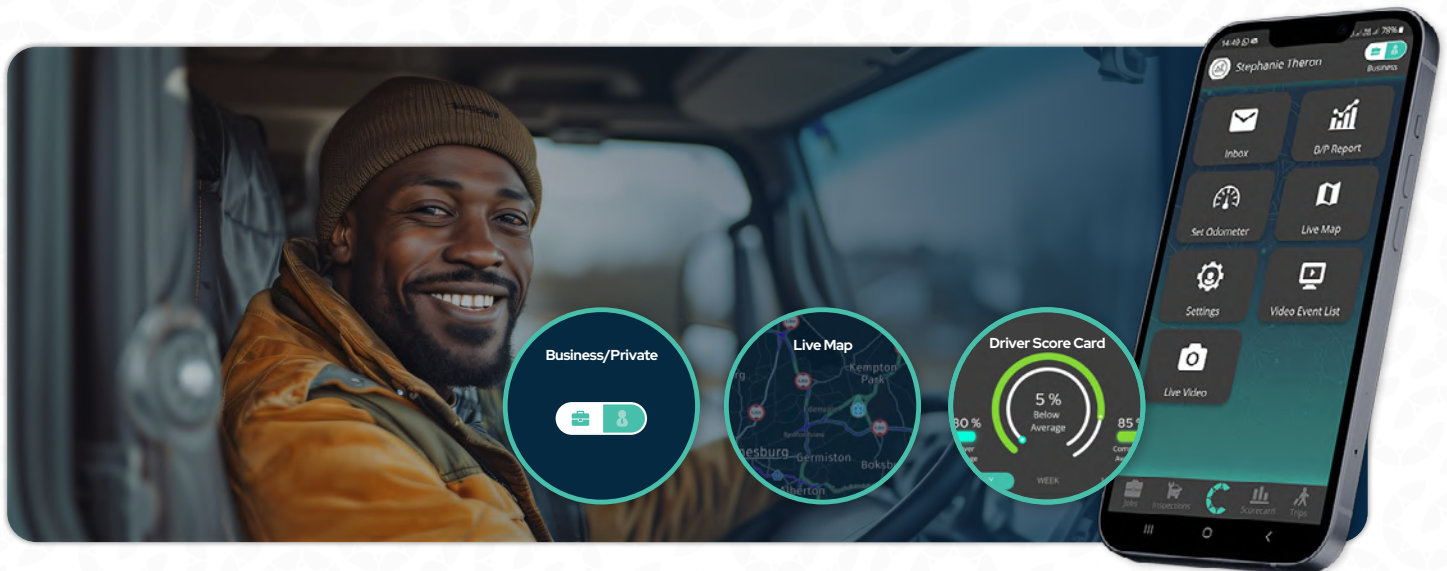
Allows for notes and additional comments to be recorded at the point of delivery, facilitating better communication and customer satisfaction.

OPTIMISING DRIVER PERFORMANCE

Improving Job Management and Communication

Planning and EPOD on the Crystal Mobile App

The Crystal Mobile App is an essential tool for drivers, providing all the information needed to execute tasks efficiently and effectively. The app covers every aspect of the driver's workflow, from job management to route optimisation and delivery confirmation.



With the Crystal Mobile App, drivers have everything they need at their fingertips, enabling them to perform their duties with maximum efficiency and accuracy.

Jobs Management

Receive Job Instructions

Drivers receive detailed task assignments directly on their mobile devices.

Accept and Execute Jobs

Easily accept new tasks and mark them as complete once finished.

Track Job Completion

Use the app to ensure all tasks are tracked and reported accurately, maintaining a clear workflow.

Route Management

Optimised Routes

Access the most efficient routes for timely deliveries, with real-time navigation support.

Monitor Progress

Keep track of task progress and share routes for efficient planning and execution.

Scheduling

Follow Planned Schedules

Adhere to planned schedules with real-time updates and tracking.

Receive Custom Notifications Get instant alerts for new task assignments.

EPOD (Electronic Proof of Delivery)

Capture Proof of Delivery

Collect digital signatures and photos as undeniable proof of delivery.

Generate EPOD Reports

Ensure comprehensive delivery analysis with detailed EPOD reports.

On-the-Go Management

Manage all EPOD tasks efficiently through the mobile app.



Ctrack has been at the forefront of telematics and Fleet Asset Management for 40 years, delivering cutting-edge solutions that drive efficiency, enhance safety, and optimise operations. As we celebrate this milestone, 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. 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.



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