

OCC ASSET AND FLEET MANAGEMENT SYSTEM

Connecting your business to essential technology resources for enhanced operational awareness.

The increasing incidents of vehicle hijackings, misuse and cargo theft in South Africa have adversely impacted the timely and efficient delivery of services by many companies, raising serious concerns.

As the costs of fuel, insurance and maintenance continue to surge, organisations are increasingly in search of decision support tools to monitor their assets and fleet. These tools are crucial in mitigating the rising operational costs and mitigating adverse effects on the bottom line.

The Operational Command Centre (OCC) Asset and Fleet Management System, designed by the CSIR, serves as a decision support tool providing clients with situational awareness for effective and efficient management of operational assets and personnel safety. Featuring a 24/7/365 live-tracking and monitoring capability, this system provides continuous visibility into owned assets and fleet. It enables customers to generate detailed reports on fleet diagnostics, as well as on the health and status of their assets and fleet.

Additionally, the system incorporates a "green driving" feature, allowing clients to monitor instances

of harsh braking, harsh cornering and over-speeding.

This functionality enables organisations to monitor and regulate poor driving behaviour, ultimately enhancing staff safety and productivity.

The OCC mobile application (app) facilitates seamless connectivity for system users, enabling interaction from any location. Fleet managers, operations personnel, drivers and service support personnel can collaborate efficiently on a unified platform, managing vehicle assignments and work orders effortlessly through a single app.

In-time tracking

The OCC provides end users with the capability to track vehicles, allowing them to have real-time awareness of the current location of each vehicle within the fleet.



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Trip logs

The trip-log feature empowers fleet managers with the ability to record, retrieve and redraw past trips completed by vehicles over a specified period.

Vehicle status

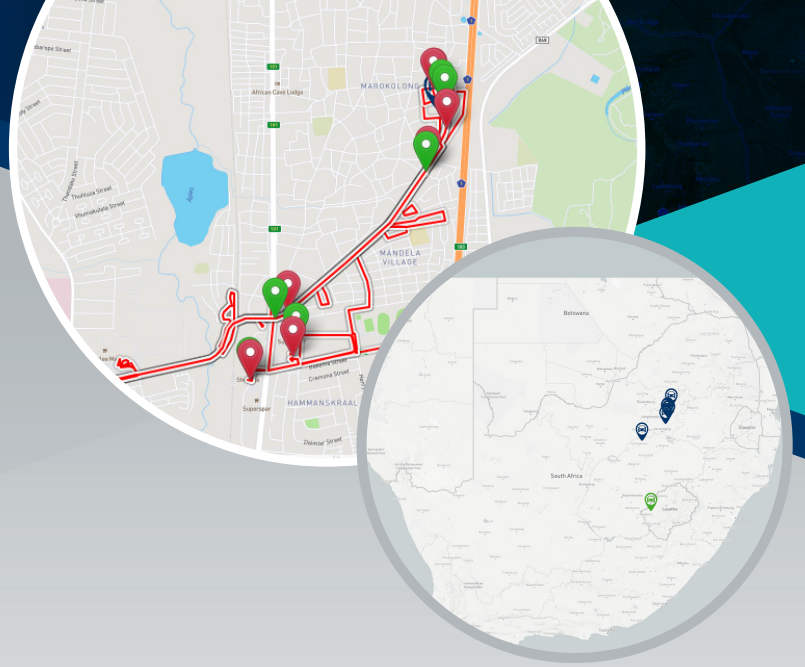
The system offers a comprehensive overview of the entire monitored fleet and assets, continually providing real-time updates. This ensures fleet managers can access, monitor and evaluate the status of all vehicles, facilitating prompt support when needed. Additionally, the system is customisable, allowing parameter selection based on specific operational requirements.

Alerts

The alerts provide the fleet managers timely insights into past and current events as they unfold. This feature incorporates notifications and tones to capture operators' attention when important events are reported. Moreover, the alerts are customisable, allowing fleet managers to tailor them based on their specific areas of interest.

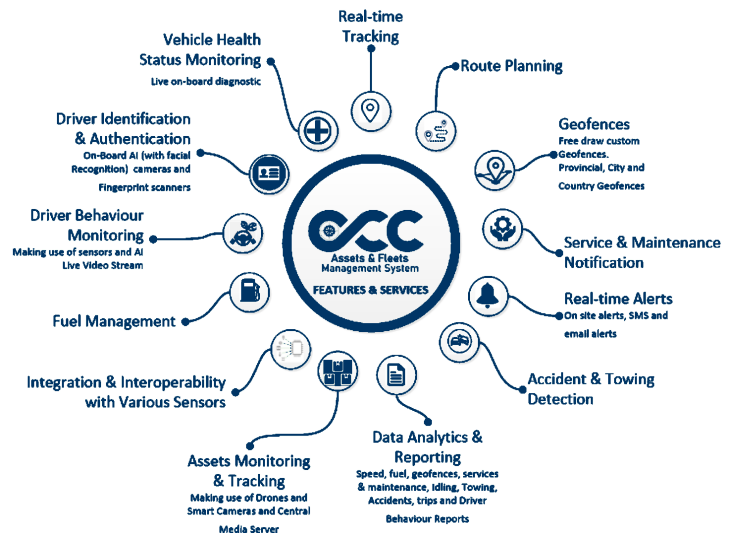
Reports

The system allows for the generation of reports, providing users with flexibility in report customisation based on their preferences. These reports can be generated for dynamic periods and the system is capable of producing a variety of reports related to vehicles and drivers, leveraging accumulated data.



Route planning

The route planning feature empowers fleet managers to create and save frequently used routes. These pre-established routes can be used for trip scheduling, where drivers are assigned to available vehicles. The route plan includes essential details such as route distance, predicted duration, trip purpose, scheduled date and time, as well as estimated time of arrival. Consideration of traffic and other potential delays during the trip ensures optimisation for efficient travel.



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