

The DCA400 High Level NextG™ Tracking devices

DCA420 NextG™ Tracking Unit (Advanced)

Also known as the *Ctrack iS220*, the DCA420 is manufactured and backed by one of the world's leaders in GPS technology. This is a powerful GPS product contained in small and robust container, with an internal aerial for ease of installation. It sends data to our famous *C-track MaXx* platform that also gives our users the options of web-based as well as a smartphone and tablet interfaces.



DCA420 is a full featured, scalable, remotely upgradeable mobile solution developed for the tracking and management of professional hauliers, logistics and supply chain management, mobile workforce management, mining, public transport and emergency services.



In addition to recording vehicle status, location and trip information, DCA420, also proactively assists the driver to remain within the set parameters for safe and economical vehicle use. This is achieved by an audible pre-warning and continuous violation alarm. These exceptions are also reported to Ctrack software users and recorded for further analysis in the Ctrack management software.



The DCA420 features several digital inputs and outputs, which may be used to monitor and control peripheral auxiliaries such as PTO, driver and or passenger door opening, seat belt engagements, sirens and actuators. Peripheral 3rd party devices such as barcode scanners, satellite navigation units, fuel level indicators, temperature loggers, onboard weighing systems and fare collection solutions can be integrated to add further value to this fleet management system.

When integrated to a driver terminal device a comprehensive task management system is enabled, which includes two way communication, navigation and driver identification. Task or job instructions such as job number, description, job location, job to be completed and action required are received from the Ctrack software.

A wide range of reports, including Tacho Analysis, Daily Usage, Graphic Usage, Movement, Fleet Emission, Driver Licence, Vehicle Maintenance, Fuel Summary and GYR Driver Rating are generated using the server based Ctrack MaXx software.

The power of the DCA420's telematic information is realised through Ctrack's easy-to-use suite of software solutions that add value to your business. The software solutions provide real-time access to your fleet through either a computer or mobile device, and include valuable management information to increase overall productivity and effectiveness.



So, if you want a comprehensive solution that keeps your fleet always visible, then the flexibility of Ctrack's software solutions is what you have been looking for.

Ctrack Mobi provides real-time access to the latest information and whereabouts of your fleet and employees from mobile devices such as smartphones and tablets. This easy-to-use application gives you an instant snapshot as to the location of your vehicles and assets along with their status details such as speed in list and map views.

Ctrack Mobi is the ideal solution for remotely viewing your fleet when you are away from your office. *Ctrack Online* is suitable for fleets of all sizes, providing immediate operational benefits and financial returns. Information on vehicles, drivers, points of interest, geo-zones, general businesses, addresses and tasks are all available within Ctrack Online.

Using mapping such as Google, Nokia, Tele Atlas and Digital Globe, Ctrack Online enables a variety of viewing options to monitor multiple and individual vehicles in normal, terrain and satellite views (with labels) as well as access to live traffic flow information and journey directions.

No-go, preferred and waypoint geo-zones may be created to trigger email and SMS alerts regarding unauthorised vehicle movements into or out of predefined areas.

Making use of *Ctrack Online*, dispatch and schedule tasks may be effectively allocated to drivers by identifying the nearest vehicles to a job and selecting the appropriate employee based on required skill set. And via quick route calculations, distance and expected travel time can be displayed.

Trip replays analysed with comparison overlaying map feature that monitors vehicle journeys on the map to identify job allocation issues and areas of improvement to increase jobs per week and maintain customer service.



FLEET MANAGEMENT PERIPHERALS

Driver Terminal Devices

- **cCom**

Ctrack cCom is an in-cab display for navigation and displays warning messages should a driver exceed speed, RPM or idling time parameters.

- **On the Road**

Ctrack On the Road is a complete onboard navigation and logistics system that helps fleet operators save time and money through advanced navigation, optimal routing, constant communication with drivers and better driving behaviour.

- **Text Communication**

Free or predefined text messages may be sent back and forth between the Ctrack Management Software and the driver via the Driver Terminal device.

- **Driver Behaviour Indicator (DBI)**

Ctrack DBI is an in-vehicle device that promotes better driving behaviour through a series of green, amber and red warning lights that instantly alert drivers of any infringements. This brings about fuel savings, lower CO2 emissions and lower vehicle maintenance costs.



Also refer to our *Ctrack Fleet Management and Tracking* brochure for more detail on the Ctrack product range.