

earthtrack™

INFORMATION SYSTEMS

SECTION ET 3



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The **EarthTrack™** Satellite Data Capture & Tracking system is a versatile monitoring and productivity tool designed to allow the user to track and capture machine data in Real Time. The system utilises a vehicle transponder, satellite tracking technology and web based global position software to capture vehicle data and report the location of any machinery anywhere in the world.

The machine transponder communicates with a satellite base station, which relays the global positioning of the machine via a satellite to a web based global view system such as Google Earth. The data captured from the machine is stored on RCT's secure web server, which the user can then access and view by logging into their RCT account.

The applications for this tool are infinite. Usage includes tracking and analysing data from hire fleets, to tracking delivery schedules for transport fleets and monitoring the Real Time position of mining equipment.

Light vehicles - Buses - Trucks - Loaders - Excavators - Pumps - Compressors - Shovels - Trains - Shuttle carts - Timber grabbers Cranes - Dump trucks - Light towers - Graders - Dozers - Drill rigs - Boats - Military vehicles and much more...



Part No: 8819

Description: KIT POSITIONING SYSTEM
COMLINK SATELLITE



The EarthTrack™ Digital Logging Device (DLD) is a versatile, low cost solution, which enables you to monitor and manage the performance and productivity of your fleet with minimal fuss.

The system electronically records and stores up to 6 months of operating data for each machine. The data is then downloaded to a portable data collector or directly onto a personal computer (PC) for further analysis.



Part No: 1350

Description: RADIO MODULE T/S DLD'S



Part No: 3370

Description: LOGGER DIGITAL DATA 4 INPUT 8 CHANNELS



Part No: 3371

Description: DOWNLOADER HANDHELD



Part No: 4274

Description: RADIO MODULE DOCKING STATION



Part No: 9165

Description: LOGGER DIGITAL DATA 6 INPUT LCD



Part No: 0698

Description: MOUNT TO SUIT 3370 CAT SPEC



The **EarthTrack™** Digital Logging Device (DLD) is purpose built for underground mining applications. Constructed using an alloy case. The underground DLD is waterproof and resistant to damage from falling debris.

Logs pre-programmed events
Software allows simple and detailed analysis



Part No: 0359

Description: DATA LOGGER 4 INPUT UNDERGROUND



Part No: 1052

Description: DATA LOGGER 6 INPUT UNDERGROUND



The EarthTrack™ Radio Download (short range) system has been designed specifically to be a licence free short range down loading system. The system allows site operators to easily collect data from a fleet of equipment without having to physically go on board each machine to download the information.

The system utilises the existing Digital Logging Device (DLD) with the addition of a low power radio transmitter module. The handheld downloader, with the addition of a radio docking station and antennas allows the retrieval of data from each machine via radio signal. This process dramatically reduces the time taken for the operator to collect data from a fleet of machines and allows information to be retrieved from each machine at anytime without causing machine downtime.



Part No: 3370

Description: DIGITAL LOGGING DEVICE
4 INPUTS



Part No: 1350

Description: RADIO MODULE T/S DLD'S



Part No: 3258

Description: ANTENNA KIT



The EarthTrack™ Portable Remote Payload Display (PRPD) is designed to allow mine site supervisors to monitor the productivity of their fleet from the comfort of their service vehicle. The PRPD comes in a solid metal case for easy portability and is powered by the lighter socket on the dash of the service vehicle. The PRPD communicates with the trucks via radio link and comes with a channel selector to allow the supervisor to select the truck they wish to monitor. This unit displays the exact information as seen on the loading machine.



Part No: 0000

Description: PORTABLE REMOTE
PAYLOAD DISPLAY



The EarthTrack™ Remote Payload Diagnostics Unit (RPDU) has been developed to allow on site service personnel to quickly and effectively diagnose faults with the remote payload display system. The RPDU performs various tests, such as channel selection, weight display, communications and truck loading status. When used in conjunction with the remote payload simulation software, the diagnostic unit can be used to workshop test the machine without it actually performing loading functions.



Part No: 8481

Description: REMOTE PAYLOAD
DIAGNOSTICS UNIT



The EarthTrack™ Remote Payload Display (RPD) system works by transmitting payload data from the truck being loaded to the loading tool, displaying the truck's load status inside the loading machine. This process increases production efficiency by allowing the loader operator to load the optimal weight onto the truck every time.

Compatible with:
 Truck Payload Management Systems (TPMS)
 Vital Information Management System (VIMS)
 Pay Load Management II (PLM II)
 Liebherr (LWS)



Part No: 0210

Description: DISPLAY DASH PAYLOAD

IMAGE
COMING SOON

Part No: 1068

Description: TRANSMITTER REMOTE CAT



Part No: 1448

Description: TRANSMITTER REMOTE CAT VIMS



Part No: 10139

Description: KIT DUAL 6573 DISPLAY

IMAGE
COMING SOON

Part No: 1654

Description: TRANSMITTER REMOTE TRUCK LIEBHERR



Part No: 3010

Description: RECEIVER REMOTE LOADER



Part No: 3275

Description: TRANSMITTER REMOTE TRUCK KOMATSU



Part No: 3664

Description: TRANSMITTER TRUCK

IMAGE
COMING SOON

Part No: 3689

Description: TRANSMITTER REMOTE HITACHI

IMAGE
COMING SOON

Part No: 3691

Description: ADAPTOR COMS LOOM



Part No: 6573

Description: DISPLAY TRUCK



Part No: 8481

Description: UNIT PAYLOAD DIAGNOSTIC



Part No: 8893

Description: CONTROL REMOTE SELECT TRUCK 8C



Part No: 2896

Description: KNOB ASSEMBLY T/S 8893



Part No: 3258

Description: ANTENNA BASE & LEAD RPDS