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Maximum control based on accurate tracking and wider range of information

PT 7000 from ORBCOMM now supports LTE standard

ORBCOMM's PT 7000 rugged heavy equipment tracking and monitoring device is highly valued worldwide for its mobile and dual mode operation in construction and mining industries, even in the remotest areas. The efficient powerhouse now also supports the LTE (Long Term Evolution, 4G) mobile radio standard with optional satellite capability. This means that real-time tracking and control of a wide range of construction machines of all types and sizes is now not only faster, but also more convenient and multifaceted than before. The reason: Fleet management systems such as FleetEdge from ORBCOMM can process even larger amounts of data and thus deliver highly differentiated status reports on the machines and systems in use. Voluminous transfer rates are essential for this. Thanks to the LTE 4G (with 3G/2G fallback) capability of the PT 7000, users can now retrieve, collect and process significantly more information than before, as exact position and status informations can be transmitted just as quickly and reliably as important operational key figures.

A telematics solution is needed to efficiently monitor and control vehicle and machine fleets in the construction, mining, railway and energy supply industries. In addition to sensors and various applications, location and monitoring devices such as the PT 7000 are decisive for consistently high localization and reporting quality. All information, such as system status, motor alarms, temperatures and system position, is transferred to the software solution, where it is processed and made accessible to the user. This is done either via mobile radio or, for critical applications, via satellite connectivity. Depending on the application, the customer therefore has the choice between a pure mobile radio or a dual variant with mobile radio and satellite connection. This provides additional redundancy and enables cost-effective mobile communication.

Easy to configure

To increase operational efficiency and more sustainable use of resources, limits can be set and specific states defined, such as when the device should send an alarm message. Whether low oil pressure, overheated engine or exceeding a geofence - the PT 7000 sends a real-time

warning to which the user can react immediately. As the messages can also be transmitted directly to a mobile device, such as a smartphone or tablet, fleet operators are always kept up to date on the current vehicle and machine status.

The PT 7000 is extremely robustly manufactured to withstand the harsh conditions in the construction and mining industries. A resistant polycarbonate shell protects the technology inside from damage, dirt and moisture, thus meeting the high requirements of protection class IP67.

Illustration

ORB_PT-7000.jpg



ORBCOMM PT 7000: Optimally suited for rough use on heavy equipment in the construction and mining industries (Photo: ORBCOMM)

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ORBCOMM Inc.

ORBCOMM (Nasdaq: ORBC) is a leading international provider of M2M and IoT (machine-to-machine, Internet of Things) solutions for tracking, remote monitoring and control of stationary and mobile equipment in key markets. Companies worldwide network their resources with ORBCOMM products and services to increase transparency and increase the efficiency of operational processes. The broad range of products includes asset monitoring and control solutions including seamless satellite and mobile communications connections as well as powerful hardware and intelligent applications. Comprehensive end-to-end customer support from installation and implementation through to the maintenance of existing customers completes the comprehensive range of services. ORBCOMM's broad customer base includes companies from the transport and supply chain, warehouse logistics, construction machinery, shipping (marine), oil and gas extraction and government agencies.