TTConnect Cloud Service

Advanced Remote Management Platform

Key Benefits

- ✔ Complete machine management
- ✔ Unprecedented level of integration
- ✔ Update your fleet at the touch of a button
- ✔ Collect and analyze machine data to improve efficiencies and cut down on costs
- ✔ Enable new business models

TTConnect Cloud Service management platform offers true plug-and-play functionality and allows customers to monitor and manage vehicles and fleets with unrivaled out-of-the-box experience. TTConnect Cloud Service enables machine OEMs and fleet owners to access machine data from the office, home or mobile with a fully customizable, intuitive front end. In virtue of an unprecedented level of integration, TTConnect Cloud Service allows the user to go beyond traditional device monitoring, and into true complete machine management. TTConnect Cloud Service includes cloud access, connectivity and a ruggedized IoT gateway for a true end-to-end machine management solution.

Features

- Over-the-air updates of complete machine software
- Simple and intuitive configurable portal: no need for programming
- Unparalleled machine integration with TTControl ECUs and displays
- Create and configure alarms
- Access to data in real-time
- Create and deploy advanced analytics models

Use Cases

- Complete machine management
- Device diagnostics
- Machine design optimization
- Warranty cost recovery
- Theft and misusage prevention
- Condition monitoring

Application Fields

- Construction
- Agriculture
- Material Handling
- Municipal

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Product Features

Machine management: TTConnect Cloud Service provides the means to update the software images from electronic devices within your machine, reducing the cost of truck roll and enabling OEMs to maintain the latest firmware images in all machines. OEMs can easily view which machines need to be updated in order to have consistency throughout their fleet. In addition, OEMs can request and receive parametrization and error logs from their vehicle electronics for a complete view of machine and fleet status.

Portal creation and customization: Machine OEMs can customize the portal look and feel to fit their needs and avoid data overload. Represent only the data that is truly significant to you and your customer. The portal offers the possibility to add your own functionalities to increase value to your customer.

Data management: OEMs can configure, in a very simple and intuitive manner, the data capture parameters on the vehicle. Data is safely stored in highly secured data centers and can be accessed at any time from any location. The platform supports:

- Definition of parameters to be monitored.

- Configuration of upload intervals.

- Definition of alarms triggers and reaction method (online notification, e-mail, SMS).

- Machine localization and routing information.

- Remote desktop sharing.

- Report generation of selected data.

- Real-time data.

- Analytics model deployment

User Management: TTConnect Cloud Service provides the means to create different data access permits based on different privacy levels.

TTConnect Wave

TTConnect Wave is a ruggedized IoT gateway that connects your vehicle to the cloud via cellular or wireless interfaces. It is designed to connect vehicles and machines to the TTConnect Cloud Service platform in the easiest and most comprehensive manner in the industry. The device provides standard in-vehicle interfaces such as Ethernet and CAN in addition to its wireless and cellular interfaces.

The device is available in two variants: TTConnect Wave and TTConnect Wave 4G.

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