Empowering
efficiency
through
IoT Connectivity
with

diag
ALMEC
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MECHATRONICS

ALMECdiag Device: IoT Gateway for fleet management

The **ALMECdiag device** enables **real-time monitoring** and diagnostics of vehicles within a fleet.

Installed on mobile machines, this device **collects data** from the electronic system of the fleet and transmitted it to the platform where are generated, for example, enabled users, location of vehicles, usage analytics, hours of work, or other **customized specific activities**.

The ALMECdiag system complements the device by providing a comprehensive **cloud-based fleet management platform** (**ALMECdiag Platform**). The intelligent system utilizes advanced algorithms and data analytics to process the incoming data from the ALMECdiag devices in real-time.

ALMECdiag device

Connected vehicle fleets

Cloud storage
and data computing

ALMECdiag dashboard: cloud-based platform for fleet management

Fleet managers can access the system through a **user-friendly interface**, gaining valuable insights into the performance and health of their entire fleet.

ALMECdiag System: competitive advantage

One of the key features of the ALMECdiag system is its ability to support machine manufacturers in supplying their clients with **proactive maintenance and diagnostics**. By continuously monitoring the data from the ALMECdiag devices, the system can **identify potential issues and anomalies** in the vehicles' performance. This enables fleet managers to take prompt action, scheduling **corrective, preventive, and predictive maintenance** or repairs before a major breakdown occurs.

Moreover, the ALMECdiag system offers a range of additional functionalities. It provides comprehensive **reporting and analytics**, enabling fleet managers to gain deeper insights. The system can also generate **real-time alerts** and **notifications**, allowing fleet managers to respond swiftly to critical events, such as accidents or unauthorized vehicle use.

Access control
to the vehicle

Usage statistics, forecasts
& customized reports

Geofunctions and work
areas management

Operational management
& remote control

Corrective, preventive and
predictive maintenance

Performance monitoring &
real-time alerts

ALMECdiag Device: Lead your business to maximized profit

Data collection & analysis
of connected vehicles & machinaries → Maximum profit through
optimized production process

With the **real-time monitoring**, **proactive diagnostics**, and **cloud-based platform**, the ALMECdiag system enables fleet managers to **optimize performance**, **enhance safety**, and **reduce operational costs**. ALMECdiag is poised to transform the way fleet management is conducted, bringing efficiency and effectiveness to the management of vehicle fleets.

Data-driven decisions → Operational costs reduced

Subscripion-based system

Project development

Device & platform
customization

Subscription to utilize the platform
functions (1/ 3/ 5 years price solutions)

ALMECdiag platform: dashboard

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