



M.FLEETGUARD KEEPING TRACK OF YOUR FLEET

M.FLEETGUARD

METRICS-BASED MONITORING AND LOCATION TRACKING

THE CHALLENGE

Fleet management is an intricate business and the day-to-day challenges can be incredibly complex, ranging from the location tracking of each truck to monitoring technical data such as tire pressures and oil levels. Precise tracking is essential to preventing costs from spiraling out of control, to streamlining the maintenance workflow and even lowering insurance premiums. Prevention is better than cure, so the real-time monitoring of technical parameters such as tire pressures and lifecycles, fuel consumption, and payloads, can help fleet managers to take preventive action, meaning the difference between staying within budget or allowing costs to skyrocket. Primetals Technologies has developed a neat way to address all of these challenges simultaneously, in one single software-as-a-service solution.

OUR SOLUTION

Primetals Technologies' new tracking service monitors all technical parameters in real time, feeding back informa-

tion such as whether a truck is currently operational, its location, and even the road conditions. Not only does this allow planned budgets to be adhered to, it also enables fleet managers to locate specific trucks and drivers at any time via GPS. m.fleetguard will even send alerts whenever a scheduled route is changed, or if a technical issue is detected.

The metrics-based monitoring approach to fleet tracking means that maintenance can be optimized and costly repairs avoided. m.fleetguard keeps an eye on technical parameters such as tire pressures and can determine whether the tires are being overloaded by excessive payloads, while also monitoring oil levels and calculating fuel consumption. This can all help to extend equipment lifetime and reduce costs for spare parts.



LEARN MORE
meta.ls/fleetvid

m.fleetguard in action:
keeping tabs on who,
where, what and when in
a single, uncomplicated
solution.

FEATURES

GPS TRACKING

Monitors the location of each truck in the fleet

ALARM MANAGER

Sends an early warning to prevent major problems

REPORTS

Analyses allow the workflow to be optimized

SEAMLESS COMMUNICATION

Real-time communication between operator and control room

CUSTOMER SERVICE

Our team of specialists is always on hand

PREDICTIVE MAINTENANCE

Data evaluation and equipment failure-detection help to avoid downtime



PRODUCTS

M.FLEETGUARD: MONITORING AT ITS MOST EFFICIENT

SERVICE YOU CAN COUNT ON

m.fleetguard from Primetals Technologies is a tracking solution that allows you to take control of your fleet, both financially and from a technical perspective.

m.fleetguard helps you to stay within your allocated budget and to curb costs, while also detecting technical issues early on and allowing you to take preventive action.

SOFTWARE AS A SERVICE:

m.fleetguard is delivered as a software-as-a-service solution, so you don't have to worry about the installation of complex software or how to integrate it into your existing IT environment. Primetals Technologies is responsible for hosting the system and handles all of the maintenance, which means constant availability, regular software updates and secure data storage. This allows the user to focus on the front-end, which provides a real-time overview of vehicle tracking on one user-friendly screen. m.fleetguard is delivered with an authorization system, alert management functionality, a reporting system, and a professional export function compatible with other ERP systems. A mobile version of the m.fleetguard front-end is also available for Android and iOS operating systems.

HARDWARE:

The m.fleetguard hardware is designed for the most challenging environments (IP67-rated) and can be implemented in any vehicle, irrespective of manufacturer or type. It is also designed to withstand the toughest industrial environments, including extreme heat (e.g. liquid steel transportation). Its GPS functionality allows for vehicle localization with pinpoint accuracy.

PROFESSIONAL SERVICES:

m.fleetguard comes with the peace of mind of a team of technical specialists. Rest assured that Primetals Technologies will always be there, whenever you need us.

MANAGEMENT SERVICES:

To help you make the most of m.fleetguard, Primetals Technologies is also available to help you analyze the data that will enable you to optimize your workflow.



1 THE SYSTEM:
Once installed, m.fleetguard begins monitoring your vehicles.



2 THE DEVICE:
Discreet and easy to install. Keep things simple with m.fleetguard.



3 CONNECTED:
Stay connected with and in control of your fleet.



4 PREDICTIVE:
m.fleetguard detects problems and early warning prevents escalation.

FEATURES

USER BENEFITS OF M.FLEETGUARD



GPS TRACKING

m.fleetguard monitors the geographical position of each of the trucks in your fleet, while for safety and security reasons it also keeps a record of who is operating the vehicle, ensuring that only authorized personnel are in charge.



ALARM MANAGER

m.fleetguard can detect any technical issues and send the operator an alert, so that action can be taken to prevent potential equipment failures. m.fleetguard monitors tire pressures and can help to prevent tire damage by detecting tire overload. An alert is also sent in the event that a vehicle strays from its scheduled route. m.fleetguard uses geofencing to trigger an alarm if a vehicle crosses a virtual perimeter. Alerts can be sent via text or e-mail if defined parameters for speed limits, fuel consumption, or driver ID, for example, are transgressed.



REPORTS

Information about vehicle location and operator can be combined with other data about speed, temperatures, accidents, and road conditions to create a detailed picture for each truck in the fleet. The resulting data can then be analyzed and fed into a report that also details the routes for each vehicle. Based on the report, improvements can be made to the workflow, also yielding potential cost savings.

m.fleetguard ensures total transparency across the entire fleet of vehicles. The system gathers data using sensors to help you make the most of the fleet and boost efficiency.



SEAMLESS COMMUNICATION BETWEEN OPERATOR AND CONTROL ROOM

m.fleetguard interfaces with the vehicle navigation system to facilitate two-way communication between the vehicle operator and the control room. This allows instructions to be sent remotely, for example via text message.



CUSTOMER SERVICE

Customers of Primetals Technologies always come first. We take a firmly customer-driven and future-oriented approach to creating, designing and developing our solutions so that you can focus on growing your business. m.fleetguard is a cornerstone of this philosophy, helping you to curb costs and stay in control.



PREDICTIVE MAINTENANCE

The system automatically logs operating hours, allowing maintenance to be planned more efficiently. m.fleetguard monitors acceleration and deceleration, as well as road conditions, while also keeping an eye on tire pressures in real time. The data are analyzed at the control center, which allows for early detection of potential equipment failure and for preventive action to be taken.

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