OMNICOMM COMPLETE FLEET MANAGEMENT SOLUTION

TOTAL VISIBILITY AND CONTROL TO OPTIMIZE YOUR FLEET’S PERFORMANCE
If your business owns assets as large and expensive as locomotives, trucks or mining equipment, they are also your biggest liability. It makes sense to protect them from damage, ensure they perform efficiently and manage their movements carefully.
Faced with challenges such as volatile fuel prices, high labor costs, increased competition, environmental obligations and security issues, businesses that operate fleets of vehicles and machinery are increasingly turning to digital solutions. In Europe alone, the number of fleet management systems in active use is expected to reach **14.1 million by 2021**, up from **6.6 million units at the end of 2016**.¹

Fleet management solutions offer a way to track vehicles remotely, monitor fuel and driver performance and plan ahead based on powerful data analytics. According to a 2017 survey, **54%** of fleet operators saw improvements in driver behavior after implementing telematics solutions. Respondents also cited increased fuel savings (**49%**) and accurate utilization tracking (**51%**) as commonly experienced benefits.²

¹ Berg Insight, Executive Summary: Fleet Management in Europe, 2017.
OUR CUSTOMERS GET RESULTS

$5 million annual savings

galooli

has equipped 2000 diesel generators with OMNICOMM LLS fuel sensors, saving more than $5 million in annual fuel costs

30% reducing fuel costs

STRABAG

SOCIETAS EUROPÆA

uses OMNICOMM solutions to monitor its vehicle fleet, reducing fuel costs by 30% and achieving full ROI within one month of operation

26% average fuel consumption savings

SBI INTERNATIONAL HOLDINGS AG

generated average fuel consumption savings of 26% with OMNICOMM’s Complete Fleet Management Solution
However, any system is only as reliable as the data it receives from on-board equipment. OMNICOMM has created a complete fleet management solution that incorporates quality hardware, developed to provide highly accurate data even in extreme conditions, and a powerful and flexible cloud-based software platform.
Fuel Growth With OMNICOMM Complete Fleet Management Solution

To optimize the performance of vehicle assets and drivers, every component of your fleet management system needs to work together efficiently and accurately.

Our complete fleet management solution includes OMNICOMM high precision LLS fuel-level sensors, terminals and displays, as well as the cloud-based fleet management platform OMNICOMM Online.

From sensors to software, every component is designed to provide detailed, actionable data to help you:

- See exactly where your assets are in real time
- Manage labor and fuel expenditure
- Detect fuel wastage and theft
- Reduce accidents and security incidents
- Plan and optimize routes
- Detect adverse driving events and behavior
- Predict maintenance and repairs
- Comply with environmental regulations
- Maximize efficiency to remain competitive
OMNICOMM OFFERS COMPLETE MODULAR SOLUTION FOR DIGITAL FLEET CONTROL

1. Industry most reliable fuel-level sensor

2. GPS/GLONASS onboard terminal

3. Cloud-based fleet management platform, iOS & Android apps
Industries served by OMNICOMM solutions

- Logistics and transportation
- Railroads
- Telecommunications
- Oil and gas
- Ships and vessels
- Mining
- Construction
- Passenger transportation
OMNICOMM Online is a cloud-based SaaS fleet management solution, allowing access to historical and real-time fleet information any time you’re online – including on mobile. It can be used to monitor a wide range of assets including heavy and light commercial vehicles, locomotives, ships, gensets, heavy machinery, construction, off-road and agriculture vehicles, gas stations and mobile fuel tankers.

The system produces reports and tracks data such as speed, driving direction, coordinates, engine RPMs, fuel consumption, fuel levels, driving habits, on-board voltage, tire pressure, refrigerator condition and equipment working modes.

OMNICOMM Online can detect 90+ driving events and automatically notify fleet management operators, including photo and video capture during user-defined events with connection to the OMNICOMM OKO terminal.
On-board terminals

On-board terminals collect data from various sensors and the vehicle’s on-board computer and send it to the fleet management system for processing. Reports generated from this data provide valuable information for operational management.

Our on-board terminals are made for a wide range of scenarios:

- **OMNICOMM Profi / Profi WiFi**, for medium and heavy vehicles operating in the most demanding situations
- **OMNICOMM OKO**, with added video surveillance capabilities
- **OMNICOMM Optim**, a feature-rich solution for medium and heavy vehicles and genset monitoring
- **OMNICOMM Light**, for light commercial vehicles in common scenarios
- **OMNICOMM Smart**, for light commercial vehicles that require basic fleet monitoring

All OMNICOMM on-board terminals are fully tested for resistance to extreme temperatures, humidity, dust and vibrations. They support GPS and GLONASS systems for maximum precision and, with the exception of OMNICOMM Smart, are compatible with most third party monitoring systems, sensors and peripherals.
**COMPONENTS**

**High-precision LLS fuel-level sensors**

OMNICOMM high-precision capacitive fuel-level sensors are exceptionally robust, extremely precise (99.5% accuracy) and totally reliable (highest possible ingress protection rating of IP69k). They deliver consistently high accuracy in even the harshest conditions.

The sensors work both with OMNICOMM tracking equipment and are compatible with the most popular vehicle trackers and tracking platforms.

OMNICOMM’s sensor line includes the adaptable OMNICOMM LLS 5 and adaptable explosion-proof OMNICOMM LLS-Ex 5, digital OMNICOMM LLS 4 and OMNICOMM LLS-AF 4 with analogue and frequency-modulated output.

**LLD indicator display (optional)**

The OMNICOMM LLD indicator display is an optional component of the fleet management solution. It is installed in the vehicle cab, and can either be connected directly to OMNICOMM’s
highly accurate fuel-level sensors, or connected to the OMNICOMM on-board terminal. They are suitable for any type of vehicle, construction machinery and storage tanks.

When connected directly to a fuel-level sensor, the indicator display shows the current level of remaining fuel in the vehicle’s tank (or tanks). Offering drivers a quick and reliable source of fuel information, the LLD indicator is extremely useful for vehicles without inbuilt fuel-level indicators on the driver’s panel.

In the second scenario, the LLD indicator display receives data directly from the OMNICOMM on-board terminal and displays information such as fuel volume, speed, engine hours or other pre-defined values.
Integration
OMNICOMM’s system uses a modular architecture, allowing you to integrate components with existing infrastructure. You may already have some parts of a fleet management solution in place – if so, select only the components you need. Our software and hardware works seamlessly with third-party platforms and equipment. OMNICOMM Online’s open API enables connections with TMS, ERP, IoT SDP, and mobile operators’ VAS portals.

Flexibility
Our fleet management solution is suitable for a wide range of vehicles and commercial assets. OMNICOMM on-board terminals cover a wide range of usage scenarios, our fuel-level sensors can be fitted to almost any tank size and OMNICOMM Online provides rich customized reporting for all of your fleet management needs.

Real-time monitoring
The ability to monitor fuel levels, speed, driving behavior and other key parameters in real time on a single dashboard improves safety, gives fleet operators unprecedented visibility and can help lower insurance premiums.

Unique Fuelmetrix algorithms
In-house developed algorithms smooth fuel data variations caused by physical conditions, filter out data noise and provide meaningful data.
Customized setup

We don't do ‘one size fits all’ solutions. Every installation begins with a detailed analysis of what you want to achieve, and is highly customized to suit your requirements, allowing you to define vehicles and vehicle groups, add parameters to track, schedule custom reports and connect with existing equipment and software.

Quality

OMNICOMM components are manufactured from high quality, durable materials and fully tested in a range of extreme weather and driving conditions, ensuring reliable functioning in almost any environment.

Precise measurements and actionable data

From the 99.5% accuracy of our fuel sensors to the ability to create custom reports in OMNICOMM Online, our fleet management solution is designed to give you the most accurate and relevant data you need for daily business operations and decisions.

Advanced fuel analytics

OMNICOMM’s advanced fuel-related reporting provides you with critical information you need to manage costs and track fuel usage trends. Analyze overall fleet consumption and individual vehicle performance with detailed statistics and accurate reporting.
Want to see how OMNICOMM Complete Fleet Management Solution can transform your business?

**SCHEDULE A DEMO WITH ONE OF OUR LOCAL PARTNERS TODAY.**

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