OMNICOMM
FUELLING YOUR BUSINESS

OMNICOMM COMPLETE FLEET MANAGEMENT SOLUTION

TOTAL VISIBILITY AND CONTROL
TO OPTIMIZE YOUR FLEET'S PERFORMANCE

// If your customers own assets as large and expensive as locomotives, trucks or mining equipment, these vehicles and machines are also their biggest liability. It makes sense to protect their assets from damage, ensure they perform efficiently and manage their movements carefully.

2016 6.6 million units

2021 14.1 million units

54%
improvements
in driver
behavior

51%
accurate
utilization
tracking

49%
increased
fuel savings

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.
2.   Fleet Answers, Telematics Survey: Industry Insights in 2017, Fall 2017.

SHOW YOUR CUSTOMERS REAL 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 EUROPAEA

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 customer's 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 OMNI-COMM Online.

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

- See exactly where 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

3 Cloud-based fleet management platform, IOS & Android apps

2 GPS/GLONASS onboard terminal

1 Industry most reliable fuel-level sensor

Industries served by OMNICOMM solutions

Logistics and transportation

Railroads

Telecommunications

Oil and gas

Ships and vessels

Mining

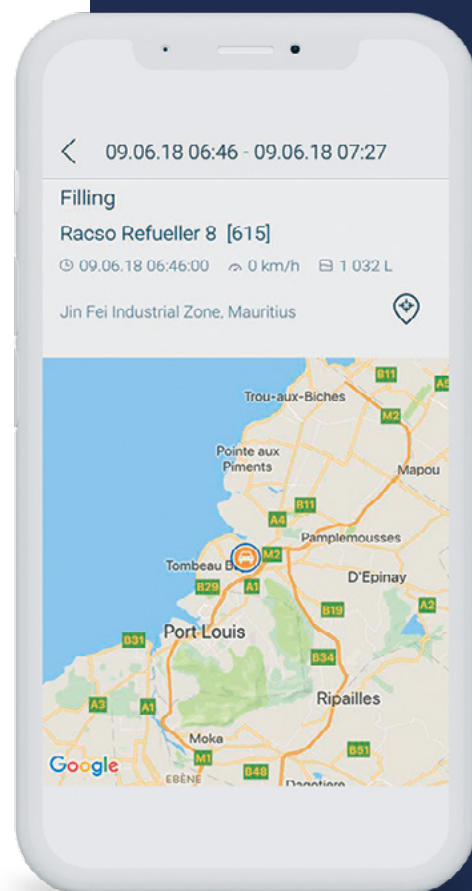Construction

Passenger transportation

COMPONENTS

OMNICOMM Online

OMNICOMM Online is a **cloud-based SaaS fleet management solution**, allowing access to historical and real-time fleet information any time fleet operators are 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 for extra reliability in areas with limited or no mobile coverage 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

OMNICOMM LLS 5

OMNICOMM LLS-Ex 5

⊚ 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.**

OMNICOMM
Online Executive
Dashboard

BENEFITS TO DRIVE YOUR BUSINESS INTO THE FUTURE

Integration

OMNICOMM's system uses a modular architecture, allowing your customers to integrate components with existing infrastructure. Businesses may already have some parts of a fleet management solution in place – if so, they can select only the components they 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 customers' 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 your customer want to achieve, and is highly customized to suit their requirements, allowing them 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 your customers the most accurate and relevant data they need for daily business operations and decisions.

Advanced fuel analytics

OMNICOMM's advanced fuel-related reporting provides your customers with critical information they need to manage costs and track fuel usage trends. Analyze overall fleet consumption and individual vehicle performance with detailed statistics and accurate reporting.

EXPAND YOUR OFFERING TO CUSTOMERS

OMNICOMM provides **full product training and certification** for partners, as well as **extensive product documentation**. Regular live and on-demand **educational webinars** focus on different aspects of how OMNICOMM solutions can transform fleet management. OMNICOMM offers partners **comprehensive support**, every step of the way, with a **dedicated technical manager** for large scale projects.

OMNICOMM COMPLETE FLEET MANAGEMENT SOLUTION IS A SUITABLE PARTNER PRODUCT FOR...

Fleet management service providers

- Add comprehensive and advanced fleet monitoring and management solutions to your existing products

- Expand the application of your solution to include heavy vehicles and machinery

TMS and ERP vendors

- OMNICOMM Complete Fleet Management Solution integrates well with these systems

- Automatically includes transport-related data in these systems and global company processes

IoT SDP platform vendors

- Add advanced fuel monitoring to your platform

- Cover a new market segment of heavy vehicles

OMNICOMM Resellers

- Expand your services portfolio by offering OMNICOMM Complete Fleet Management Solution

- Prepare reporting and deep analysis so customers can benefit from business intelligence modules in OMNICOMM Online

- Offer consulting services to help customers optimize fleet operations with OMNICOMM solutions

》 You can recommend OMNICOMM products to customers with complete confidence: OMNICOMM offers the most reliable hardware on the market, with a warranty claims rate of just 0.009% for our leading LLS fuel sensor in 2017.[3]

3.   The OMNICOMM LLS 30160 fuel level sensor had a warranty claims rate of 0.009% since its launch in 2015.
     In April 2018, the LLS 30160 was replaced by the LLS 4.

Want to find out more about how OMNICOMM Complete
Fleet Management Solution can help your customers?

**ASK US ABOUT PROVIDING OMNICOMM SOLUTIONS
AS AN OMNICOMM PARTNER TODAY.**

OMNICOMM

FUELLING YOUR BUSINESS

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