ODOS Cloud Platform



Driven by data





# Powered by ODOS Cloud Platform

The core of our data acquisition system is the ODOS Cloud Platform. An autoscaling backend with phenomenal processing power, remote data storage, backups and redundancy systems to meet the needs of the most demanding applications.

A range of customisable interfaces (online dashboard, API or data pipeline) can be configured to suit your needs and give you instant access to your data. We put a lot of effort into making the platform simple, secure and scalable leaving you free to focus on your data!

Functions & specifications







# Simple

A ready-made tool that manages the complete data acquisition process, freeing up your time to do what you do best: making data driven decisions at scale, at speed and in real-time!



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## Secure

Your data is in safe hands, with communication between ODOS Gateways/ Dataloggers and ODOS CloudSoft online dashboard secured by end-to-end encryption and backups. Moreover, ODOS Cloud platform is certified to the most rigorous IT security and privacy (GDPR) legislation. We've got your back when it comes to cybersecurity!

### Stable

No time for downtime? Our Cloud platform delivers continuity of service to market leading commercial fleets with backup and redundancy systems that increase productivity and operational efficiency. We'll keep the data coming!

## Scalable

Many of our clients start with a few Gateways/Dataloggers and are able to scale from R&D phase to pre-pilot fleets to Aftermarket volumes using ODOS range of low cost hardware, online engineering dashboard and autoscaling backend. We've got you covered every step of the way.

# Single Source of Truth

We eliminate data silos, all the way through your product development cycle, from Research & Development, Pilot phase, Production, End-of-Line, Deployment and Aftermarket. Know your data from cradle to grave!

Functions & specifications







#### Ready-made

Get Started in seconds with a plug'n'play hardware and professional online dashboard all ready in minutes.



#### Open API

Powered by the REST API. The API also makes it possible to integrate ODOS CloudSoft into your IT infrastructure.



#### ECU Network

Diagnostics-oriented user interface ensures quick results for your complete fleet, vehicle network and ECU status.



#### Admin

Dedicated Admin Portal, which enables secure user administration at every organizational level.



#### Remote setup

Remotely configure your data logger and control the system over-the-air (OTA).





#### Secure

We offer end-to-end (E2EE) security over our entire data logger solution.



#### Reports

Powerful report generator for automatic analysis always at hand.



#### Scalable 5 4 1

Exceptional cloud solution with leading-edge technology ready made to scale up and adapt to the growing needs of your projects.



#### Alerts

Set up notifications and be alerted to event based triggers and issues from the complete fleet.



#### MFT services

Managed File Transfer and Secure solutions for AWS, Azure and GSuite are ready to use.



#### Live data

During drive cycles, visualize real-time data from vehicle network (CAN bus and Ethernet) and live data analytics.



#### Data formats

Export industry standard formats such as Matlab, MDF4, CSV files and many more...



#### **Analysis**

Dashboard automatically decodes raw CAN bus and Ethernet data into engineering signals for easy to use analysis as well as DTC Auditor for deep dive troubleshooting.



#### **Backend**

Autoscaling backend with remote data storage, backups and redundancy systems to meet the needs of any application.



#### Loggers

Fleet owner management tool to supervise the health of all Gateways/Dataloggers and Vehicles.



#### **Vehicles**

Vehicle centric solution. Loggers can be swapped between vehicles without missmatch of data.



#### **Calculations**

Perform complex calculations for triggers and alerts.



# Renowned technological innovation

ODOS (ODOSOLUTIONS AB) is proud to call Trollhättan, Sweden its home. An area of renowned technological innovation. The world-famous headquarters of former aerospace and vehicle manufacturer SAAB (Svenska Aeroplan Aktie Bolag) and its modern-day successor NEVS (National Electric Vehicle Sweden).

As the name ODOS suggests, the company excels in the field of vehicle measurement and instrumentation, with its legacy in the design and development of odometer technology. An odometer is an instrument used for measuring the distance a vehicle travels. The noun derives from ancient Greek hodós ("path" or "gateway") and métron ("measure").

From those humble origins, ODOS continues to be at the forefront of innovative measurement technology with cutting edge cloud connectivity and remote data monitoring solutions. The odometer technology of the past, has forged a path for pioneering IoT gateway and data logging solutions of the future!



**Swedish Headquarters** 

ODOSOLUTIONS AB Nohabgatan 11 D 461 53 Trollhättan Sweden

Phone: +46 703 612 209 E-mail: sales@odos.se **UK Office** 

ODOSOLUTIONS UK St George⊠s House Huntingdon PE29 3GH United Kingdom

Phone: +44 (0) 7989 136 283 E-mail: sales@odos.se



# Request a demo

Seeing is believing. We want you to see our ODOS Cloud Platform and Engineering Dashboard in action to appreciate its full potential.

Contact our sales department via sales@odos.se to request a live demonstration!