

## The Eclipse Foundation Working Group Advantage

Eclipse Working Groups provide a vendor-neutral governance structure that allows organizations to freely collaborate on new technology development. Based on the experience within the Eclipse community, collaboration among organizations can:

- help improve the software development tools supply chain in a particular industry
- create a new technology platform that increases interoperability among organizations and technologies
- allow organizations to increase their use of open source technology.

The Eclipse Foundation, through Eclipse Working Groups, provides five basic services to enable these types of collaborations:

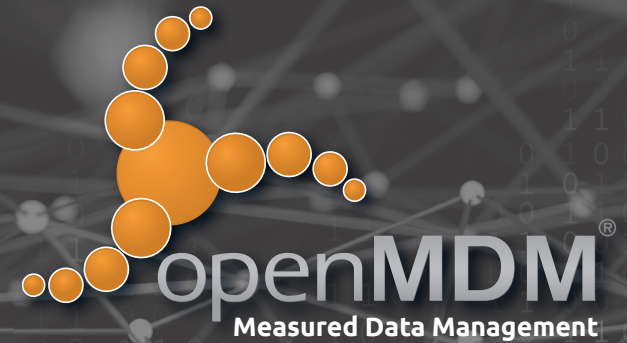
- Governance
- Intellectual Property Management and Licensing
- Open Standardization and Development
- IT Infrastructure
- Ecosystem Development

## Members



## Join Us

To learn more, participate in an existing Eclipse Foundation Automotive Working Group or find out how to create a new Eclipse Working Group, please contact us at [automotive@eclipse.org](mailto:automotive@eclipse.org).



# Plan. Measure. Share.

And simplify  
your measured  
data management

An Eclipse Foundation  
Working Group

## The openMDM Working Group

The openMDM Working Group leads the implementation of a vendor-neutral Open Source Software platform for the management of measured data.

In compliance with the ASAM ODS standard, this platform enables an ecosystem that includes both automotive companies building inhouse applications and application vendors building commercial and open source solutions, tools and systems.

Members of the working group include automotive OEMs as well as service providers and application vendors.

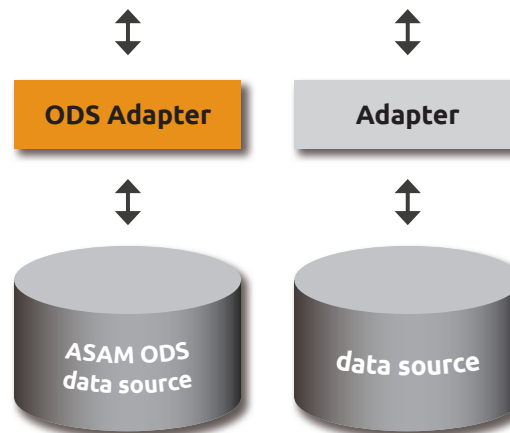
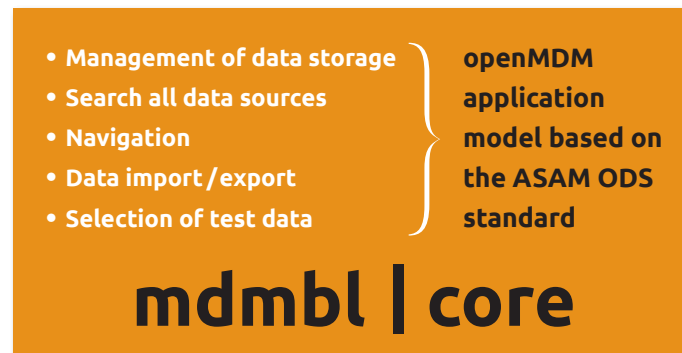
The openMDM working group is coordinating the Eclipse mdmbl project, published under the business friendly Eclipse Public License 2.0 (EPL-2.0).

In summary, it implements an industry standard platform for tools and products for ODS compliant products and tool chains. The platform is currently in use at the openMDM members Audi, BMW and Daimler, while Siemens and Müller-BBM are providing products including the open platform.

# Eclipse mdmbl application



## RESTful Web Services



## openMDM Technology

The Eclipse mdmbl project implements a server platform that through its scalable back-end architecture can serve many ODS compliant servers in parallel for data ingest, data exploration, test management, user and access management and more. It exposes a RESTful interface for clients, hiding much of the complexity of the ASAM ODS interface specification.

Security mechanisms at the data and functional level protect the stored information against unauthorized access.

The following commercial ODS servers have been tested for use with the platform:

- Peak ODS Server from Peak Solution GmbH
- Avalon from HighQSoft GmbH

Through its open adapter interface, proprietary non-ODS compliant storage systems can be connected, for example, PAK Cloud from Müller-BBM.

With major version V5.0 released in Q4/2018, the team is working towards V5.1 to be released Q1/2020.

For more information, please visit:

<https://eclip.se/gd>