

QUALITY DRIVEN BY ASAM STANDARDS

MORE THAN 20 YEARS OF EXCELLENCE IN STANDARDIZATION

- Portfolio of 33 standards
- Written by recognized domain experts
- Widely accepted and used by the Automotive Industry
- Short standard development times
- Mature standards proven in practice
- Huge network of experts and suppliers
- Extensive support with commercial off-the-shelf tools

KEY INDUSTRY PLAYERS TRUST IN ASAM STANDARDS

- ~ 80 % of all cars worldwide are calibrated with ASAM standards
- 100 % of new platforms at Audi, BMW, Daimler, MAN, Porsche and Volkswagen use ASAM diagnostics
- ASAM test data management standards are used by most global OEMs
- A great number of OEMs, suppliers & tool vendors use ASAM OpenX standards in the simulation tool-chain for the development and validation of automated driving functionality

80%
100%

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ASAM CONNECTS

PEOPLE | SOLUTIONS | STANDARDS



Tool Interoperability

Seamless Data Exchange

Long-Term Stability



Association for Standardization of
Automation and Measuring Systems



Association for Standardization of
Automation and Measuring Systems

ASAM CONNECTS

ASAM promotes standardization within the Automotive Industry. Together with our more than 320 member companies worldwide, we develop standards that are implemented in tool chains for test and development worldwide.

ASAM provides a platform for our members

- to address technical challenges
- to connect with members
- to coordinate work groups
- to develop, release, and maintain standards
- to market and distribute these standards
- for a long-lasting benefit of the standards' users.

ASAM brings together experts from OEMs, suppliers, tool vendors, and research institutes worldwide to commonly develop standards. This ensures a high level of quality and industry-wide acceptance of the standards.

OUR GOAL

“ASAM pursues the vision that the components of a development and test tool chain can be freely interconnected and allow a seamless exchange of data.”

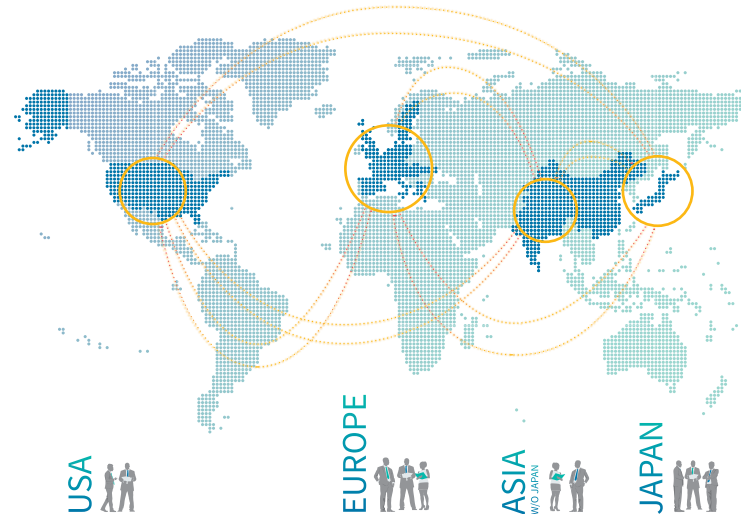
ASAM vision

Our standards define protocols, data models, file formats, and application programming interfaces (APIs). They are based on specific use cases and are used for the development and test of ECUs and the validation of the entire vehicle.

ASAM standards are vendor- and technology-independent: System components are interchangeable and decoupled from the continuous advances of IT platforms.

COLLABORATE WITH US

ASAM requests and encourages an open exchange among manufacturers, suppliers, tool vendors, and research institutes worldwide.



TAKE PART AND EXPERIENCE...

- **The ASAM Spirit**
Be part of a global network of experts.
- **Thought Leadership**
Work together with experts on a common vision. Deepen your knowledge on highly relevant industry topics.
- **Efficiency and Proficiency**
Take advantage of a lean, structured association, all geared to drive projects to success.
- **Reliability & Quality**
Rely on standards that are based on joint decision making from domain experts, thus increasing industry acceptance, quality, and usefulness.

WE DEVELOP STANDARDS



MEASUREMENT
& CALIBRATION

MEASUREMENT & CALIBRATION

Standards for working with ECU variables and parameters.



DIAGNOSTICS

DIAGNOSTICS

Standards for describing and testing the diagnostic subsystems of ECUs.



ECU NETWORKS

ECU NETWORKS

Standards for describing and testing ECU networks.



SOFTWARE
DEVELOPMENT

SOFTWARE DEVELOPMENT

Standards that support the ECU software development process.



TEST AUTOMATION

TEST AUTOMATION

Standards for working with test systems.



DATA MANAGEMENT
& ANALYSIS

DATA MANAGEMENT & ANALYSIS

Standards for storing, retrieving, and analyzing mass data.



SIMULATION

SIMULATION

Standards for simulating road networks and traffic, drive maneuvers, and test scenarios.