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
- 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 functions

80%
100%

ASAM

Association for Standardization of
Automation and Measuring Systems

ASAM
CONNECTS

PEOPLE | SOLUTIONS | STANDARDS

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Tool Interoperability

Seamless Data Exchange

Long-Term Stability

ASAM

Association for Standardization of
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STANDARDIZATION AT ASAM

ASAM promotes standardization within the Automotive Industry. Together with our more than 370 member companies worldwide, we develop standards that are implemented in tool chains for research, development and test worldwide.

ASAM provides a platform for 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 inter-connected and allow a seamless exchange of data.* ❞
ASAM vision

Our standards define file formats, data models, protocols, and interfaces for the development and test of ECUs and the validation of the entire vehicle.

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

MEMBER-DRIVEN

ASAM requests and encourages an open exchange among manufacturers, suppliers, tool vendors, and research institutes worldwide with the goal to develop standards that solve common challenges.

USA · EUROPE · ASIA W/O JAPAN · JAPAN
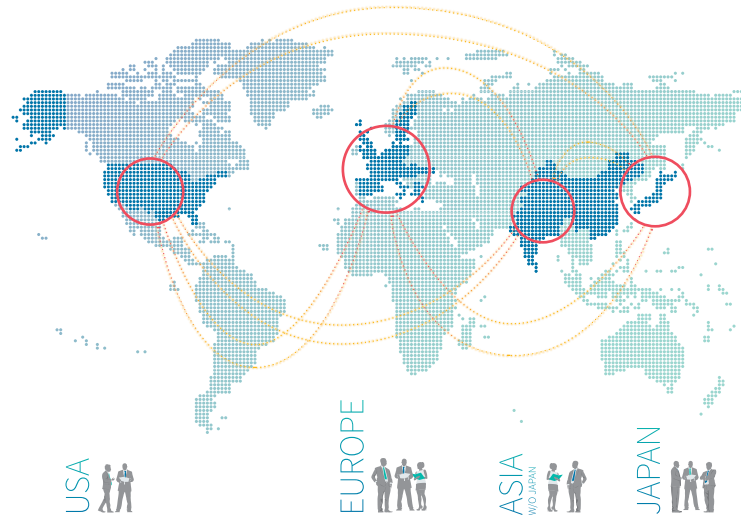
All ASAM activities are initiated by our members: They determine if and what kind of standard is needed and send technical experts to develop them. ASAM provides guidelines and processes to drive these projects to success.

ASAM MEMBERS APPRECIATE

- **The ASAM Spirit**
  Being part of a global network of experts.

- **Thought Leadership**
  Working together with experts on a common vision while deepening knowledge on highly relevant industry topics.

- **Efficiency and Proficiency**
  Taking advantage of a lean, structured association.

- **Reliability & Quality**
  Benefiting of standards with wide industry acceptance and high quality and relevance.

SOLUTION-DRIVEN

ASAM standards are used for the development and test of ECUs and for the validation of the entire vehicle. They are applied throughout the development cycle and can be categorized in the following domains:

MEASUREMENT & CALIBRATION
Standards for working with ECU variables and parameters.

DIAGNOSTICS
Standards for describing and testing the diagnostic subsystems of ECUs.

ECU NETWORKS
Standards for describing and testing ECU networks.

SOFTWARE DEVELOPMENT
Standards that support the ECU software development process.

TEST AUTOMATION
Standards for working with test systems.

DATA MANAGEMENT & ANALYSIS
Standards for storing, retrieving, and analyzing mass data.

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