



Association for Standardisation of  
Automation and Measuring Systems

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## **ASAM FSX**

Functional Specification Exchange Format

### **User's Guide**

Version 1.1.0

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### **Base Standard**

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## I **About FSX**

The increasing functionality in automotive systems requires distributed software development processes between car manufacturers and control unit suppliers, e.g. for power train control systems. This distributed development process needs a safe and reliable documentation integration scenario based on standardized exchange formats for software functional specifications.

In a scenario where automotive software functions are exchanged and integrated using source or object codes and MDX data descriptions, FSX provides the functional specification for this software functions. A set of FSX descriptions and MDX data descriptions can describe all data needed for a functional specification of a complete software system, e.g. for a engine control unit software.

FSX is based on the MSRSW XML structure and can be accessed, edited and transformed by standard XML software like transformation tools (e.g. XSLT), XML editors, translation memory systems and XML publishing systems(e.g. XSL-FO Formatter).