

LOTAR Engineering Analysis and Simulation (EAS) Workgroup and Related Entities

End Users

Producers of requirements for archiving and recovering engineering analysis and simulation data, and consumers of the associated methods, tools, and standards.

Users

Requirements & Use Cases



Standards, Software & Methods

Providers

Modeling and Simulation information in a collaborative Systems Engineering Context (MoSSEC)

Develop methods for organizing and sharing Modeling and Simulation meta-data and information in a collaborative system, and for capturing context to enable traceability.

International Organization for Standardization (ISO)

Develop and publish international standards, in particular

- ISO 10303 STEP, including [AP209 ed2](#) and [AP235 ed1](#)
- ISO 14721 OAIS (Open Archival Information System)

LOTAR EAS WG

Develop, publish and maintain standards for archiving and retrieval of Engineering Analysis and Simulation information.

NAFEMS

International non-profit organization for advancing and promoting engineering analysis and simulation methods, data management, standards and education.

National Institute of Standards and Technology (NIST)

Develop tools to process or visualize STEP files and perform semantic analyses

CAx-Implementers Forum (CAx-IF) & CAE vendors

Develop software capabilities and recommended practices by implementing standards and validating them through testing the associated codes.

PDES, Inc., prostep ivip & AFNeT

Develop data models, standard data representations and common approaches through standards.

ASD-STAN and AIA

Sponsoring the LOTAR NAS / EN 9300-xxx development.