

LOTAR

LOTAR International is a project being conducted by leading OEMs in the aerospace industry under the joint auspices of ASD-STAN, AIA, PDES Inc. and the ProSTEP iViP Association.

The objective of LOTAR International is to develop an auditable process for the long-term archiving (LTA) of digital 3D CAD and PDM data. Use of the standard series by other branches of industry such as the automotive or shipbuilding industry is possible. The documents for the standard will be published as the EN930 series and, in cooperation with the AIA, also as the National Aerospace Standard (NAS).

Close cooperation with the CAx IF ensures implementation reliability.

Milestones 2009

- Extension of Part 120 (archival of product manufacturing information (PMI)) and its validation
- Design of the first parts for “Archival of PDM Data”; Part 200 (basic principles and concepts) and Part 210 (archival of PDM data “as designed”)
- Specification of Part 20 “Preservation Planning“

Outlook 2010

The following milestones are planned for 2010:

- Further development and piloting of Part 120 (archival of PMI)
- Continuation, completion and piloting of the first parts for the “Archival of PDM data”.
- Launch of activities relating to the parts “Certification”, “Audit”, “Functional Architecture” and “Security”
- Launch of the data domain “Archival of Composite Design Data“

Participants

Europe :

Airbus, Dassault Aviation, EADS Military Aircraft Systems, IAI (Israel Aerospace Industries), Safran

Americas :

BAE Systems, Boeing, General Dynamics, Goodrich, Lockheed Martin, Sandia National Laboratories, Spirit Aero

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