ASD Strategic Standardisation
Group: Vision, Mission, Tasks and
Programmes

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Completing the Picture….

….. for a complete e-business capability
Scope – 4 Business Domains

- Integrated Logistic Support (The S Series Specs)
- Supply Chain
- Secure Information Sharing
- Product Lifecycle Management (PLM)
Integrating the Enterprise

Extended Enterprise of OEM’s, Customer, Partners and Suppliers

Enterprise Integration through dedicated networks

Domain specific information systems (e.g. CAD, MRPII, Planning)

Product Lifecycle Management (PLM)

Integrated Logistic Support (ILS)

Supply Chain

Readiness & Sustainment

Define and implement the support solution, maintain the product configuration

Operational Feedback

Product Life Cycle

Internet-based architecture and federated data models make possible implementations involving thousands of users across many sites
The Challenge of Interoperability

- e-Business interoperability between organisations and re-use of solutions across projects is imperative to the elimination of wasted costs and to improve data quality.
- Many standards and initiatives have the potential to satisfy part of:
  - The overall requirement for interoperability:
    - Between companies, business partners and through the supply network
    - Between functions in an organisation
    - Between application systems
The ASD Strategic Standardisation Group (SSG)

The European Aerospace, Space and Defence companies response to the challenge of e-Business standardisation:

• Identify a coherent set of e-Business Standards to reduce overall cost and complexity
• Drive the identification, development, maintenance and exploitation of a set of coherent e-Business standards
• Managed across 4 Enterprise e-Business Domains:
  • Design and Collaboration
  • Integrated Logistics Support
  • Supply Chain
  • Security (Secure Information Sharing)
The ASD Strategic Standardization Group (SSG)

The ASD SSG does not aim to create new eBusiness standards but to support effective governance at European level of International and European standards:

• Identifying set of standards to use or to develop in order to cover the full spectrum of needs for eBusiness;
• Proposing and applying governance tools at strategic and technical level (e.g. radar screen)
• Developing a network of experts
• Developing liaisons with all relevant standardisation organisations
The Business Case for Electronic Integration

- **AIA** members are committed to a vision for e-Business across the **industry**, where:
  - all participants in the aerospace value chain will be able to exchange information across an information backbone relative to:
    - product design,
    - business relationships,
    - transactions,
    - and product support
  - This vision is to be achieved through industry-level adoption of:
    - policies and standards,
  - benefits to prime contractors, suppliers and customers through simplification of electronic trading,
    - fewer interfaces and simpler processes,
    - reduced support costs
    - more agile
    - responsive teaming.
  - generate innovative process changes to further improve performance
Drive for co-ordination and coherence...
Co-operation with AIA

Third MoU signed between ASD and AIA to promote the global development and exploitation of a wider set of e-Business Specifications
Typical ‘blip’ S1000D Specification for Technical Publications

Abstract

• The International specification for technical publications utilizing a common source database, commonly known as S1000D, has been produced to establish standards for the documentation of any civil or military vehicle or equipment. It is based on international standards such as SGML/XML and CGM for production and use of electronic documentation.

• In addition, it defines a Common Source Data Base (CSDB) to provide source information for compilation of the publications and for use in electronic logistics information systems to deliver modules of information direct to the user.

• More recently, it has been linked to the PLCS development, which enables the compilation of technical documentation direct from the current product structure, and to SCORM, for training materials.

Back to the Radar
Coherent Policies for each Business Domain

Integrated Logistic Support (The S Series Specs)
Secure Information Sharing
Supply Chain

Product Lifecycle Management (PLM)

SX000i – The ILS Handbook provides the ‘Policy’ for the ILS Domain
Visit us at [http://www.asd-ssg.org](http://www.asd-ssg.org)

**Parent organisations**

The ASD Strategic Standardization Group (SSG)

**Overview**

The Strategic Standardization Group (SSG) was setup in October 2008 by a group of European manufacturers, A&D associations and military governmental agency in order to share efforts of development of common A&D e-Business standards and associated harmonized European policies for operational use.

**What is on this portal**

Both are understood today as two strategic levers of competitiveness for all the A&D manufactures and their supply chains (New role of the Original Equipment Manufacturer as System Integrator, and product & process Information Integrator).

The ASD SSG does not aim to create new eBusiness standards but to **support effective governance at European level of International and European standards**:

1. Identifying set of standards to use or to develop in order to cover the full spectrum of needs for eBusiness;
2. Proposing and applying governance tools at strategic and technical level (e.g. radar screen, interoperability framework, assessment process);
3. Developing a network of experts;
4. Developing liaisons with all relevant standardization organizations.

**Collaboration with AIA (U.-S.)**

The ASD SSG has established a collaboration with the American Aerospace Industries Association (AIA) and ASD SSG re-use several of the methods initiated by the AIA Electronic Enterprise Integration Committee (EEIC), (like the Radar Chart representation).

We encourage you to visit their site at:


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**Web Content Display**

**New!!**

AIA and ASD just signed an MoU on eBusiness standards, covering joint activities between ASD SSG and AIA

**More information**

- Welcome
- Terms of Reference
- Members
- Work Groups
  - Industry Requirements
    - PLM Interoperability
    - Integrated Logistics Support
    - Hub collaboration
    - SCM Standards Policy
    - Communication
    - Coordinating with AIA
- Projects
  - BoostAero
  - ILS suite of specifications
  - LOTAR
  - STEP AP242
  - TDP Message
  - TSCP
- Radar Chart
- Publications
- Planning
- Contacts

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5/23/2012
A consistent set of e-business standards is being identified, assessed, developed and implemented in answer to European Aerospace, Space & Defence Industry business needs

ASD SSG provides the needed capability:
- Consensus at European AeroSpace & Defence industry level
- Supported by National Trade Associations
- Co-ordinated with US activities

The set of coherent and consistent standards / specifications have been identified and adoption and exploitation is in progress – The ‘Radar Chart’

Several projects have been launched / completed to fill gaps, eg. Long Term Archiving and Retention (LOTAR), Technical Data Package TDP

ASD SSG seeks the widest participation and contributions!