S1000D Users Forum 2010

"Application of S1000D within a state-of-the-art Integrated Logistic Support environment"

Council Overview

Brad Ballance
Air Transport Association

S1000D Council

- August, 2007 Memorandum of Understanding (MoU)
  - **ASD** – An association of European aerospace and defense manufacturers
  - **AIA** – An association of U.S. aerospace and defense manufacturers
  - **ATA** – An association of commercial airlines
- Purpose of MoU
  - Establish a partnership between the primary organizations for the joint development and promotion of S1000D
  - Establish S1000D Council with equal representation from the three primary organizations

Role of S1000D Council

- Liaise between the three organizations
- Establish the vision, mission, goals and roadmap
- Oversee the administration of the specification
- Establish, maintain and oversee the Steering Committee
- Oversee the finances
- Maintain the User Agreement for S1000D
- Encourage adoption
- Identify additional areas of harmonization

The S1000D Council

ASD
Carl Wilén

Saab

ASD
Peter Zimmermann
Secretary

EADS Germany

ATA
Tim Larson

Delta Air Lines

ATA
Brad Ballance
Vice chair

ATA

AIA
Denny Raitz
Chair

The Boeing Company

The S1000D Council

AIA
Rusty Rentsch

AIA

CAWG-Chair
David Nilsson

Boeing

DWG-Chair
Dennis Hoyland

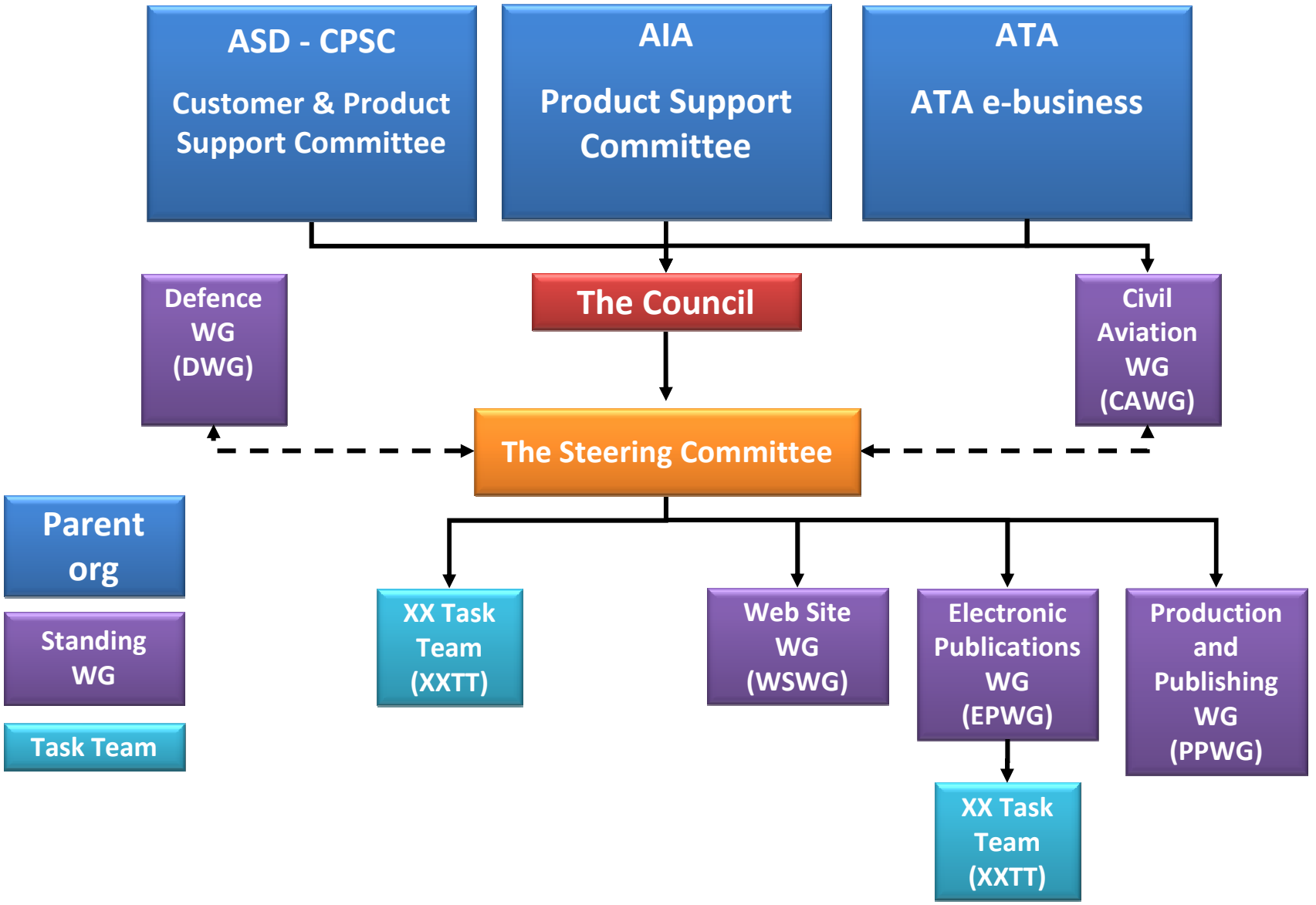
UKCeB

Steering Committee
Chair
Andreas Schuetze
Airbus

Voting right

No voting right

Organizational structure



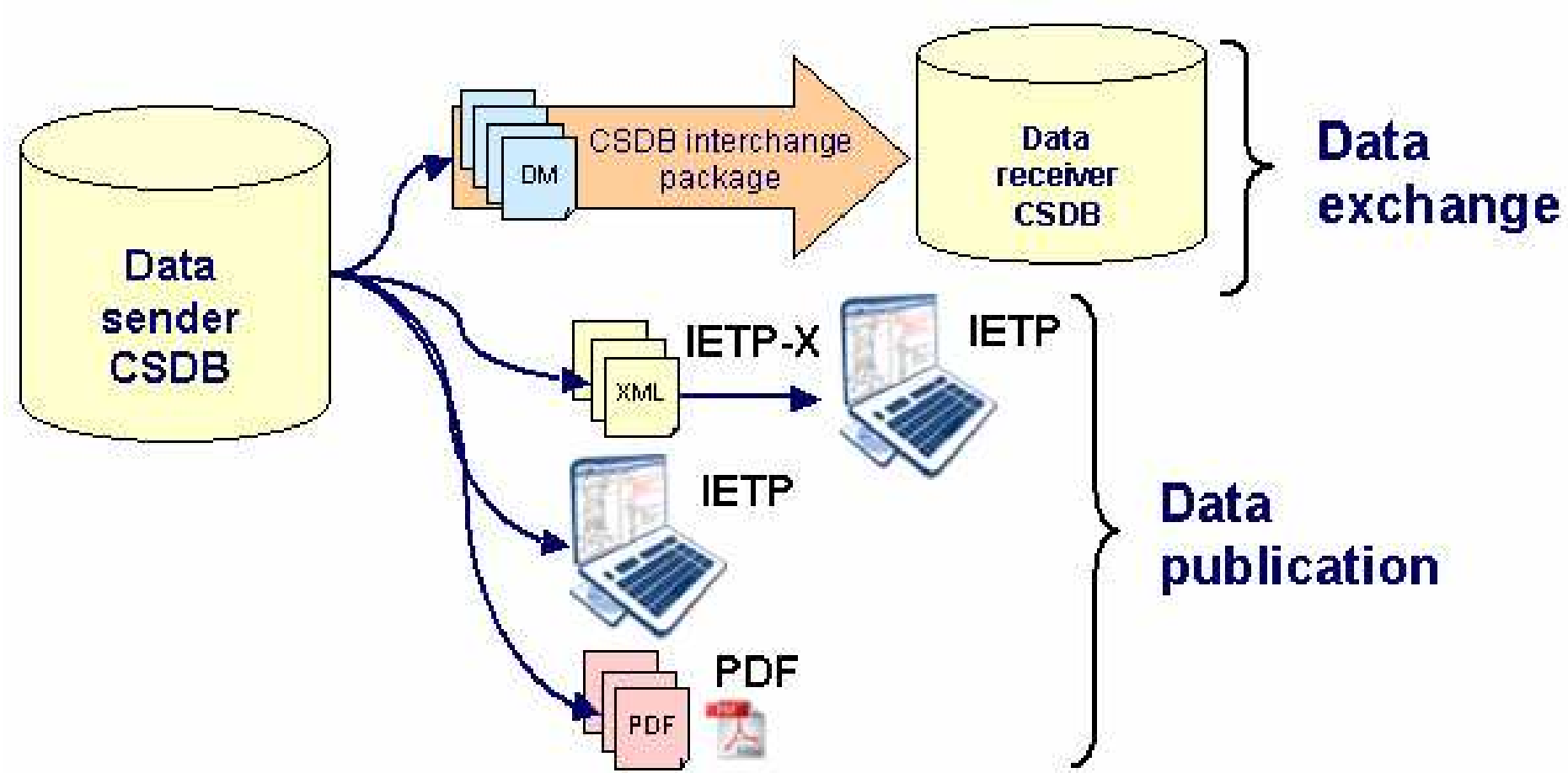
S1000D Vision, Mission and Goals

2010-02-08

Scope

- Technical information for use in the support of operations, maintenance, and training for the product
- Production and delivery of
  - page-oriented
  - Interactive Electronic Technical Publication (IETP)
  - data-centric information supporting a run-time environment
- Design, Logistics Support Analysis (LSA), provisioning, reliability and maintenance analysis data are not in the scope of S1000D

CSDB


Data sender CSDB
DM
CSDB interchange package
Data receiver CSDB
Data exchange
IETP-X
XML
IETP
IETP
PDF
PDF
Data publication

Vision

To be the globally adopted specification for efficient interoperable technical information for operations, maintenance and training that support the life cycle of the product.

Mission

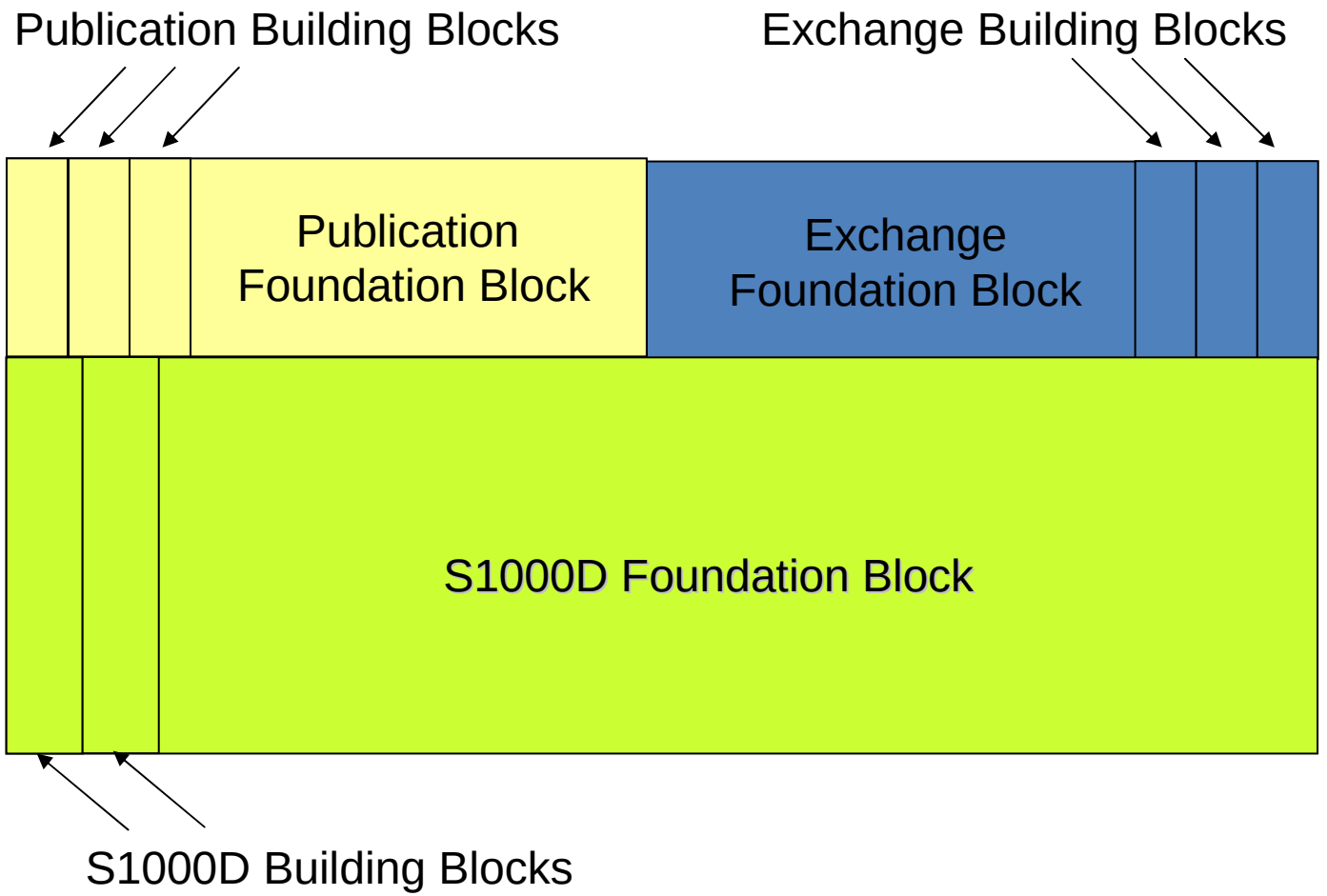
Achieve optimum reuse and interoperability of technical information by providing an agile, efficient, data module-centric, platform-neutral specification, while maintaining consistent data structures, leveraging other standards, and helping meet applicable regulatory requirements.

Goals

To be based on a modular approach

- The specification is comprised of foundations and optional building blocks.
- There must be no alternative solutions for the same business requirement
- There must not be similar methods for achieving the same business requirement
- Each of the optional building blocks can be added to the foundations singularly or in combination (extendable by modules)

A modular based specification
Foundations and optional building blocks



Goals

Be agile

- Timely response to changing requirements, technologies and product needs
- Have a well defined, efficient, effective and consistently applied specification management change process

Goals

Maximize efficiency through:

- Focusing on global requirements and constructs
  - Avoiding inclusion of project specific requirements and constructs in the foundation blocks and mature building blocks
  - Supporting project specific requirements and constructs through the use of optional building blocks
- Supporting cost effective production and distribution and use of technical information
- Stable maintenance of the foundation blocks and mature building blocks

Goals

Assure interoperability by:

- Enabling the transfer of information between systems
- Maintaining data integrity across the applications and systems
- Ensuring that there is a business rule exchange mechanism (e.g. BREX)
- Ensuring the information is tool agnostic
- Standardizing and stabilizing the constructs and their interpretation for output in cases where variation could result in inconsistent interpretation of technical information (eg Applicability)
- Requiring semantic and syntactic consistency

Goals

Be “Data module centric” by:

- Working to the data module concept
- Ensuring the data module concept
  - supports self-contained data modules
  - information repository (e.g., Technical Information Repository) dependent data modules
  - information repository data modules
- Supporting information exchange
- Supporting publication modules

Goals

Leveraging other standards by:

- Supporting the agreed collaboration of ASD, AIA and ATA
  - Being compatible with ISO standards
  - Harmonizing with other international and industry standards as appropriate
- Supporting the agreed collaboration of ASD and AIA
  - Integration with the ASD Suite of ILS specifications based on ISO 10303:239

Goals

Broadening adoption and facilitating the use of the specification by making it easy to access, easy to implement and contractible

Questions!?


S1000D-Council
council