



***AIA /ATA/ ASD
S1000D Users Forum***

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“S1000D in Civil Aviation”

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**AeroSpace and Defence
Industries Association of Europe**



Air Transport Association



Overview

- A Look Back
- The Future of Civil Aviation tech Stds
- Civil Aviation Use of S1000D
- What's Happening Now
- It can be done "Delta Example"



A Look Back

- Maintenance Manuals and delivery systems have evolved significantly over the last 20 years
- Each change has brought new features and functionality allowing the technician to focus more on the aircraft and less searching for information.
- S1000D continues that evolution.
- ATA CAWG members are leading the civil aviation industry in the new commercial aviation standards for maintenance data.



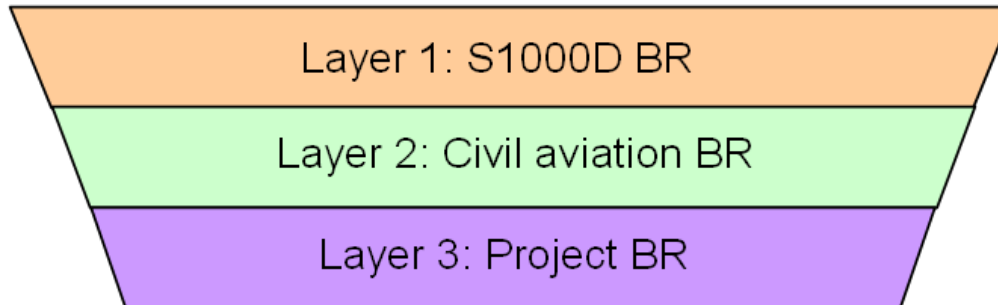
The Future of Civil Aviation Tech Stds

- Information-centric rather than document-centric
- Platform neutral - open architecture
- Consistent data structures, definitions and properties across all applications of the data
- Leverage other standards where applicable
- Enable an appropriate level of data security for the application
- Meet all applicable regulatory requirements



Civil Aviation Use

- Boeing 787, Airbus A350, Bombardier CSeries
- Industry is long overdue to move to the next evolution of data delivery
- Ability to utilize latest software and technology
- Ability to reuse technical data and training materials
- Service Bulletins delivered to S1000D
- ATA/CAWG Activity with S1000D





Civil Aviation Use

- S1000D version 4.1 Civil Aviation Ready
 - ATA Civil Aviation Business Rules
- Boeing B787 Compliant to version 3.0 plus extensions
- Managing different versions of S1000D
- S1000D not something to fear for iSpec users



What's Happening Now

- Component Maintenance Publications Task Team Defining CMM Information Set
 - The component manuals are different
- Mapping from iSpec 2200 to S1000D
- Planning for issue 4.1 final release in Dec 2010
- CAWG Business Project Team CPF review



It Can Be Done

- Delta is the first airline to put legacy data into it's S1000D system
- System is S1000D 3.0 compliant
 - Upgrade to 4.0 is in progress at software provider
 - Upgrade to 4.1 or later version is planned
- System transforms iSpec 2200 revisions to S1000D
- System includes manuals and job instruction cards
- System interfaces with maintenance information system
 - Configuration control interface
 - Parts ordering interface



QUESTIONS?