

ASD SSG Newsletter

May 2014 Issue



AeroSpace and Defense Industries Association of Europe (ASD) is the European association representing the interests of industries in the aeronautics, space, defense and security sectors. [Link](#)



ASD Strategic Standardisation Group (SSG) is the governance group in charge of Aerospace and Defence digital interoperability. [Link](#)
IDENTIFYING THE SET OF STANDARDS REQUIRED FOR AEROSPACE AND DEFENCE DIGITAL INTEROPERABILITY.

Highlights:

[MoSSEC: a new initiative for sharing Modelling and Simulation information in a collaborative Systems Engineering Context](#)

[3D visualisation: SSG action on STEP 3D viewers](#)

[Through life-cycle interoperability: SSG report now available!](#)

[STEP AP242 edition 1 nearly completed! – and publication of AP242 edition 2 White Paper](#)

[Collaboration with AIA \(USA\): 6-7 March 2014 joint workshop on STEP information models](#)

MoSSEC : a new initiative for sharing Modelling and Simulation information in a collaborative Systems Engineering Context

ASD SSG supports the MoSSEC project proposal to drive the international standardisation activity and related implementer forums in this area.

The aim is to **enable traceability and re-use of modelling and simulation information throughout the product lifecycle**, independent of specific IT applications used across collaborating enterprises. The MoSSEC project will bring together the works started in Europe by the CRESCENDO Consortium to apply AP239/PLCS for this scope, and similar works in Europe and US motivated by similar goals.

Potential participants and contributors to the MoSSEC Project are invited to contact the project leader [Adrian Murton](#).

[Read more on SSG website](#)

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3D visualisation: SSG action on STEP 3D viewers

ASD SSG identifies the need of STEP viewers as a critical issue for the Industry. **STEP viewers are key enablers** for the industrial deployment of interoperability processes, e.g. exchange and archiving of mechanical parts (including 3D geometry and Product Manufacturing Information - like tolerances).

In relation with IT vendors, a common status on tools visualisation capabilities in regards to these industry needs has been developed.

Results of this action are now available on ASD SSG website.

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Through life-cycle interoperability: SSG report now available!

The ASD vision of through life-cycle interoperability is that **'All players of the global aerospace value network will be able to share digital information securely throughout the life of the products and services'**.

To face this challenge, the A&D Industries need a **coherent standards based approach** that allows the secure sharing of data and models, with partners and suppliers across a global support network, supported by collaborative efforts to ensure and validate the implementation of those standards by vendors.

ASD SSG has built an **initial set of recommendations** that particularly recognises the value of ISO 10303 STEP Application Protocols, and intends to make these standards the cornerstone of the PLM information interoperability.

This approach has been developed by ASD SSG "Through Life Cycle Interoperability" Working Group, resulting in a comprehensive report now available on SSG website.

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STEP AP242 ED1 nearly completed! – and publication of AP242 ED2 White Paper

Mid of February, **STEP AP 242 edition 1 technical documentation has been sent to ISO for final review before publication as "International Standard"** (planned in June / July 2014).

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The **STEP AP 242 edition 2 white paper has been published on the 30th of March 2014**. It describes the objectives, scope, planning, interdependencies, etc, of the AP 242 ED2 project, allowing the **associations and companies to confirm their participation in the project**.

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Collaboration with AIA: 6-7 March 2014 joint workshop on STEP information models

The **first meeting for coordination with AIA on STEP information models and formats** was held on the 6 – 7 March 2014 in Gaithersburg, USA (27 participants).

The objective was to "Explore STEP information models & formats for the A&D industry for **PLM interoperability and archival**, and propose **recommendations for future development and implementation**".

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