

ASD SSG Newsletter

December 2020 Issue



AeroSpace and Defence Industries Association of Europe (ASD) is the European association representing the interests of industries in the aeronautics, space, defence 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.

1) Governance of A&D digital interoperability capabilities

- Study on the functions and effects of [European Standards and Standardization](#)
- Preparation of a [new coordination of Defense standardization activities](#) in Europe
- CEN TC310 meeting on Machined Readable Standards

2) Systems Engineering interoperability

- Progress of the [AFIS - AFNeT RV&V Interoperability Forum](#)
- [LOTAR MBSE pilot](#) based on AP243 MoSSEC and FMU

3) Product definition and analysis interoperability

- Publication of [AFNeT – prostep ivip STEP AP242 benchmarks](#) for CAD and PDM exchange
- Preparation of the [2nd Test Round of the EWIS Interoperability Forum](#)

4) Integrated Product Support interoperability

- [Product Services Specification Group](#) (PSSG) meeting held on the 17-18 November
- Publication of [SX001G and SX002D](#) by the Data Model and Exchange Working Group
- ASD/AIA [S5000F](#) International specification for in-service data feedback

5) Communication

- Publication of the 8 – 9 Oct. 2020 [AFNeT Standardisation days](#)
- Presentations of 2 – 3 Sept. 2020 [Prostep ivip Symposium](#)

6) Next events

Study on the functions and effects of European Standards and Standardization



The Directorate General for Internal Market, Industry, Entrepreneurship and SMEs has launched a Study on the functions and effects of European standards and standardization in EU and EFTA Member States. The objective is to understand how the creation and adoption of European standards affect competitiveness and innovation in key industrial sectors.

The ASD participated to the survey through the voices of J. Rivera (SVC Chair), C. Buccini (SVC Vice-Chair), R. Luciani (CSSTOG Chair), B. Seidel (PSSG Chair), JP Souzy (SSG Chair) and JY Delaunay (SSG Vice-Chair), on the 27 Oct. 2020.

They highlighted the importance of standards in their response to the following topics:

- The use of European standards in the Aerospace & Defence sector;
- How European standards can enhance and strengthen the competitiveness and innovative capacity companies (including SMEs);
- Possible opportunities/barriers of European standardisation and how could these be exploited or removed.

[Read more here.](#)

Preparation of a new coordination of Defense standardization activities in Europe



The new entity will replace the Defence Standardization Coordination Group in Europe (DSCG), dismantled two years ago.

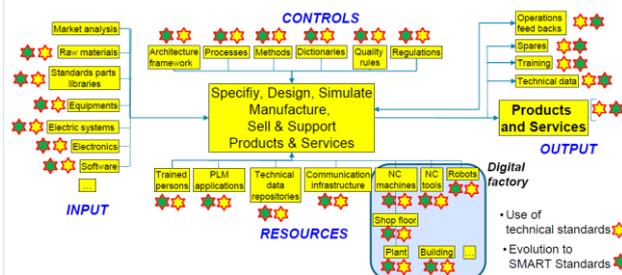
A lot of standards are dual standards, of interest for the civil and defence aerospace and defence industries, and hybrid standards, covering both defence and security requirements

Meeting will be organized by CEN-CENELEC planned in Q1 2021. Contact your A&D national standardization bodies for more information.

10 June 2020 CEN TC310 meeting on Machined Readable Standards

CEN
TC 310

Delivery of Manufacturing products relies on the availability of technical standards, becoming SMART Standards

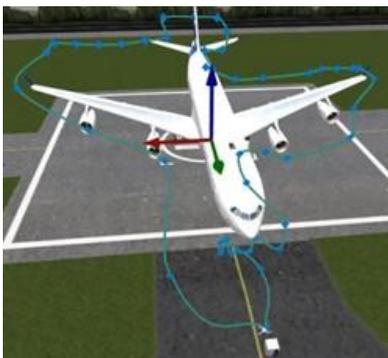


The CEN TC 310 “Advanced automation technologies and their applications” organized a meeting to discuss the outcomes of the increasing activities on Machined Readable Standards”. Presentation of ongoing works on this topics by ISO and CEN – CENELEC, with identification of business values for the automotive, aerospace, ships, building, energy, medicals, etc

This new generation of standards will cover all types of standards (business, ICT/IS, etc), and is a key enabler of the European single digital market.

[Link to CEN/TC 310](#)

Progress of the AFIS - AFNet RV&V Interoperability Forum



The Requirement and V&V Interoperability Forum has selected the Aircraft Inspection Drone Assistant (AIDA) model proposed by IRT St-Exupéry (Toulouse, France) as a basis to build the RV&V-IF test cases.

These test cases will be proposed to MBSE tool vendors to assess interoperability of their tools – as part of the RV&V-IF Implementer Group to be set-up in 2021. The test scenarios will be derived from a set of use cases and exchange requirements currently specified by the User Group.

This activity is open for sharing with other associations.

[Read more on the RV&V-IF page. AIDA model available here.](#)

ASD/AIA Specification – S5000F International specification for in-service data feedback



With the International specification for in-service data feedback now firmly in the market place, many programmes have already adopted it: Rafale, NH-90, (which achieved a major data exchange of 100Mbytes), Brasidas (the French MoD Logistic system), Airbus for SmartForce, 2Moro (MRO software) and even beyond Aerospace & Defence into the maritime world. Some military users are seeking to use the S5000F in deployment scenarios and work on this area and the general development of the Specification will be aided by the growing steering committee, now with 25 active members. To assist the growing number of adopters, the S5000F Steering Committee is to establish a Task team to produce a Guidance document, managed by NHIndustries and a charter for the said task team is under development.

Read more at www.S5000F.com

Publication of the 8 – 9 Oct. 2020 AFNeT Standardisation days presentations”



Presentations and videos of the 6&7 October AFNeT standardisation days are publicly available. The event was fully virtual, prepared with shared webinars from June to October to introduce the public in the final schedule of the 6 and 7 October, which included keynotes, round tables and technical presentations on specific topics.

Read more on the [agenda](#), and <https://download.afnet.fr/ASD2020/>

Publication of presentations of the 2-3 Sept. 2020 Prostep ivip Symposium



The 25th prostep ivip symposium was held on line on the 2 – 3 September 2020, focused on presentations related to “Advanced Systems Engineering – Connected and Autonomous”.

To access the presentations of the symposium: [LINK](#), and the webinars: [LINK](#)

Next events

- LOTAR International meeting, 8 – 11 December 2020
- AIA – ASD SX000i Steering Committee: 11 – 13 January 2021
- AIA – ASD S5000F Steering Committee: 26 – 28 January 2021
- AIA – ASD DMEWG: 16 – 19 February 2021
- Next ASD PSSG: 22 – 24 February 2021
- Next ASD SSG meeting: 9 – 10 March 2021
- CEN TC 310 meeting , 15 March 2021



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