



ASD SSG Chair's Introduction

As I take on the role of ASD SSG Chairman, I want to share a clear vision for our future. The European Aeronautics, Space, and Defence landscape is at a turning point. Our mission is no longer simply to "manage" standards—it is to **engineer the competitive advantage** of the European industry.

Standardization is not a back-office administrative task; it is the **front-line of industrial sovereignty**. Moving forward, our work will be guided by three "Value-First" principles:

- **Speed as a Metric:** We must identify and remove "technical friction" that slows down the standard maturity. A standard that takes five years to finalize is an obsolete standard.
- **Sovereignty by Design:** Every standard we champion must answer one question: *Does this make it easier for European companies to lead, or does it make us dependent on foreign IP?*
- **Interoperability as a Force Multiplier:** ASD SSG members are the architects of a unified European ecosystem. Our success is measured by how seamlessly a system from one member state integrates with another.

I am asking each of you to review your current roadmaps. Together we will be prioritizing projects that offer the highest **Return on Integration** and pausing those that add "red tape" without clear industrial value.

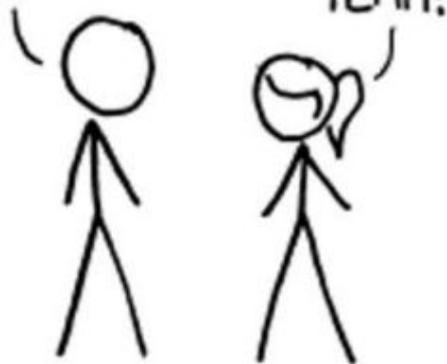
We are moving from being **rule-takers** to **rule-makers**. I look forward to leading this shift with you.

HOW STANDARDS PROLIFERATE:

(SEE: A/C CHARGERS, CHARACTER ENCODINGS, INSTANT MESSAGING, ETC.)

SITUATION:
THERE ARE
14 COMPETING
STANDARDS.

14?! RIDICULOUS!
WE NEED TO DEVELOP
ONE UNIVERSAL STANDARD
THAT COVERS EVERYONE'S
USE CASES.



SOON:

SITUATION:
THERE ARE
15 COMPETING
STANDARDS.

What are the root causes ?

- Culture – Concepts such as “we’re different,” “not invented here,” etc. Culture change is complicated by the vast number of changes influencing engineering teams and environments today.
- Organizational – Structures with different SDOs, teams, committees, etc. This is further challenged by changes in team structures as agile approaches became more common. And different teams within a single organization can be implementing very different norms as the organization transitions.
- Competition – Many SDOs exist. Each SDO is motivated to have its own set of effective standards that contribute to revenue. From the perspective of other stakeholders, competition has driven significant variation in new approaches, moving away from consensus, as competing organizations, tool vendors, and consultants try to promote what they provide as differentiating for success in the industry. All of this has driven proliferation of standards over the years.
- Domains – A focused, narrow view often doesn’t look beyond the domain for commonality.



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Mission: To transform technical standards into a competitive engine for European ASD industries.

The Strategic Vision :

In an increasingly fragmented global landscape, our mission is to leverage standardization not as a regulatory burden, but as a strategic asset.

ASD SSG Group will streamline the technical framework to ensure European companies move faster, integrate more seamlessly, and lead the global market.

As key value drivers for the European Industries ASD SSG shall unify, harmonise, standardize the “radar landscape”

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Key Value Drivers for European Industry

Pillar	Strategic Objective	Economic Value
Interoperability	Harmonizing cross-border protocols for joint defense and space programs.	Reduces R&D duplication and cuts "time-to-market" by 15-20%.
Global Influence	Asserting European standards in international bodies (ISO/CEN).	Protects market share and prevents "technology lock-in" by foreign rivals.
SME Integration	Simplifying compliance pathways for smaller innovators.	Lowers barriers to entry, fostering a more resilient supply chain.
Digital Sovereignty	Accelerating Digital Twin and AI standards for ASD.	Future-proofs the industry against rapid technological shifts.

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Immediate Priorities

- **Efficiency First:** “Auditing” existing standards to eliminate "red tape" that slows down production.
- **Unified Voice:** Consolidating the requirements of European ASD stakeholders to speak with one voice in global forums.
- **Strategic Autonomy:** Prioritizing standards that secure our supply chains and reduce reliance on non-European IP.

The ASD SSG goal is simple: Create a technical environment where European innovation is not just protected, but propelled.

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The "Value First" Mandate

To achieve this vision, I am asking for your commitment to three strategic shifts:

1. **Prioritize "Standardization-by-Design"**: Integrate standard-setting at the very start of Innovation, R&D and lifecycle management cycles rather than as an afterthought.
2. **Resource the Experts**: Empower your best technical minds to represent European interests in international forums (ISO, NATO, SDOs, etc.) as a core business function, not a side project.
3. **Share the ASD SSG Radar** : Ease the Adherence and Adoption as the single source by the European Industries of standards ID cards

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2026 High-Priority Standardization Map

1. The "European Space Shield" (Flagship)	2. The "European Air Shield" (Flagship)	3. The "European Drone Defence Initiative"	4. The "Combat Cloud"
<p>This is the most urgent 2026 priority for the Space pillar. It aims to protect European orbital assets (Galileo, IRIS²) from physical and cyber threats.</p>	<p>Designed to create a multi-layered, continent-wide integrated air and missile defense system.</p>	<p>Responding to lessons from 2024–2025 conflicts, this focuses on an integrated network of detection and neutralization (C-UAS).</p>	<p>Project aimed at creating a cyber-resilient information space that bridges Land, Air, Sea, and Space</p>
<p>Standardization Need: Unified Space Domain Awareness (SDA) data formats.</p>	<p>Standardization Need: Interoperability with NATO Command & Control (C2) and the ESSOR (European Secure Software Defined Radio)</p>	<p>Standardization Need: Plug-and-Play C-UAS sensors.</p>	<p>Standardization Need: Semantic Data Alignment.</p>

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My closing Statement

Standardization is the silent architecture of **sovereignty**.

If we do not define the technical **DNA** of European Aeronautics, Space, and Defense, our competitors will do it for us.

ASD SSG mission is to move from being **rule-takers** to **rule-makers**, ensuring that 'Made in Europe' is synonymous with the global gold standard for efficiency, safety, and interoperability.

ASD STRATEGIC STANDARDISATION: THE THREE PILLARS

AEROSPACE



AEROSPACE

SPACE



SPACE

DEFENCE



DEFENCE

ENGINEERING EUROPEAN SOVEREIGNTY & INDUSTRIAL VELOCITY



THANK YOU