

# S-Series: The Key to Future-Ready Integrated Product Support (IPS) Solutions

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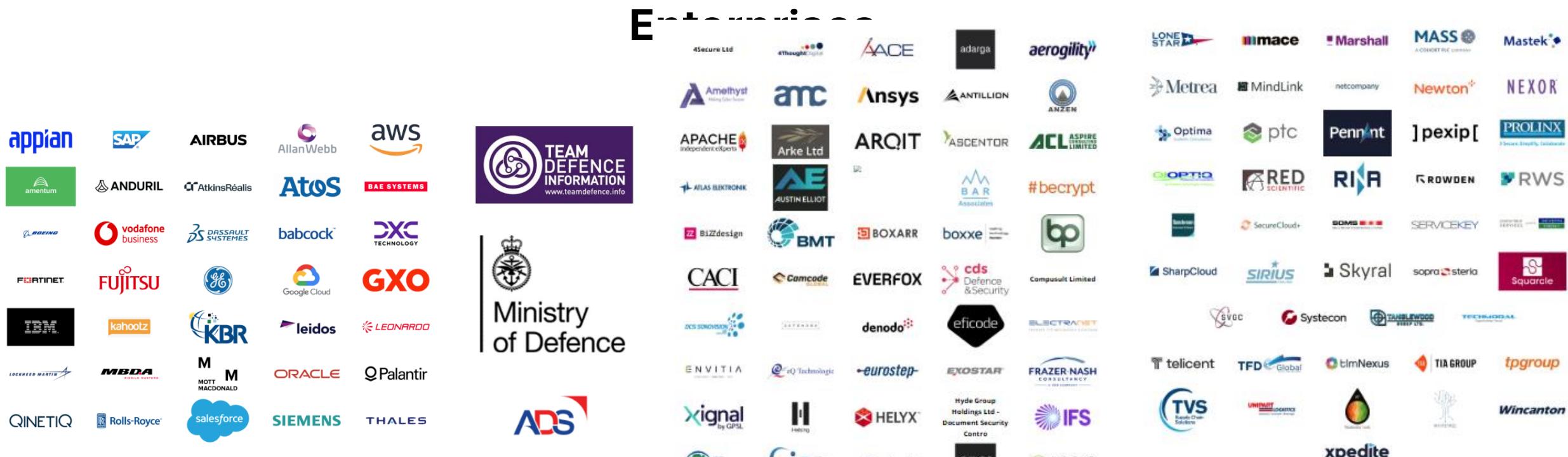
# What is Team Defence Information?



- A collaborative association that informs defence information policy and pilots new ways of working to transform the defence ecosystem
- We bring into play the collective insights, knowledge and innovations of our members to help the MOD deliver its objectives for equipment, support, logistics, and information
- Collaboration with the MOD gives members invaluable business intelligence to align and enhance their products, services, and working practices

# TD-Info Members – Diversity an Asset

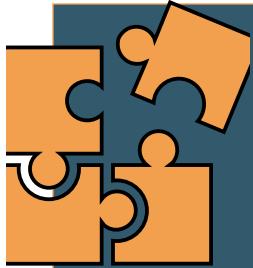
**Over 150 defence company members including  
35 Lead Sponsors and over 50 Small to Medium**



**Lead Sponsors**

**Corporate  
Members**

# Executive Summary



## THE CHALLENGE

European A&D platforms are growing in complexity, but fragmented Product Support data and solutions are holding us back.



## THE SOLUTION

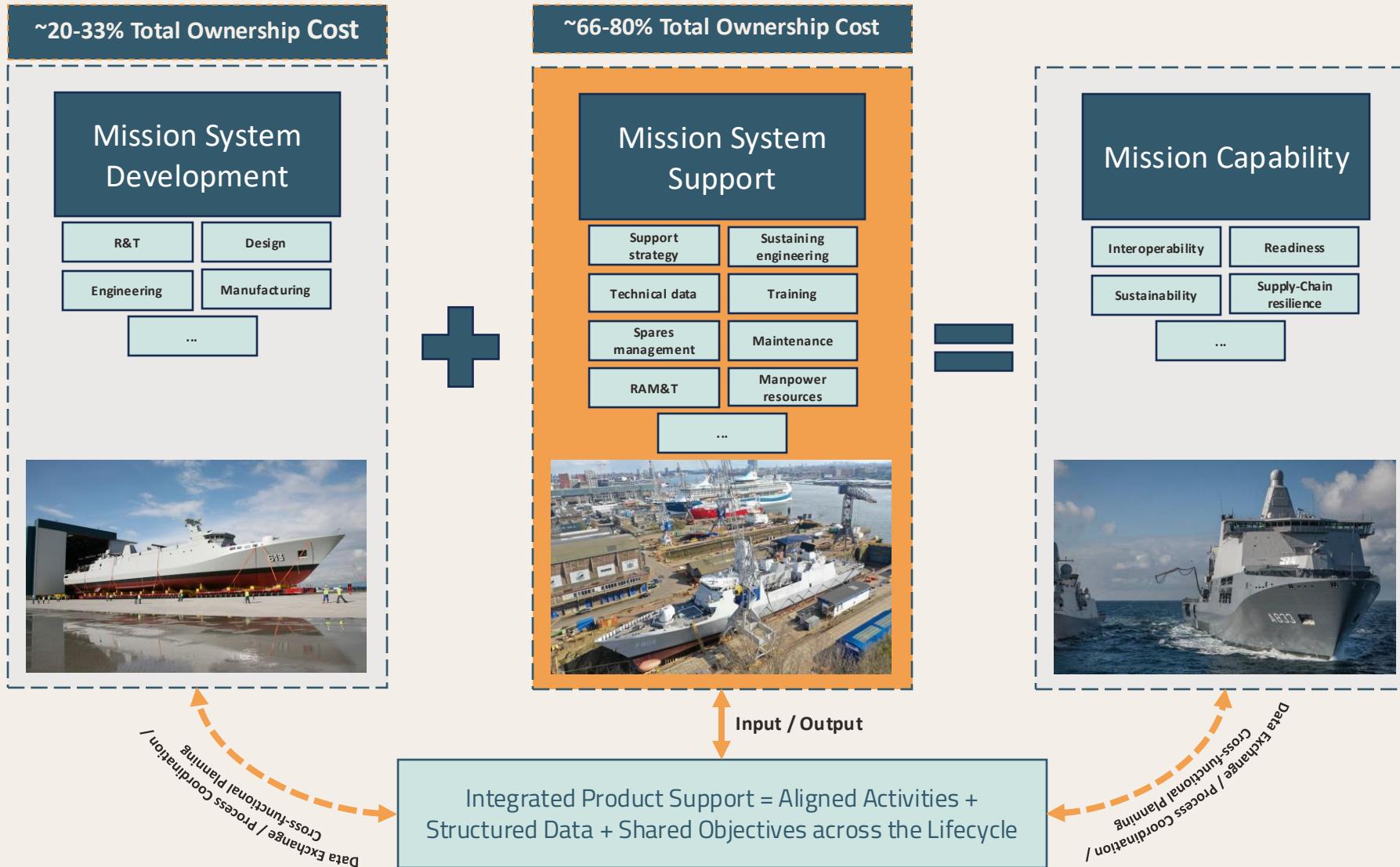
The S-Series is the only global IPS standard built by and for industry, adopted by customers and driving interoperability, readiness, and cost-efficiency.



## WHAT WE NEED

Structured support from ASD members to maintain, evolve, and position the S-Series as the global standard for A&D product Support solutions.

# What is Integrated Product Support?



# The Importance of Support (Through Life)



**Initial acquisition cost is obvious and easy to see - like the top of the iceberg**

Total lifecycle costs however amount to much more - like installation, maintenance, upgrades, repairs, downtime, etc.

The ability to see the whole picture of a single asset's cost, allows you to make good business and operational decisions since you're not only see what's directly in front of you - but the whole picture.

# IPS: A Strategic Capability Under Transformation

Integrated Product Support is key to performance, profitability, and customer satisfaction across a system's lifecycle. As next-gen platforms grow more complex and connected, support must evolve too – becoming more integrated, digital, and data-driven.

## Why it matters:

- **2/3 of Total Ownership Cost:** Product Support is the biggest cost/revenue driver in aerospace & defence programmes.
- **Revenue and trust generator:** Long-term contracts depend on reliable in-service support.
- **Competitiveness Enabler:** Companies that master support win more business and keep it.

## What's Changing:

- **Next-Gen platforms require Next-Gen support:** System-of-systems, software-driven, AI-enabled assets need integrated, adaptive Support solutions.
- **Real-Time, Data-Driven Expectations:** Customers want faster updates, predictive maintenance, and lifecycle traceability.
- **Multi-Stakeholder Complexity:** Global supply chains, multinational operations demand seamless interoperability



Without a structured, standardised approach, organisations face higher costs, inefficiencies, supply chain bottlenecks, and reduced readiness



# Introducing the S-Series suite of IPS Specifications

The S-Series specifications provide a unified framework to manage **processes** and **data** throughout the **lifecycle of systems**, ensuring reliability, efficiency, and **mission readiness**. By serving as a single source of truth for IPS data operations, they enable seamless, efficient, and integrated support across stakeholders.

## How the S-Series Work:

- **Unified Data Framework:** Provides consistent, machine-readable formats, eliminating fragmented systems.
- **Interoperability Across Stakeholders:** Enables smooth data exchange and system integration across the supply chain.
- **Lifecycle Integration:** Use a unified data model to standardise information exchange across design, maintenance, and operational feedback, ensuring seamless alignment and continuous improvement.

## Added value of the S-Series:

- **Collaboration and interoperability:** Unites OEMs, operators, suppliers, and MROs under one standard framework.
- **Efficiency and cost savings:** Reduces redundancies, eliminates silos, and streamlines sustainment processes.
- **Enables innovation:** Supports digital twins, AI-driven insights, and real-time diagnostics.

# S-SERIES

## S1000D

## S2000M

## S3000L

## S4000P

## S5000F

## S6000T

## SX000i

**Technical Publications:** Standardised documentation, structured XML-based authoring

**Materiel Management:** Parts provisioning, procurement, and stock control

**Logistic Support Analysis (LSA):** Failure analysis, reliability, and lifecycle cost management

**Preventive Maintenance:** Maintenance planning and task optimization

**In-Service Data Feedback:** Operational data collection for sustainment and improvement

**Training Needs Analysis:** Structured approach to training development

**IPS Governance & Integration:** Guiding principles for IPS implementation

# Building on a legacy: Evolving the S-Series for tomorrow's challenges

## A proven foundation:

- Born in Europe in the 1980s to support complex, multinational defence programmes.
- Backed by a 2007 MoU with the US – now used across Europe, North America, and Asia-Pacific.
- Embedded in major MoD procurement requirements across NATO nations.

## A strategic opportunity:

- A common IPS language across the supply chain – connecting OEMs, MROs, suppliers, and customers.
- Boosts readiness, cuts sustainment costs, and drives efficiency.
- Lays the groundwork for AI, predictive maintenance, and digital twins.

## Keeping Europe in the lead:

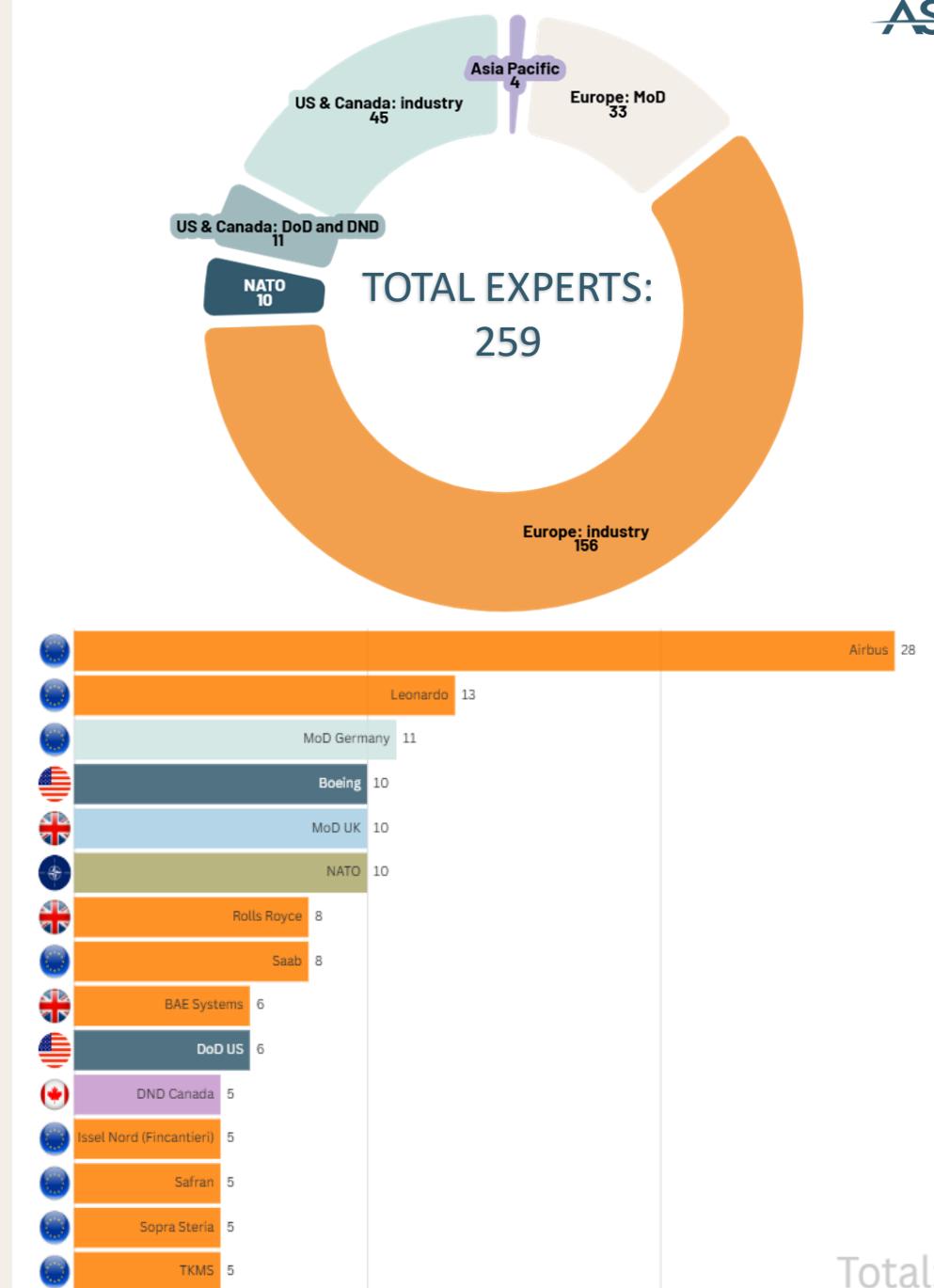
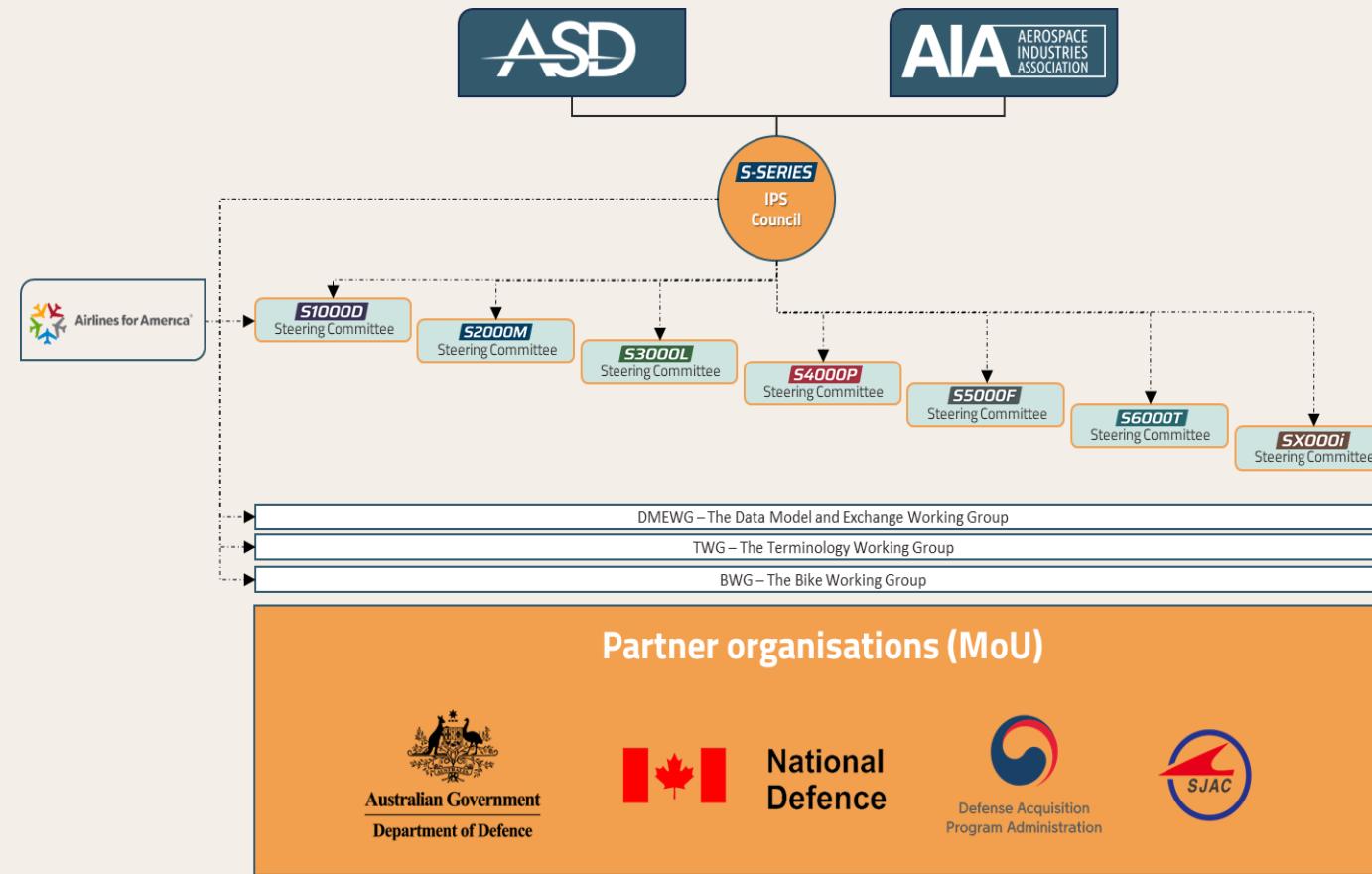
- Defence customers want faster, smarter, more connected support.
- Without action, the S-Series risks losing ground to fragmented or foreign-led efforts.
- Now's the time to invest and lead – or risk falling behind



The S-Series represents a European-led innovation that strengthens the global position of European A&D companies.



# S-Series Governance and Working Structure



# Your role in shaping the future

- **The challenge we face:** The S-Series is now becoming the global reference for IPS, but its development still depends on ad-hoc contributions. To keep pace with customer requirements and to integrate AI, digitalisation, and automation, we urgently need structured tools, resources, and support.
- **The Ask:** Supporting the S-Series is not a cost – it's a strategic investment in European industry's competitiveness, interoperability, and long-term Product Support leadership.
- **What's at Stake:** Without action, the S-Series risks falling behind tomorrow's support requirements. With your commitment, we ensure ASD and partners remains in control of the standard shaping future defence Integrated Product Support solutions.



# Investing in the Future of IPS

Ensuring the sustainability and evolution of the S-Series through structured support:



## Expertise & Participation

- **Maintain critical expert contributions** from companies already heavily engaged, despite turnover or shifting priorities.
- **Encourage increased participation** from companies currently less active in IPS/S-Series development.



## Tools & Infrastructure

- **New tools for editing & publication:** Ensure smoother updates and accessibility of specifications.
- **Shared IT infrastructure for specification management** (data modelling, access, versioning):



## Dedicated Staff Support

- **One full-time staff** to support, coordinate, and promote S-Series/IPS activities across the ASD ecosystem.



## Promotion & Engagement

- **Organise workshops, seminars, and promotional events** to drive adoption, awareness, and implementation across industry and government stakeholders.

**Investment in new Resources & Processes will cement the S-Series as the global IPS standard for our sector, driving financial gains, operational efficiency, and securing Europe's leadership in Product Support excellence.**

