S-Series Keynote Address

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Agenda

• Honour and a Privilege
• Thanks to AIA Team for Conference so far
• Worldview or “Weltanschauung”
• Third Offset
• European and UK Response
• Importance of Standards
  • How to get involved
• London 2019
Contribution to the Global Economy
Share of Civil Aerospace Industry in the Global Market (ICCAIA members)
European Aerospace & Defence Industry Turnover

INDUSTRY TURNOVER

€222 BILLION

SECTOR

CIVIL AERONAUTICS 51%
LAND & NAVAL 24%
MILITARY AERONAUTICS 22%
SPACE 3%

CIVIL AERONAUTICS €113.4 BILLION
LAND & NAVAL €53 BILLION
MILITARY AERONAUTICS €48.3 BILLION
SPACE €7.5 BILLION
World Military Expenditure

Who are the largest defence spenders around the globe? (2012 vs 2016 levels)

(current € billions)

2012 defence spending
2016 defence spending

US 539
EU-28 546
China 159
Russia 206
Saudi Arabia 81
France 131
Germany 62
India 51
Japan 40
UK 42

Data source: IISS Military Balance 2013/2017
Conflict

- Middle East – The West has focussed here for 25 years at least:
- Asymmetric war
  - Two Gulf wars
  - Afghanistan
  - Libya
  - Syria, civil war - 350,000 dead
Conflict

- Russia
  - Annexation of Crimea
  - Sanctions
Conflict

- Russia
  - Novichok Poisoning
  - Expulsion of diplomats
Conflict

Russia prepares for vast military exercise in far east

Russia has launched its largest military exercise since the Cold War, amid heightened tensions with Nato.

Large troop formations are being sent to Russia's far east, for Vostok-2018.

📅 11 Sep 2018
Response

• Deployment
• UK Troops - Germany
First Offset
Second Offset
Third Offset
ASD Membership

Companies

National Associations

- AIRBUS
- BAE SYSTEMS
- DASSAULT AVIATION
- FINCANTIERI
- LEONARDO
- MBDA
- NAVAL GROUP
- NAVANTIA
- Rolls-Royce
- SAAB
- SAFRAN
- THALES
- FSi

- NiDV
- SOFF (Swedish Aerospace Industries)
- FAD
- APAI
- BDLI
- BDSV
- ALV
- AOBP
- WKO
- BDSV
- BDIA
- AAD
- AED
- AEDC
- Tedae
- AEDC
- SaSaD
- AIA
- AGORIA
- Navantia
- Indra
- MBDA
- NIDV
- FSi

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BREXiT Options

BREXiT means BREXiT

1. Leave with a deal
2. Leave without a deal
3. Stay in the EU
4. Second Referendum
FREXiT Options

Non!
Resources

Etihad – The Army

Old Trafford – Navy and Airforce
Doing much more with Less

MINISTRY OF DEFENCE

DEFENCE SUPPLIERS FORUM
FIRST MEETING 2018
21 May 2018
5th Floor, Pepsys Suite, MOD Main Building

Government
Lt Hon Gavin Williamson MP Secretary of State for Defence (Chair)
Guto Bebb MP Minister for Defence Procurement
Richard Harrington MP Minister for Business and Industry
Sir Simon Sollym CEO Defence Equipment and Support
Andrew Fossum Chief Commercial Officer
Huw Walters Director Economic Security and Prosperity
Tina Kent Defence Strategy and Priorities Head
Lisa Hole Industrial Policy Head
Simon Everest DIT Defence and Security Organisation Head
Keith Hodkinson BEIS Deputy Director, Advanced Manufacturing Service

Industry
Charles Woodburn CEO, BAE Systems
Archie Bethel CEO, Babcock International Group
Andrew Cowdery Head of Government Relations, Leonardo MW Ltd
Victor Chavez CE, Thales UK
Peter Ruddock CE, Lockheed Martin UK
Kevin Craven CEO, SERCO, UK and Europe
Steve Rowbotham COO, General Dynamics UK
Simon Fowargue VP, DXC Technology
David Pitchforth VP, Boeing Defense, Space & Security Global Operations
Chris Alastair MD, MBDA
Bob Stoddart Director Customer Business Defence, Rolls-Royce
Steve Wadley CEO, OrbisIQ
Jeremy Greaves VP Communications, Airbus

Representative from the Mid-Tier Forum
Nick Elliott DG Commercial, DE&IS
Alain Buckland CEO, Atkins Global
Mal Macdonald Mid-Tier Representative

Representative from the SME Forum
Andy Tushcher Director, EEF
Matthew Goodwin MD, Goodwin International

Apologies
Gavin Paynter MD Defence and Space, Airbus Group UK
Norman Bone Chairman, Leonardo MW
Underpinning Architecture
Working Group on Data Exchanges

UK MoD

• Adopting S-series to support QE Class
Getting Involved

STANDARDS INVOLVEMENT BY COMPANY

- Airbus, 92
- Leonardo, 19
- Boeing, 15
- SAAB, 18
- German Log Command, 18
- Ministry of Defence UK, 13
- OCCAR, 10
- DOD, 10
- Rolls Royce, 11
- BAE Systems, 12
- NSPA, 14
- AT MoD, 7
- NETMA, 8
- Bundeswehr, 6
- Babcock International, 5
Services Commission (SVC)

Javier Riviera (Airbus)
(Chairman)

New Services Specifications Group (NSSG)
Eduardo Chamorro (CESA) (Chairman)

Training and Operation Service Group (TOSG)
(No chairman)

Product Services Specifications Group (PSSG)
Phil Williams (TD-Info) (Chairman)

Strategic Standardisation Group (SSG)
Yves Baudier (Airbus) (Chairman)

Reporting Groups

Governing body for the ASD representatives in the S1000D Council

ASD Staff
Agnès Palomérois-Ferragu, Strategy Director
Ana Chirulescu, Services Manager
Michaela Vituskova, Director & Team Assistant

S1000D Council & Steering Committee Report (S1000D User Forum 2018)
Final Messages

We live in uncertain & Complex times

Collaboration is ever more vital

Need to agree on a set of Standards!
Further Final Message
User Forum 2019

The S1000D User Forum, October 2019, will include the attendance at two major London venues. These venues are The Institution of Engineering and Technology (IET) building and the Royal Air Force Museum.

For further information on these two sites, please visit their websites:
London Attractions

The IET building is ideally situated along the River Thames. Nearby there are a number of famous London landmarks that can be visited and experienced, including the following:

**Big Ben** – London’s iconic 16-storey timepiece and national symbol

**London Eye** – The riverside observation wheel, visible from the IET balcony

**Tower of London** – A medieval castle that houses the Royal Crown

**Buckingham Palace** – The gorgeous home of the British Queen and State Rooms
Thank you
for your attention!

Questions?