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# **S1000D - Defense Interest Group**

## **Nations cooperate in guidance for S1000D defense projects**

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## Presentation

- Introduction
- Main priorities of the nations
- The way ahead



# Introduction

## Introduction

### S1000D Defense Interest Group (DIG)

In the early years of this decade:

- Nations start a program to provide guidance proceedings in conformity with S1000D as applicable to defense projects

DIG members believe that applying S1000D in defense projects leads to

- Higher quality results
- Lower costs
- An optimization of resources and a minimization of time to delivery of technical publications in military S1000D projects

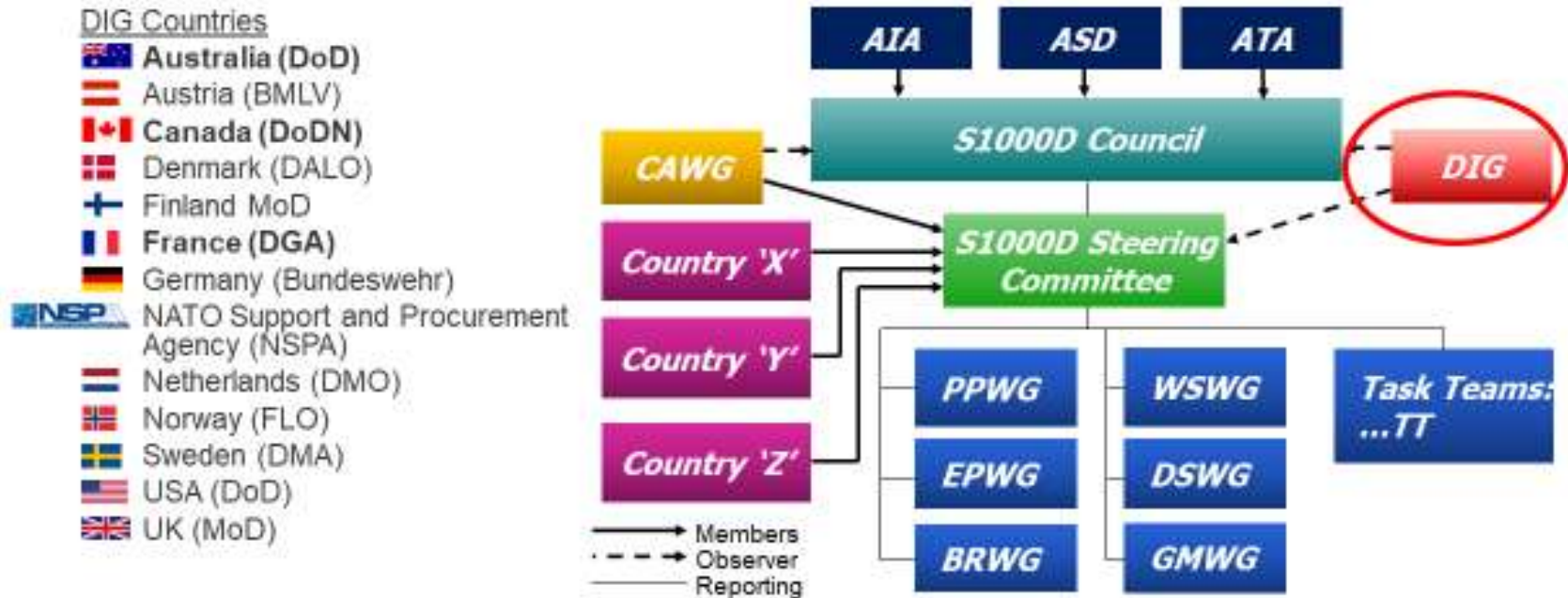
## Introduction

### S1000D DIG Terms of Reference (summary)

- The S1000D Defense Interest Group (S1000D DIG) is an independent body representing defense customers who have a vested interest in the specification.
- The role of the S1000D-DIG is to ensure that defense requirements are articulated on and presented at the S1000D Steering Committee and Council. the overall objective is to ensure that S1000D continues to meet the needs of global users and producers of defense products.
- Membership on the S1000D-DIG is comprised of representatives from defense customers, national ministries and departments of defense. Each nation may be represented by a primary and a secondary representative. National representatives may be supported by a specialist when required.
- The Chair represents the DIG at the Council meetings and at the S1000D Steering Committee.

# Introduction

## S1000D DIG within S1000D organization



# Main priorities of the nations

## Main priorities of the nations

### The S1000D DIG Special meeting in Linköping

- In October 2018, the S1000D Defense Interest Group (DIG) organized a meeting with the Departments/Ministries of Defense (DoDs/MoDs) in Linköping Sweden.
- The main goal of the meeting was to define the DoD/MoD's future priorities regarding S1000D in defense projects.
- The result that came out of the meeting was the list of the following main priorities.



## Main priorities of the nations

### The list of main priorities

1. Modularisation as a solution for making the spec easier
2. Contracting experience
3. Knowledge transfer -> By sharing information
4. More extensive descriptions for Sea and Land in Spec
5. 3D Model Engineering
6. Harmonization of the S-Series suite of specifications
7. Training: Lacks for more advanced tasks
8. Common viewer plus offline viewing

## Main priorities of the nations

### 1. Modularisation

A modularized S1000D specification will make it much easier for the nations to use the specification and tailor it to their specific needs.

Modularization of the specification is on the S1000D Steering Committee's (SC) roadmap.

The nations in the S1000D DIG emphasize the importance of modularization.

## Main priorities of the nations

### 2. Contracting experience

Contracting S1000D can be a complex task.

The S1000D DIG members have agreed that the more experienced nations will share their experience in how to successfully contract S1000D in defense projects with the less experienced nations.

## Main priorities of the nations

### 3. Knowledge transfer

In order to optimize all aspects of the S1000D in defense projects a profound knowledge of the specification is essential.

The S1000D DIG members have agreed to optimize the knowledge transfer by setting up a system for information sharing between the nations.

## Main priorities of the nations

### 4. More extensive descriptions for Sea and Land in Spec

S1000D covers Air, Land and Sea systems. With the increasing number of defense projects for Land and Sea products, the need for more detailed descriptions for Land and Sea products increases as well.

S1000D DIG therefore asks the S1000D SC to add more extensive descriptions for Land and Sea systems.

## Main priorities of the nations

### 5. 3D Model Engineering

Large amounts of data for S1000D projects originate from 3D engineering models.

There is a growing need in defense projects to get better support for using 3D engineering data in an S1000D environment.

## Main priorities of the nations

### 6. Harmonization of the S-Series suite of specifications

There is a growing need for the interchange between or linking to data from other Integrated Logistic Support (ILS) domains.

An increasing number of nations ask their OEMs to supply the ILS data in accordance with the S-Series ILS specifications.

In order to optimize the interchange of the information between the S-Series ILS specifications, the S1000D included, further harmonization between those specifications is required.

## Main priorities of the nations

### 7. Training

There a number of basic courses in XML and S1000D.

These courses do not fulfill the needs for S1000D users that need to perform the more advanced tasks.

The S1000D DIG asks for more advanced S1000D training to become available.



## Main priorities of the nations

### 8. Common viewer

An increasing number of nations receive an increasing number of S1000D publications.

Depending on nation, the OEM, the product and many more variables, the final deliveries (IETPs) come with completely different and proprietary viewers and supporting IT-infrastructure.

The S1000D DIG nations ideal would be to have only one common viewer for all of their IETPs. To be used both in networked and offline environments.



# The way ahead

## The way ahead

- S1000D DIG will describe each of the main priorities in more detail
- The descriptions will be made available as part of the S1000D DIG suite of information DIG and made accessible on the S1000D DIG website
- Industry and solution providers are challenged to address the main priorities in order to further optimize the use of S1000D in defense projects

S1000D DIG: <http://www.s1000ddig.org/>

# Thank you

for your attention!

## Questions?



Ministry of Defence

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