



Host (on behalf of ASD):



ADS is the Premier Trade Organisation for companies in the UK Aerospace, Defence, Security and Space Sectors.

UK MOD and S1000D

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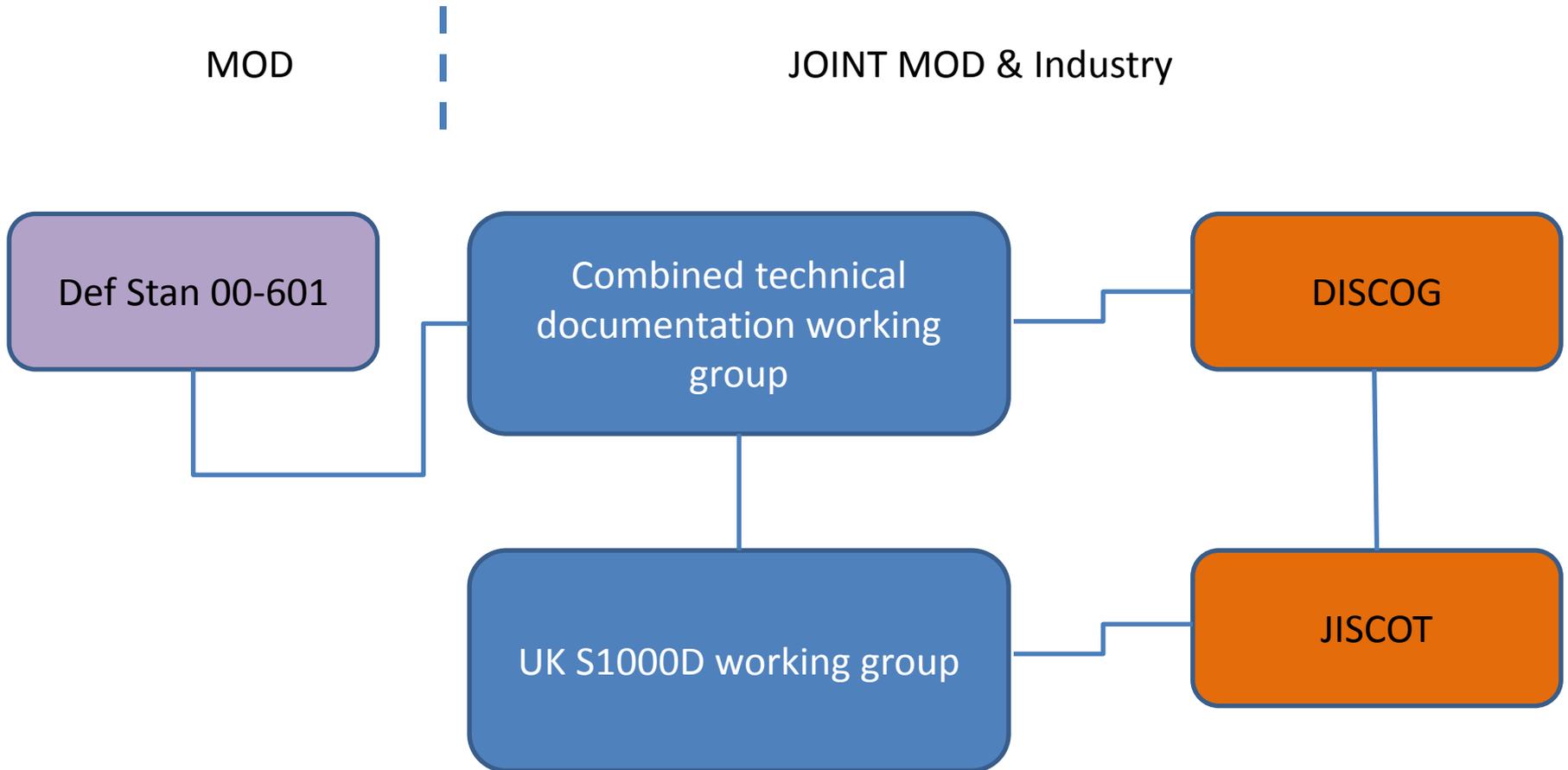
Background

The UKMOD has been involved in S1000D since the early days of the spec 30+ years and actually hosted the first S1000D forum in a place called Wyboston near Cambridge.

It was put into policy under an initiative called Computer Integration of Requirements, Procurement, Logistics, and Support (UK) (CIRPLS) (around 25 years ago)

CIRPLS Sheet 10 - detailed the use of S1000D for military technical documentation

Management of S1000D (the Spec)



Defence Standard 00-601

Defence Standard 00-601: *MOD Business Rules – Contracting for Technical Documentation* is based on Issue 4.1 of the S1000D Specification and consists of 4 parts;

- Air S1000D BR – Part 1 (published)
- Maritime S1000D BR – Part 2 (published)
- Land S1000D BR – Part 3 (waiting publication by StanMIS)
- Non S1000D BR – Part 4 (Land published, Air/Sea ongoing)

Defence Standard 00-601

Structure (longer term :- **not yet agreed**)

- Decision tree/matrix
- Tailoring guide
- Illustration rules (S1000D)
- Writing Rules (S1000D)
- S1000D Rules
- Non S1000D Rules
- Commenting methods
 - S1000D
 - Non S1000D

S1000D Usage in the UK MOD

UKMOD using 1.6 to 4.1 across Sea, Air and Land.

Most early projects only used three DTD/Schemas;

- IPD
- Procedural
- Descriptive
 - Some projects were supplemented by other support information in the delivery environment e.g. proprietary databases

Example Projects

A400M	FALCON	SEAWOLF	SV
AJT	FCLV/PANTHER	SENTRY	SWIM 2
AMRAAM	F-35	SIFF	T102 RADAR
ASTOR	HUNT - NAUTIS 3	SLS	TYPE 45
ASTUTE	LRR – T45	SMCS(NG)	TERRIER
BEDERAL	MESH	SONAR 2076	TORNADO
BRIMSTONE	PAAMS - T45	SONAR 2170	TROJAN/TITAN
CASOM/STORMSHADOW	PGB	SONAR 2193	TYPHOON
DII LD	QEC	SOOTHSAYER	WATCHKEEPER
DII MAR	SANDOWN - NAUTIS 3	SPEARFISH RATE	PANTHER
DNA(2)	SAWCS	SUPACAT	SEA CEPTOR

All major programs in Air and Sea are S1000D.

So what are the issues?

People

- Lack of SQEP in the projects
- Lack of knowledge in the Domains
- Single point of failure in policy team
- All expertise in Industry

So what are the issues?

Process

- Multiple systems for delivery of Policy
- Policy not well documented as it is disparate.
- Multiple deliverables to MOD based on contract

So what are the issues?

Technology

- Legacy CSDB
- Multiple toolsets
- Support solution integration
- Environment
 - Infrastructure to support CSDB objects
 - Minimal - none
 - Infrastructure to support IETP
 - Multiple networks
 - Moving towards corporate portal and mobile devices
 - Service solutions

How are these being addressed?

People

- MOD TD team uplift to two
- S1000D awareness courses delivered to MOD Delivery Teams (DT)
- Def Stan 00-601 awareness presentations delivered to MOD DT

How are these being addressed?

Process

- Defence Logistics Framework (DLF) is now the authoritative source for MOD TD Policy, Advice & Guidance (A&G)
- MOD TD team engagement with MOD domains to align and standardise A&G where possible

How are these being addressed?

Technology

- Business Modularisation for Support (BMfS) is looking at the MOD application portfolio with intention of reducing and standardising TD solutions

S1000D Usage in the UK MOD

AIR	
Application of the standard	Green
People	Green
Process	Green
Technology	Green
SEA	
Application of the standard	Green
People	Green
Process	Green
Technology	Yellow
Land	
Application of the standard	Red
People	Red
Process	Red
Technology	Red

Summary

- Whilst there isn't a lot of S1000D expertise within MOD, this is being addressed
- S1000D is predominately done and managed by industry partners
- Changes to the way the MOD wants to work in the future will drive towards more S1000D data integrated with other ASD specifications.