

# Defence Asset management Community Of Practice

## Brief to IPS CoP



16<sup>th</sup> June 2022

**Gordon Roberts**

#	Agenda Item
1	Background Info about the UK Defence Enterprise
2	AM State of Play in UK Defence
3	Defence Asset Management Community of Practice
4	Questions

## Gordon Roberts

- Service Asset and Configuration Head Defence Digital
- New(ish) to sector following 15 years in Education IT and 5 years private sector IT
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# Background – The Defence Enterprise

## UK MOD Departments and Agencies (all organisations are a part of the MOD)

MOD Head Office

Sets policy and direction

Army Command

Navy Command

Air Command

Strategic  
Command

Defence Nuclear  
Organisation

**Command Organisations.**  
Define requirements for the enabling organisations to deliver.

Defence  
Equipment &  
Support

Submarine  
Delivery Agency

Defence  
Infrastructure  
Organisation

Atomic Weapons  
Establishment

Defence Science  
& Technology  
Laboratories

Defence Digital

**Enabling Organisations.**  
Deliver requirements through mix of self delivery and placing contracts with Industry

UK Hydrographic  
Office

Defence Electronics  
& Components  
Agency

Single Source  
Regulations Office

Oil & Pipelines  
Agency

Defence Safety  
Authority

Defence Business  
Services

## Defence Industry – Prime Contractors

BAE Systems

Babcock

Airbus

QinetiQ

Atlas Elektronik

General  
Dynamics

Leonardo

Fujitsu

Rolls-Royce

Boeing

Lockheed Martin

Serco

Oshkosh

Thales

MBDA

BT

and Tier 2 / Tier 3 Contractors, SMEs, Consultancies, Defence Trade Associations, etc.

# UK Defence – AM State of play



3\* Chief of Defence Logistics and Support (CDLS) has launched a Lifecycle AM approach for equipment based on ISO55001 in its Defence Support Strategy (November 2020)

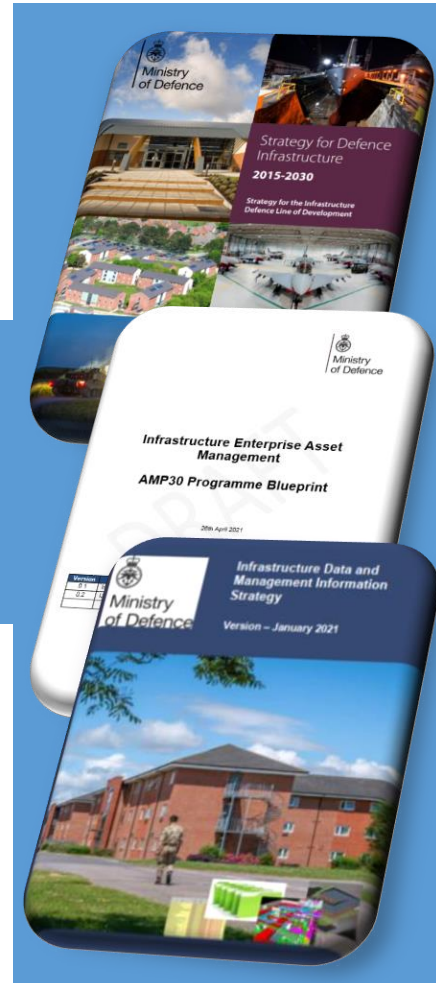
3\* Finance and Military Capability has similarly launched an extensive AM Programme (AMP30) targeting competent asset management across the Infrastructure Function (all of the Defence Estate representing some 10% of the MoD budget)



## The Challenge

- 10 Nuclear Submarines (4 x ballistic submarines to deliver the deterrent, 6 x attack submarines)
- 70 systems: 100k critical components
- High hazard mix of undersea environment, nuclear, explosives and people
- Highly integrated equipment and technologies, with varying lifecycles, set in a complex nuclear infrastructure
- All of which needs to work at the same time, every time
- One of the most significant factors in delivering the UK submarine capability is availability
- Optimising the balance between the time available to the operator with time in maintenance is essential for our submarines to undertake operations of strategic national importance - all of which are paramount to our ongoing security in a world of global threats and uncertainty.

Through Project Resolution, AM is seen as a key enabler by SDA to modernising the way in which MOD is delivering submarine support to maximise the time available from these high value assets.




# UK Defence – AM State of play



3\* CIO emphasis on IT Asset and Configuration Management to defend Defence.

Team Defence Info – a cross industry group has recently established an AM Community of Practice to promote AM concepts and share best practice across the Defence enterprise. This supported the AM Whitepaper published in 2020.



IAM South West Branch Event held jointly with Team Defence Info on the 24<sup>th</sup> Nov 2021:  
Asset Management in Defence

# Defence Enterprise – Promoting AM

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Defence Business Services

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Established in Feb 2021 to promote AM concepts and share best practice across the Defence enterprise



3 co-chairs in place



6 meetings held so far



69 registered members



27 companies/organisations represented (counting MOD as one)

## Our Purpose

The joint nature of the DAM CoP is designed to promote collaboration and mutually beneficial outcomes in the development of a Defence Asset Management System (AMS), the wider stakeholder touchpoints and Defence's realisation of the National Security Objectives.

## Implementation of AM across Defence (1)



### Areas of consideration:

- Which parts of defence enterprise should be doing which parts of AM
- What is common across defence
- What is unique to some parts of defence
- How can TD-Info support the industry to move forward

## Defence Digital Assets (2)



### Areas of consideration:

- Configuration of digital assets and associated data
- Current practices for managing digital assets (s/w and h/w)
- What processes/standards/policy exist in different parts of Defence Enterprise
- Establish common best practice

## Defence specific guidelines for Asset Management (3)



### Areas of consideration:

- Develop guidelines using defence language that helps to interpret ISO55k, PAS280, IAM 39 subjects and 00-600
- Emphasise AM is more than engineering
- Address distinction between AM and Managing Assets