

1<sup>st</sup> /2023 SCM

Subject No 4



**INTEGRATED AIR & MISSILE DEFENCE  
CENTRE OF EXCELLENCE**

Souda Air Base, 73100, Chania

<https://www.iamd-coe.org>



**1<sup>st</sup>/2023 Steering Committee Meeting  
POINT PAPER**

<b>Our Ref:</b>	NU. 567	<b>Tel.:</b>	+302821440781
		<b>NCN:</b>	302-615-4081
<b>Date:</b>	28 Jul 2023	<b>Email:</b>	<a href="mailto:info@iamd-coe.org">info@iamd-coe.org</a>

**TO:** See Distribution

**SUBJECT:** Support to NATO Distributed Synthetic Training. (DST) Working Group.

**REF:** RfS 23#171 / STO CSO MSCO (NMSG) (DST)

**No:** 4

**PURPOSE:** To approve the participation in the activities of the aforementioned Working Group.

**BACKGROUND:** Many Allied Nations re-evaluated the live-synthetic balance of their operational training in order to address issues such as security, range/airspace and asset availability, frequency, cost, and environmental factors. The growing demand for distributed mission training in a synthetic environment exceeds Allies' current training capabilities. The NATO Modelling and Simulation Group (NMSG) has matured the technologies and developed the necessary architectures and standards that enable realistic cross – domain distributed synthetic training. The results of many years of NMSG's work open new possibilities for Allies and NATO to transition these technologies into effective operational capabilities for the war fighters. Successfully fielding distributed synthetic training across domains would bring tremendous operational benefits.

The vision for Distributed Synthetic Training in NATO is to establish:

"A NATO-wide federation of national synthetic mission training capabilities powered by coherent architectures and security procedures, common standards and training objectives, and shared data; delivering regular and frequent access to high quality, secure, immersive operational training opportunities at team, collective, joint and coalition levels."

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ANALYSIS &  
STATUS:

The NATO Distributed Synthetic Training (DST) working group is a multi-national effort of currently 22 nations (150+ members) to create a coalition-wide federation of national synthetic mission training capabilities to enable regular and frequent access to operational training opportunities at team, collective, joint and coalition levels. Essentially, DST aims to connect national training systems (simulators, ships, training devices, etc.) to enable multi-national team training.

The DST working group is actively working on several work strands: policy/governance, training objectives, trainings/exercises (like Dynamic Mirage 24, Gladiator Alliance 24, ...) and technical infrastructure for DST.

According to Ref., IAMD – COE's expertise and knowledge would be greatly appreciated as the aforementioned group is moving forward. Also, it is anticipated that DST may offer new training/exercise opportunities that benefit IAMD – COE and IAMD community, especially after the Centre's decision to create an M&S Laboratory.

FINANCIAL  
CONSIDERA-  
TIONS  
& FUNDING:

Any financial impacts of the aforementioned activities will be covered from the existing budget of the current year (and by transferring of appropriations within the authorization granted to the Director in accordance with Financial Administrative Procedures, if required) without the need for a supplementary budget.

Any financial obligations for the next years will be foreseen in the shared budget of the respective Fiscal Years.

RECOMMENDA-  
TIONS  
& DECISION:

SC members are requested to approve the participation of SMEs in NATO Distributed Synthetic Training (DST) Working Group.

FOR THE IAMD COE:



B. Gen (OF-6) Nikolaos KOKKONIS GRC (AF)  
IAMD COE Director

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