



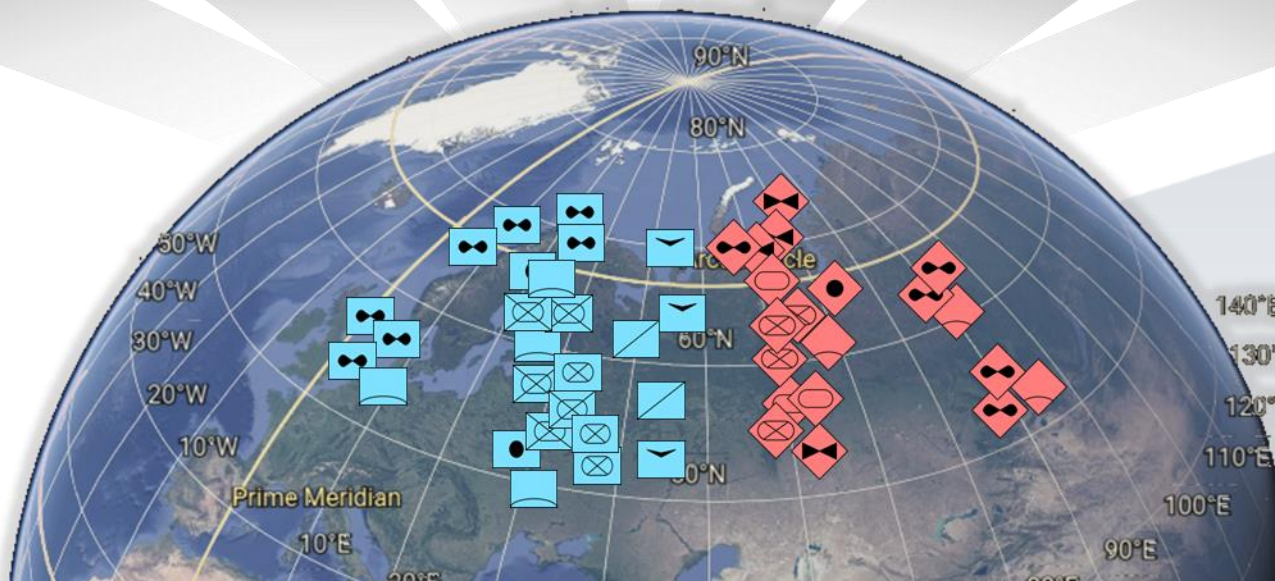
Simulation Through NATO's Eyes

NATO Next Generation of Modelling & Simulation

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NATO Next Generation of M&S



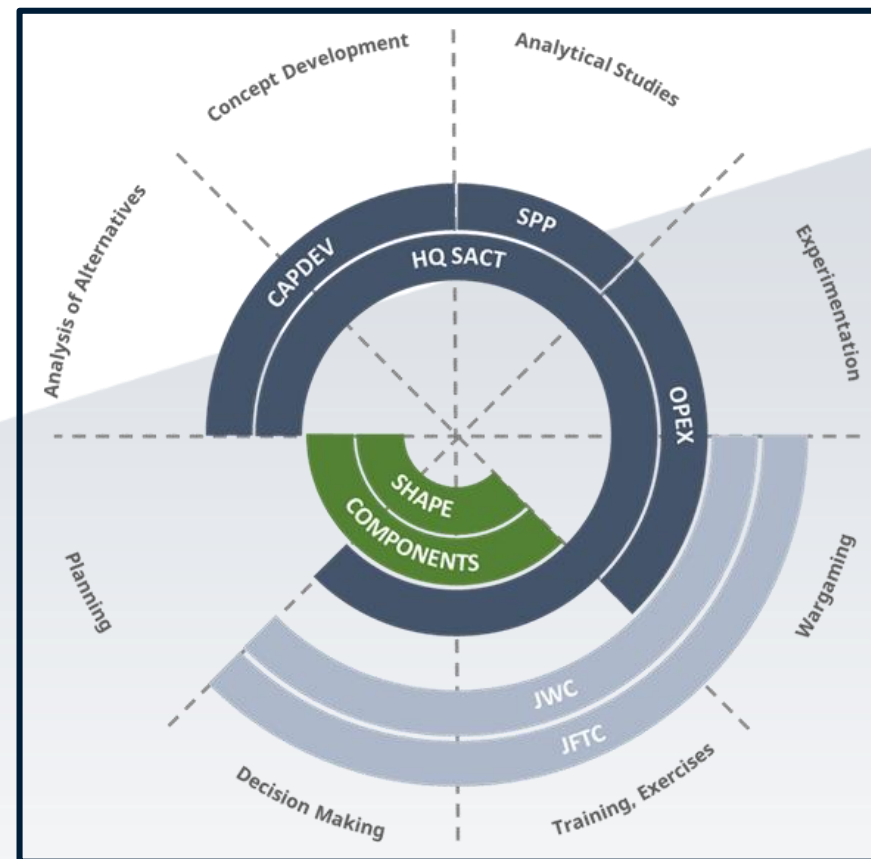
NATO's demand for dynamic and realistic simulations to support all the complexities of its operating environment is expanding. Contemporary synthetic environments cannot affordably replicate the complexities in tomorrow's operational environment, thus NATO's requirements will continue to grow in terms of frequency, breadth, and operational sophistication. The NATO Next Generation of M&S tools will support geographically separated commands/Nations and the complexity of NATO operations that are focused on the strategic and operational levels of war and other NATO missions.

NATO Next Generation of M&S



Enterprise Wide Demand Signal

Top Down Demand Signal

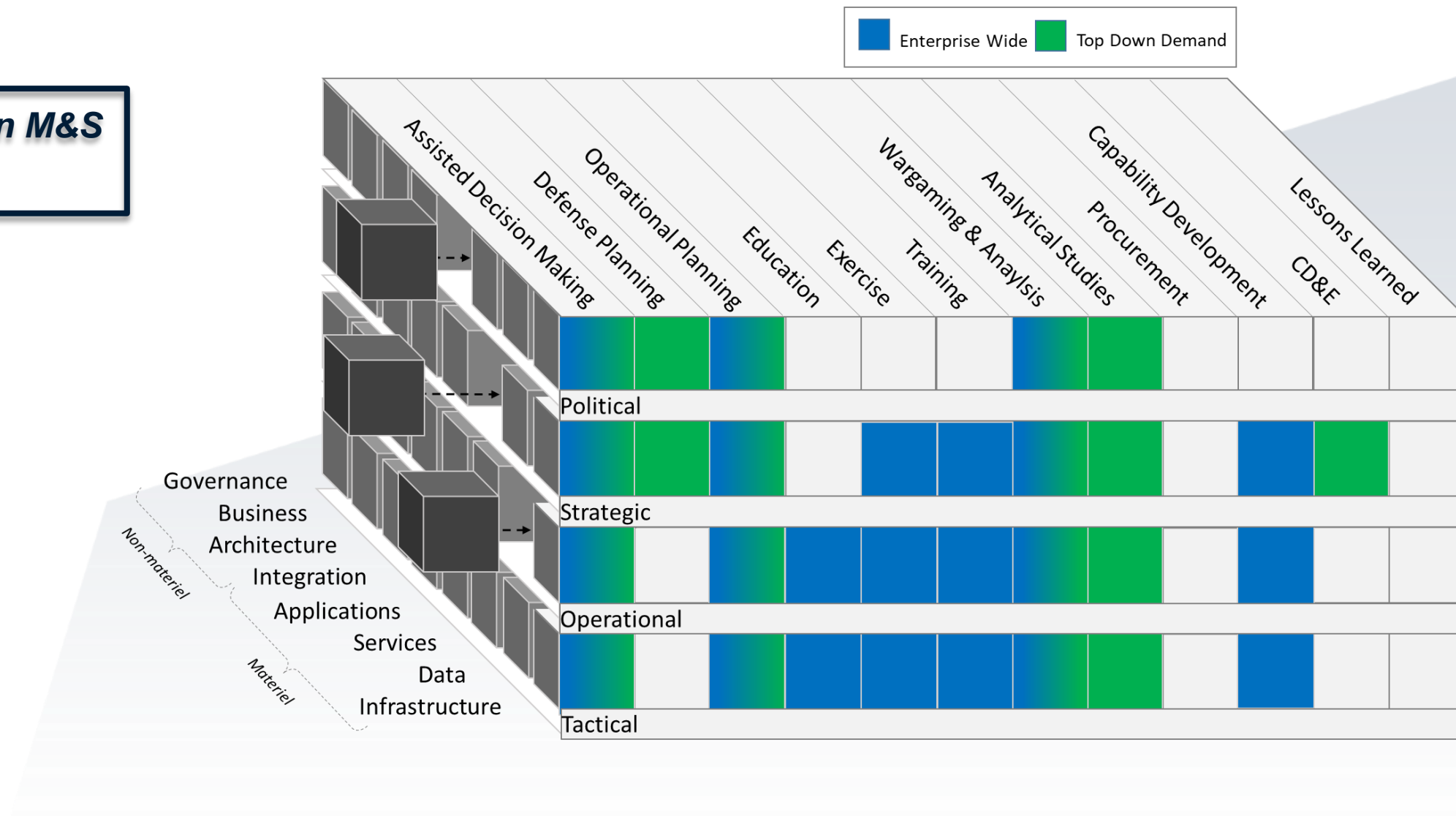


Military Committee

“SCs, with ACT in the lead ... present plans to develop NATO Next Generation of M&S Capability Program ... expand upon efforts to cooperate with Allies, NATO Science and Technology and industry to strengthen the NATO M&S Capability”

NATO Next Generation of M&S

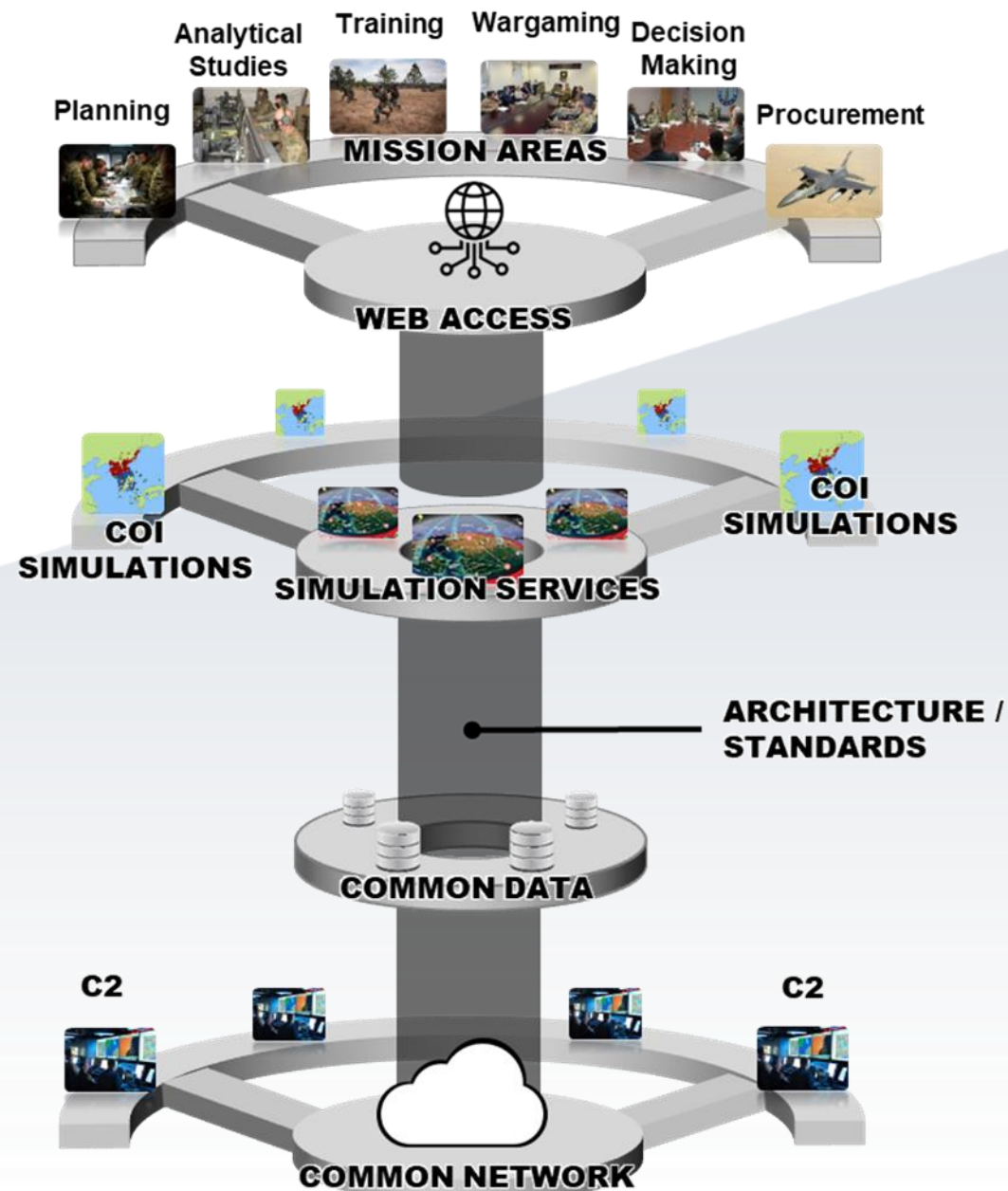
Scope of the NexGen M&S Capability



NATO Next Generation of M&S

Operational Requirements

- ☐ Calculate and represent the results of kinetic and non-kinetic actions
- ☐ Support a full range of visualization
- ☐ Configure and share displays with visual and audio capabilities for distributed users
- ☐ Provide interoperability with directed NATO and / or national systems – at the data level
- ☐ Enable retention and reuse of scenario parameterization data
- ☐ Facilitate scenario configuration with reduced time and cost
- ☐ Resilient and redundant to enable availability 24/7



NATO Next Generation of M&S

*Data-Centric, Web-Based,
Modular, Single Synthetic
Environment*

Use ~ Re-use ~ Multi-use





Modelling
and Simulation