



# NATO Next Generation of Modelling & Simulation

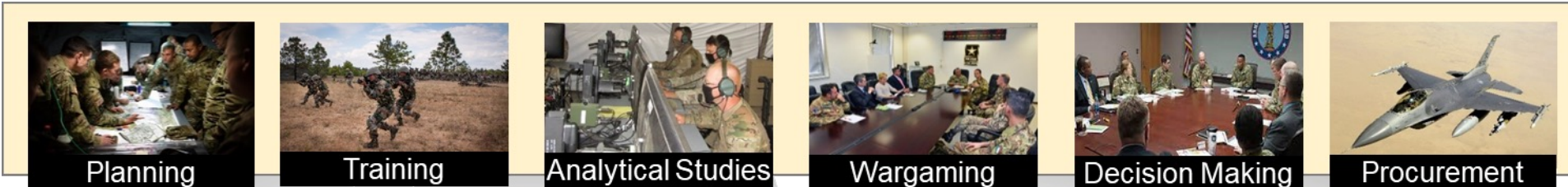
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# ***AGENDA***

- 01 What is NATO Next Generation M&S
- 02 Demand signals, requirements, and programme scope
- 03 Trajectory of the capability programme

# NATO Next Generation of M&S

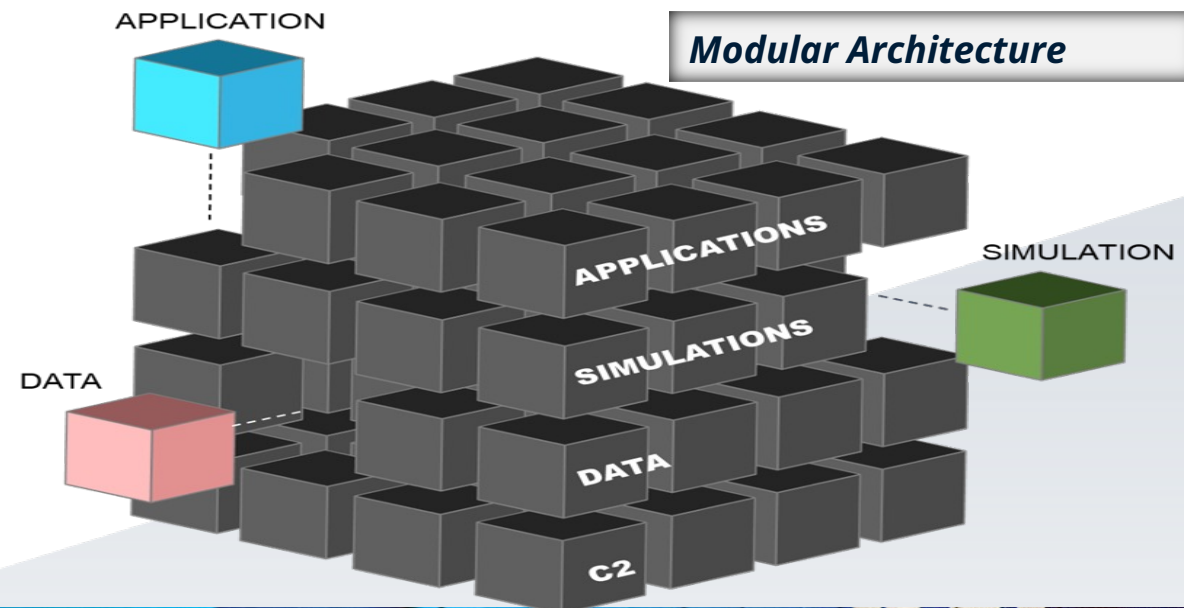


***NATO's demand for dynamic and realistic simulations to support all the complexities of its operating environment is expanding. Contemporary synthetic environments cannot affordably replicate the complexities in tomorrow's operational environment, thus NATO's requirements will continue to grow in terms 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

**Data-Centric**



**Single Synthetic Environment**



**Web-Enabled**

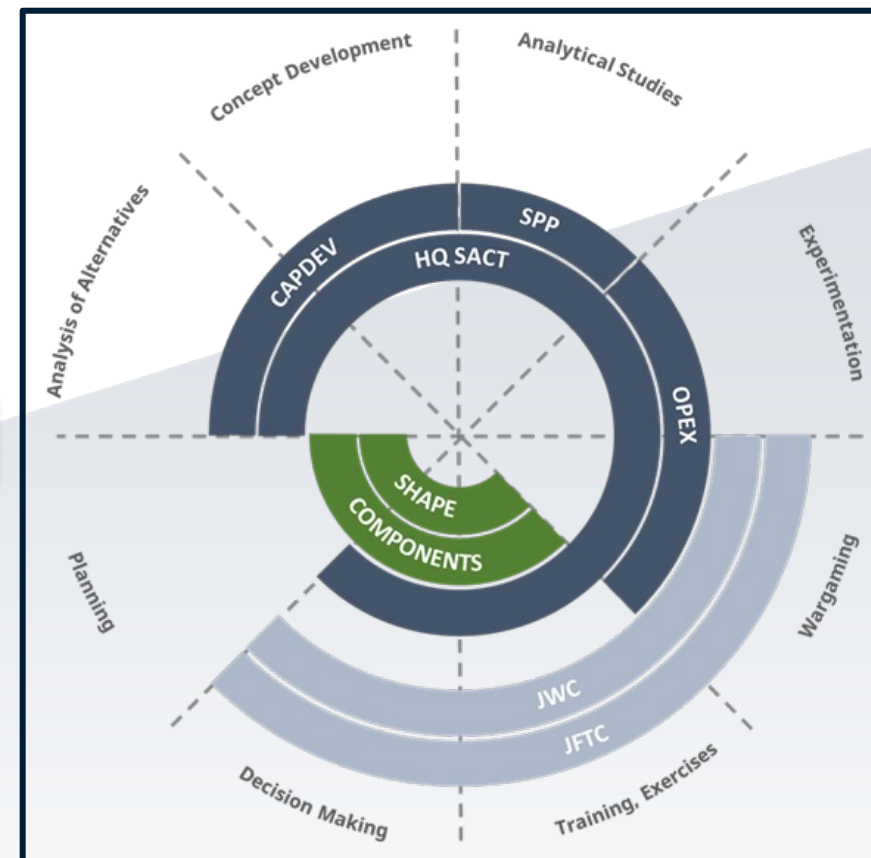


# NATO Next Generation of M&S



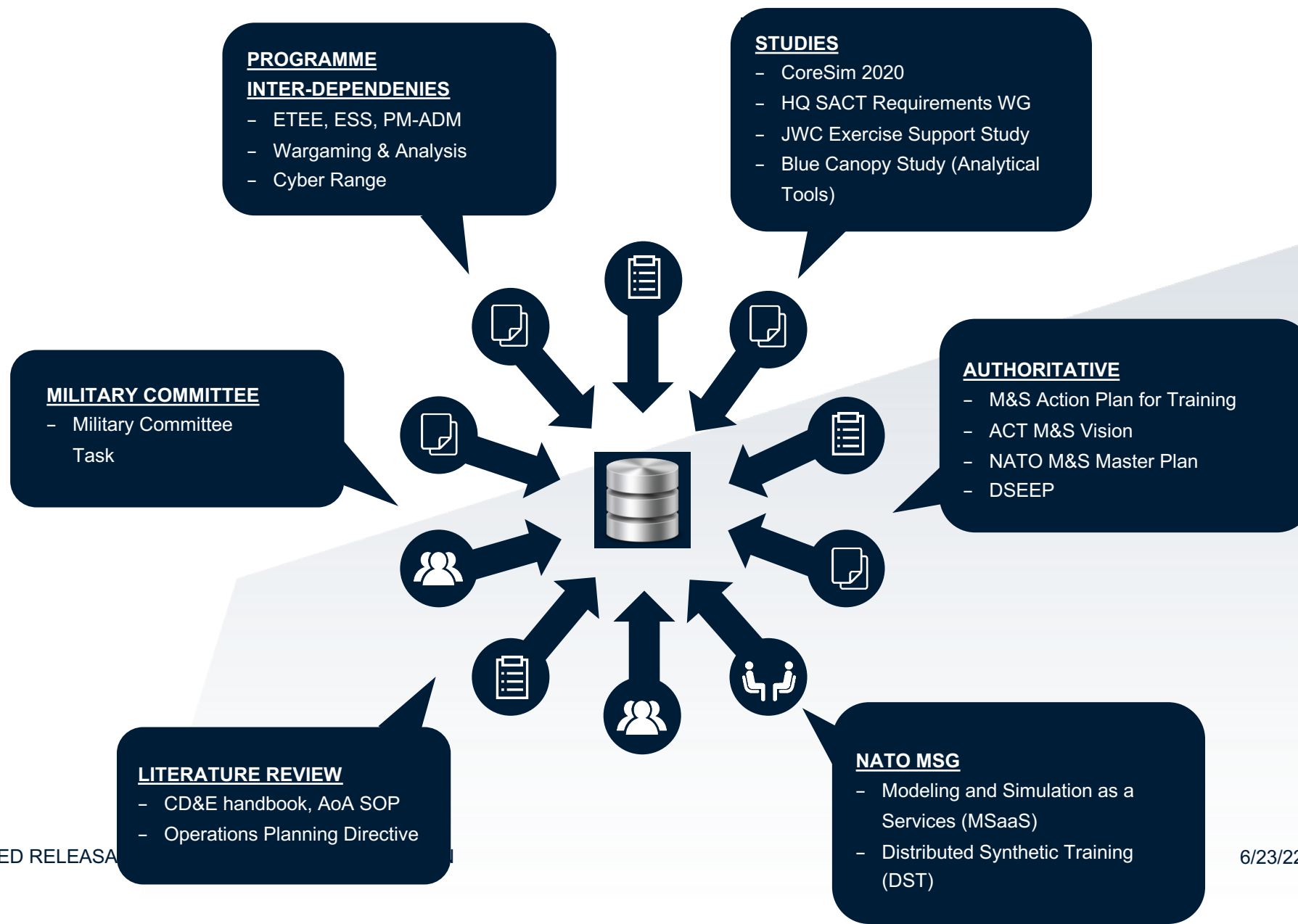
**Enterprise Wide Demand Signal**

**Top Down Demand Signal**



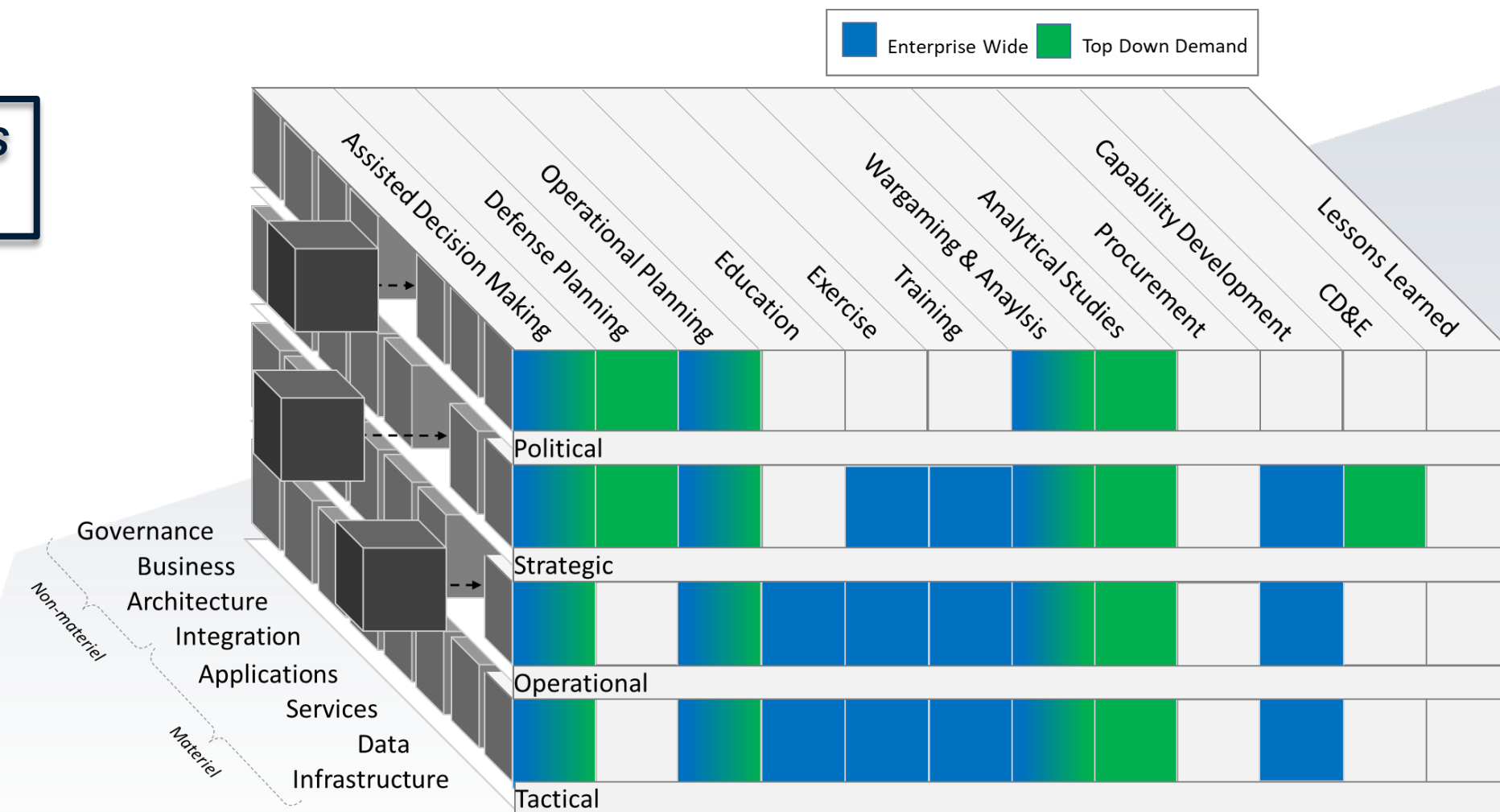


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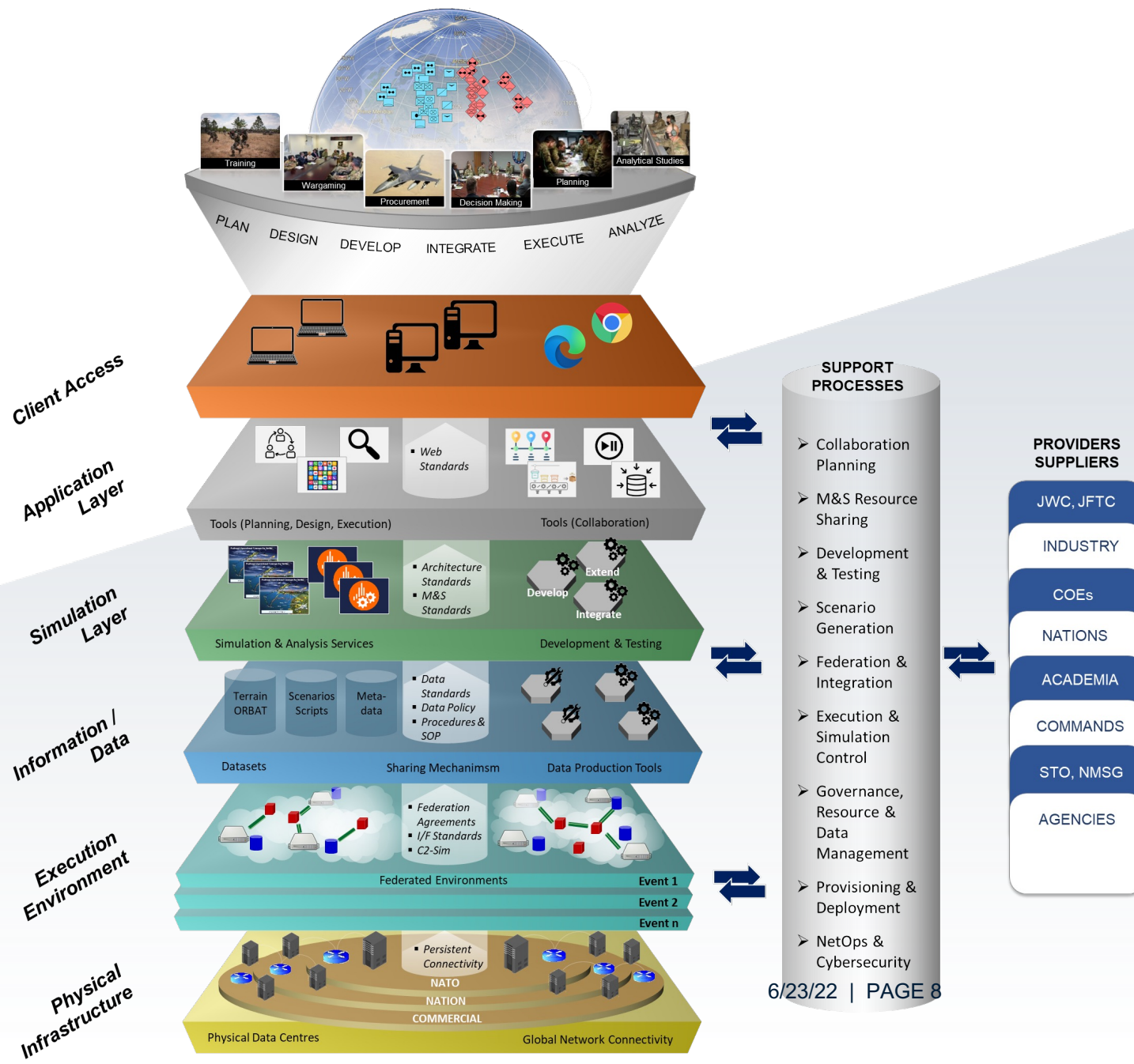
# NATO Next Generation of M&S

## Scope of the NexGen M&S Capability



## Next Generation M&S CONOP

- ❑ Persistent network, provides 24/7 access to M&S users
- ❑ Cross-functional, supports several application areas
- ❑ Extensible, collaborative, and adaptable M&S environments
- ❑ “No one ring to rule them all” - ACOS Joint Force Development





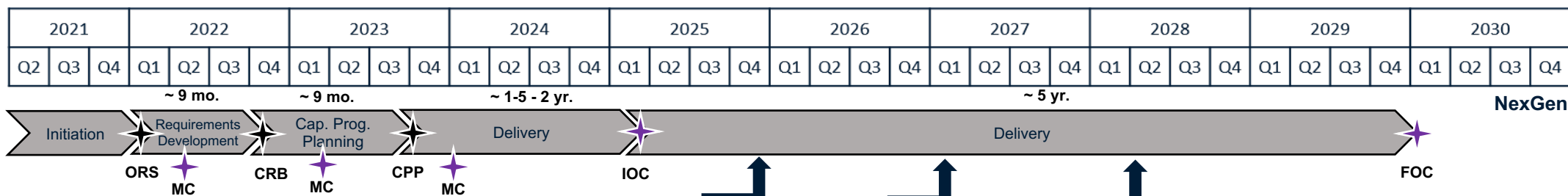
# NATO Next Generation of M&S

## Key 2022 Dates

- RFI #1 to Nations and Industry – April
- Expect JSR report - June
- Anticipate ORS Signature - July
- Workshops (x3) - May, June, September
- RFI #2 to Nations and Industry - November

## Key 2023 Dates

- AoA - April/ May
- Workshops - March, October, December
- CPP delivered to the MC - December



Project Decomposition – break into working groups – leverage STO-NMSG/ CMRE expertise to dynamically incorporate expertise – Static vs. Dynamic capability delivery

# ***NATO Next Generation of M&S***

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



***Use ~Re-use ~ Multi-use***