



**Supreme  
Allied  
Commander  
Transformation**



## **NATO Enablement C2 Overview and Q & A**

## Agenda:

**What is driving change?**

**What is Enablement C2?**

**Answers to questions**

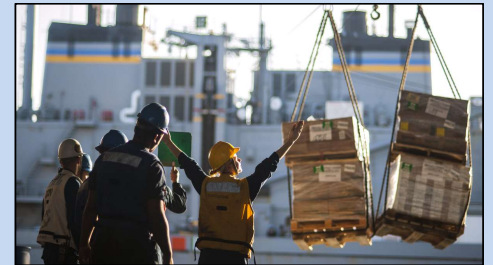
## Rules of the Road:

- **PURPOSE:** To provide context and information to industry and national program offices and answer questions regarding NATO's request for information. HQ SACT representatives will provide an overview of the capability NATO is seeking and then open the floor for questions.
- **QUESTIONS:** Any advance questions will be answered first. Any further questions should be typed into the webinar chat window (in English) and NATO representatives will answer.
- **CLASSIFICATION:** All information must be at a publicly releasable level.
- **DURATION:** The session will be an one and a half hours, we may not use all of the available time.
- **RECORDING:** To be as fair and transparent as possible, the sessions will be recorded and posted to the contracting portal for industry or national representatives to view at a later time.

## Enablement Trends and Conditions

- Effective Logistics, Medical, and Military Engineering enable a NATO force to project and sustain military power into a distant operational area.
- Effective Logistics, Medical, and Military Engineering can be seen as a credible deterrence measure.
- Effective Logistics, Medical, and Military Engineering enable the successful planning, deployment, delivery, and closure of military operations.
- Need for NATO and Nations to cooperatively share the burden and best use the available resources to achieve efficiency and effectiveness.
- Complex and variable forward & reverse supply chains that involve the interface of various actors: Theatre Host Nation(s), Troop Contributing Nations, Local / municipal governmental actors, NGOs (Red Cross, Red Crescent, aid delivery, etc.).

## Joint Enablement



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Bridging the two**

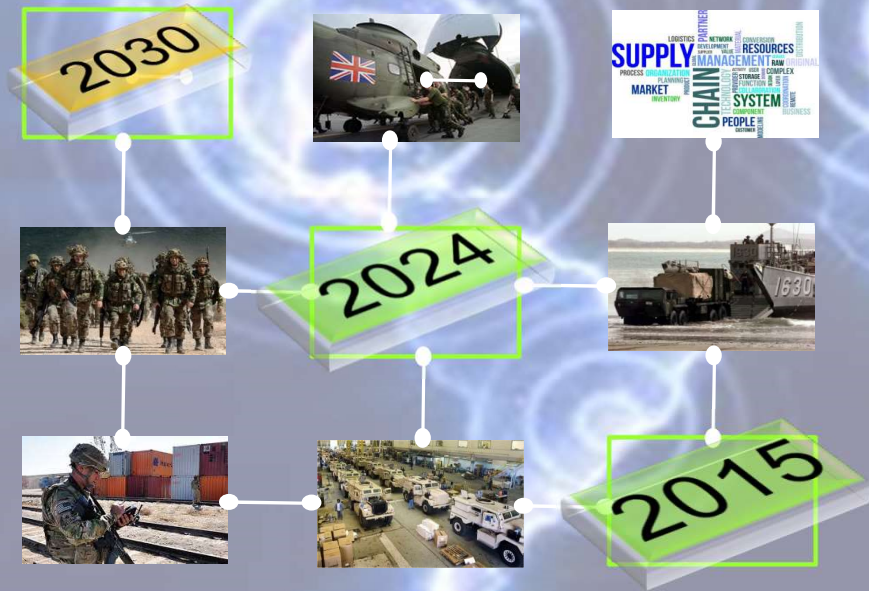


NATO  
OTAN

# What are we driving toward with Enablement C2?



Persistence  
Awareness  
Agility  
Resilience





## No, but ...

### –Obsolescence

*(Some key Logistic Functional Area Services (LOGFAS) modules will reach end of life over the next 3-5 years and must be replaced)*

### –Lack of interoperability

*(Medical and MilEng interoperability is mostly via ad-hoc tools)*

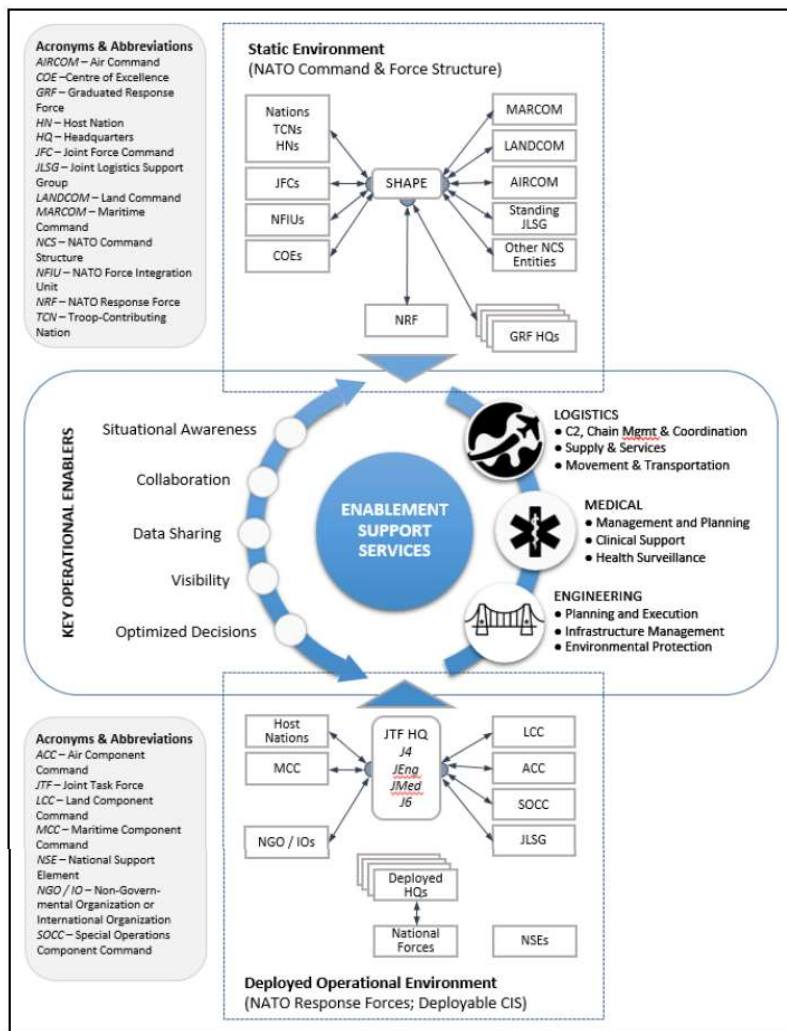
### –Failure of last programme to deliver

- LogFS programme started in 2007, contract let in 2014, terminated in 2018.
- One major LL: no single system integrator to create a bespoke solution which attempts to solve all requirements.



Current LOGFAS modules

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## ESS capability vision:

- Enabler for mission effectiveness.
- Enhanced situational awareness, improved decision making process.
- Provide collaboration, cooperation and interoperability solutions with an integrated data environment.
- Enable shared data environments with NATO partners, and IGO and NGOs

- ESS Capability Programme Plan (CPP) due in Q3 2021
  - Will separate programme requirement into projects
  - Looking for best value, lowest risk system of solutions from industry & NATO Nations to acquire
- Analysis of Alternatives will recommend how the requirement should be broken up into:
  - Systems adopted and modified from Nations
  - Open international competitions with industry
  - Single-source procurement from industry
  - Creation to fill gaps
- Engagement with you helps to determine which mechanism we use to fill the requirements



**Questions**

**&**

**Answers**





# Backups

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# Level 1 Requirements

**[CR-1]** ESS shall enable LOG, MILENG, and MED support for planning and execution of NATO-led operations and exercises.

**[CR-2]** ESS shall enable situational awareness for LOG, MILENG and MED domains through the integration, analysis and communication of information at all levels of command within the NCS.

**[CR-3]** ESS shall enable the management of resources (forces, materiel and other assets or capabilities apportioned or allocated to a commander) in the LOG, MILENG and MED domains.

**[CR-4]** ESS shall enable information lifecycle management for LOG, MED, and MILENG domains.

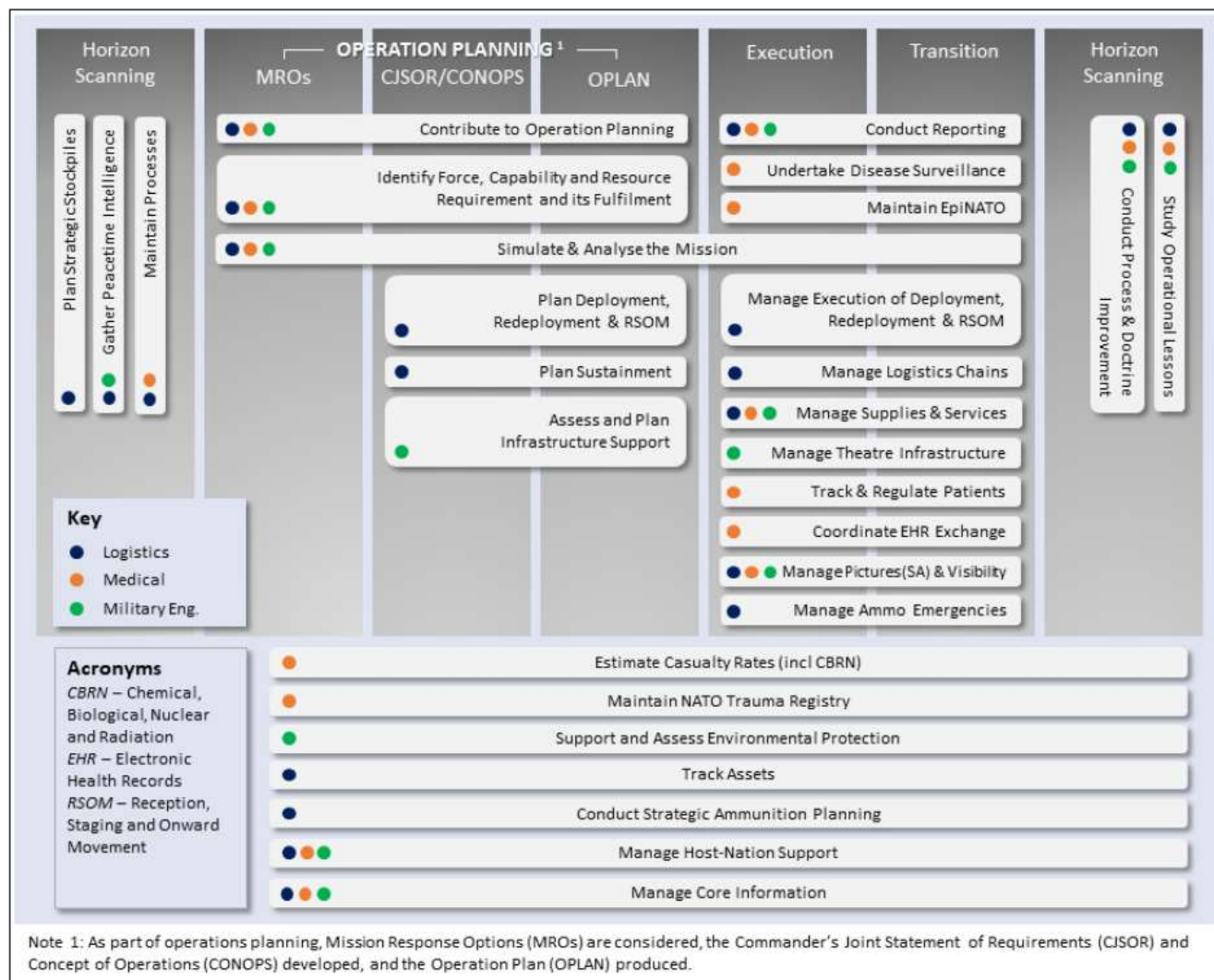
**[CR-5]** ESS shall enable collaborative communications and content management for the LOG, MILENG and MED communities.

**[CR-6]** ESS shall develop a dedicated training policy.

**[CR-7]** ESS shall review roles and descriptions to identify changes to reflect new skills required (data analysts for example).

- Logistics
  - Establishing, coordinating and satisfying capability and logistics resource requirements during the planning and execution of operations and sustainment.
  - Prioritizing, synchronizing and coordinating the flow of logistic resources and provision of services.
  - Coordinating activities across the network of interacting NATO and national operations logistics chains.
  - Monitoring, assessing and adjusting the employment of logistic assets as the capacity of the support network to execute operations and sustainment dictates.
  - Assessing shortfalls of logistic resources and helping map the best approach for meeting those shortfalls.
  - Facilitating the analysis of logistic resources made available by Nations, NATO and civil actors.
  
- Military Engineering (across the five areas of expertise of MILENG: engineering, explosive ordnance disposal, environmental protection, military search and management of infrastructure, including contracted and civil engineering):
  - Enable efficient and effective planning and execution of military engineering tasks across all level of commands.
  - Establish reliable situational awareness.
  - Facilitate information sharing.
  - Enhance decision-making in order to prioritize, synchronize and coordinate effective MILENG support.
  
- Medical
  - Supporting the delivery and integration of Medical Support at the tactical and operational level and providing information and capabilities for medical planning at the operational and strategic level.
  - Prioritizing, synchronizing and coordinating of Medical support and medical services.
  - Facilitating information sharing and collaboration for a comprehensive civil-military cooperation in the health sector.

# Requirements – Business Processes



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