



Ministry of Defence

# LETacCIS

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Programme Manager



A photograph of two soldiers in a forest stream. One soldier is kneeling on the left, aiming a rifle. The other soldier is standing on the right, splashing through the water while holding a rifle. The scene is set in a dense, green forest with many trees and foliage. The water is dark and turbulent with splashes.

# LETacCIS Overview

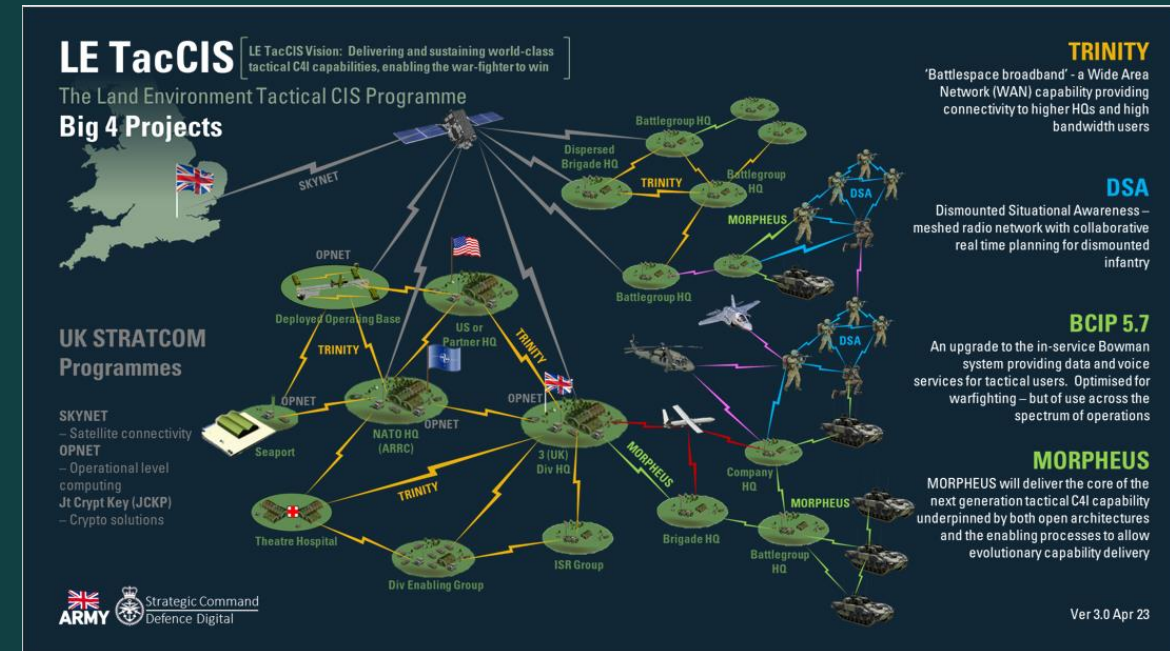
# Background

## Vision

Delivering and sustaining world-class tactical command, control, communications, and computers and intelligence (C4I) capabilities, enabling the warfighter to win.

## Overview

The LE TacCIS programme consists of multiple projects with the aim of delivering the next generation of tactical military communications in the land environment, and providing the means to make informed and timely decisions, enabled by agile Communication Information Systems (CIS). The programme also includes projects that have already delivered equipment into service



## Key Personnel



# Projects in the programme

New Mil Cap project  
Support project

**DSA**

Dismounted Situational Awareness – meshed radio network providing voice and PLI to DCC Coy Gp. SA enabled though ATAK.

Rowden (DIP)

Cat A  
*Schedule currently being re-planned*

**TRINITY**

'Battlespace broadband' linking higher HQs and high bandwidth users

BAE Systems

Cat A  
IOC 2026  
FBC 2023

**BCIP 5.7**

An update and potential upgrade to the in service BCIP 5.6 TacCIS capability

GDMSUK

Cat A  
IOC TBC  
FBC 2024

**MORPHEUS**

Tactical CIS used in forward HQs, vehicles and on the soldier. Optimised for warfighting – but of use across the spectrum of operations

TBC

Cat A  
IOC TBC  
IN– Q4 FY24

Other Projects

**JCRVT Phase 2**

In service ISR radio transceiver. Minor update before decisions on its future.

L3 Harris

Cat C  
OSD 2027

**MMR**

Multi-Mode Radio – providing options for Air-Land integration, interoperability and x-domain comms

L3 Harris

Cat B  
IOC 2023  
FBC 2022

**Land Deployable Gateway (LDG) v2**

Interop gateways both internationally and between TacCIS and OpCIS

GDMSUK

Cat C  
(under BCIP)

**TacCIS Sp Project**

Future support solutions for UK Land TacCIS

TBC

Cat A  
(under BCIP)

**BCIP 5.6**

In service TacCIS - now all 'design services' money

GDMSUK

Cat A  
OSD 2026

**Falcon**

In service high bandwidth Wide Area Networking

BAE Systems

Cat A  
OSD 2026

# LE TacCIS

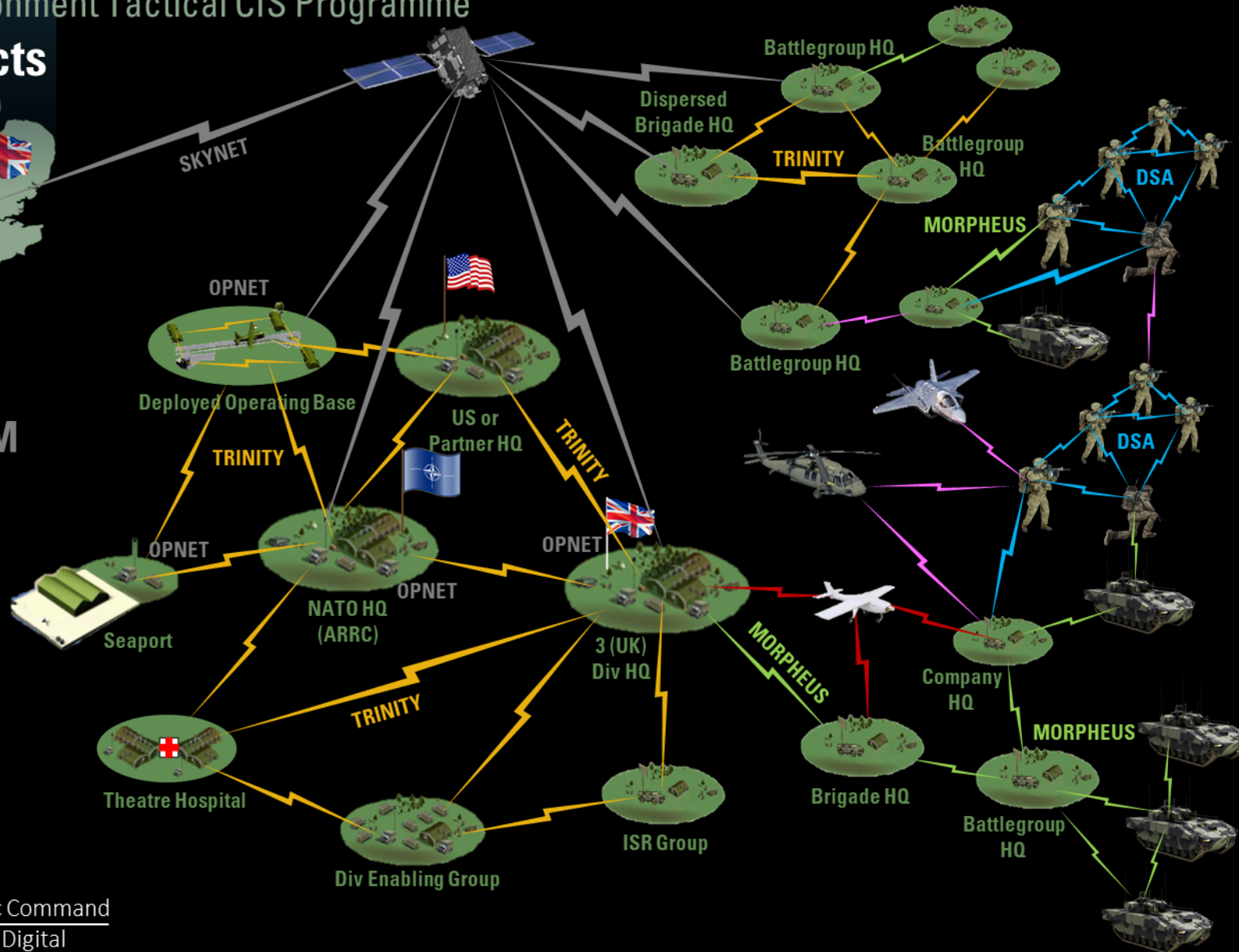
LE TacCIS Vision: Delivering and sustaining world-class tactical C4I capabilities, enabling the war-fighter to win

The Land Environment Tactical CIS Programme

## Big 4 Projects

## UK STRATCOM Programmes

- SKYNET**  
– Satellite connectivity
- OPNET**  
– Operational level computing
- Jt Crypt Key (JCKP)**  
– Crypto solutions



## TRINITY

'Battlespace broadband' - a Wide Area Network (WAN) capability providing connectivity to higher HQs and high bandwidth users

## DSA

Dismounted Situational Awareness – meshed radio network with collaborative real time planning for dismounted infantry

## BCIP 5.7

An update to the in-service Bowman system providing data and voice services for tactical users. Optimised for warfighting – but of use across the spectrum of operations

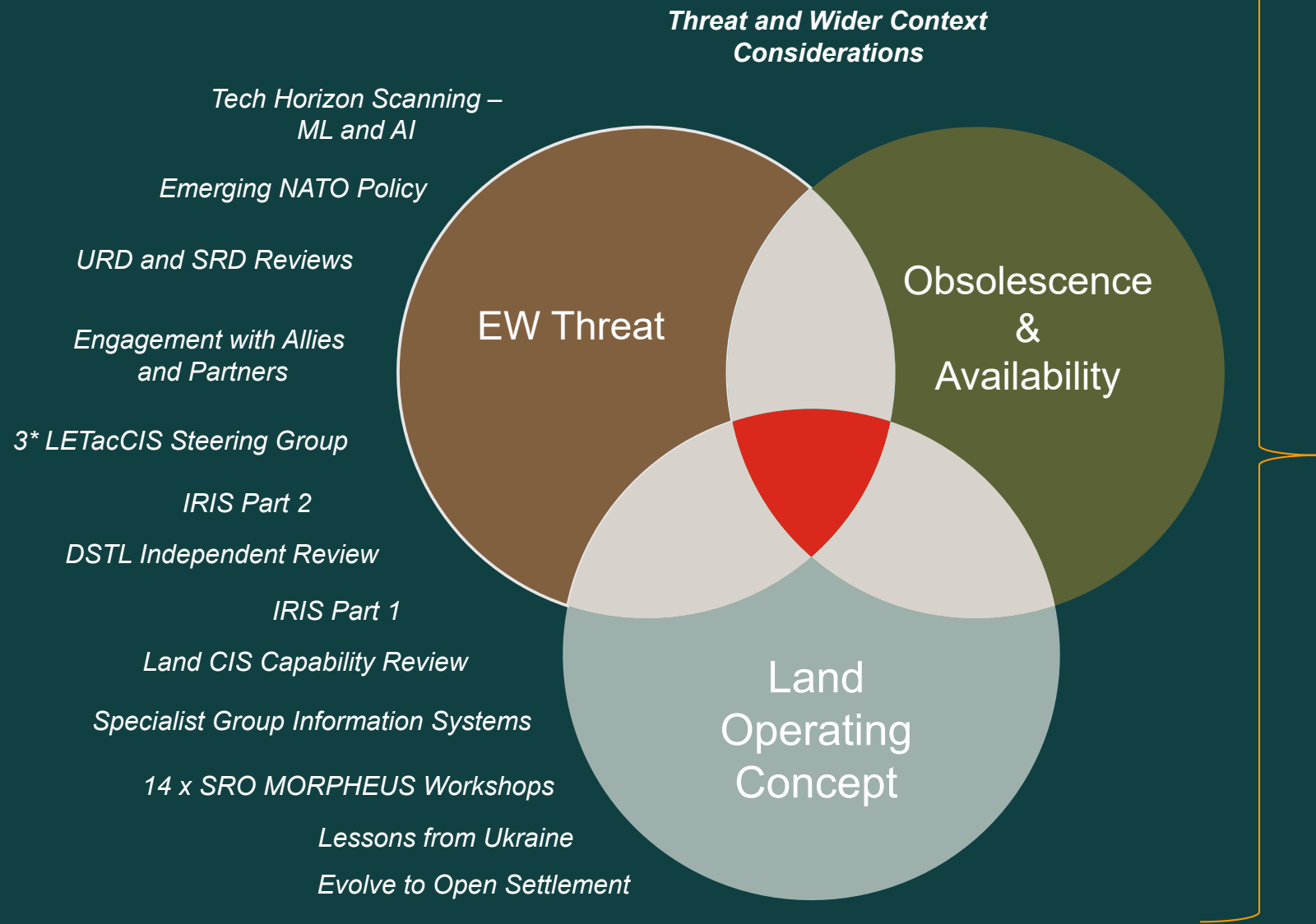
## MORPHEUS

MORPHEUS will deliver the core of the next generation tactical C4I capability underpinned by both open architectures and the enabling processes to allow evolutionary capability delivery

# Tyranny of scale



# Project IRIS



**LROC  
Direction  
Mar 2024  
Confirmed by JROC  
Jul 2024**

*Maintain BCIP to 2035*

*Further focused BCIP  
Obsolescence Intervention –  
Single BCT*

- Create Future C4I Portfolio*
- One Size Doesn't Fit All*
- Incremental and Iterative*
- Light Forces first, building up to complex armoured platforms*

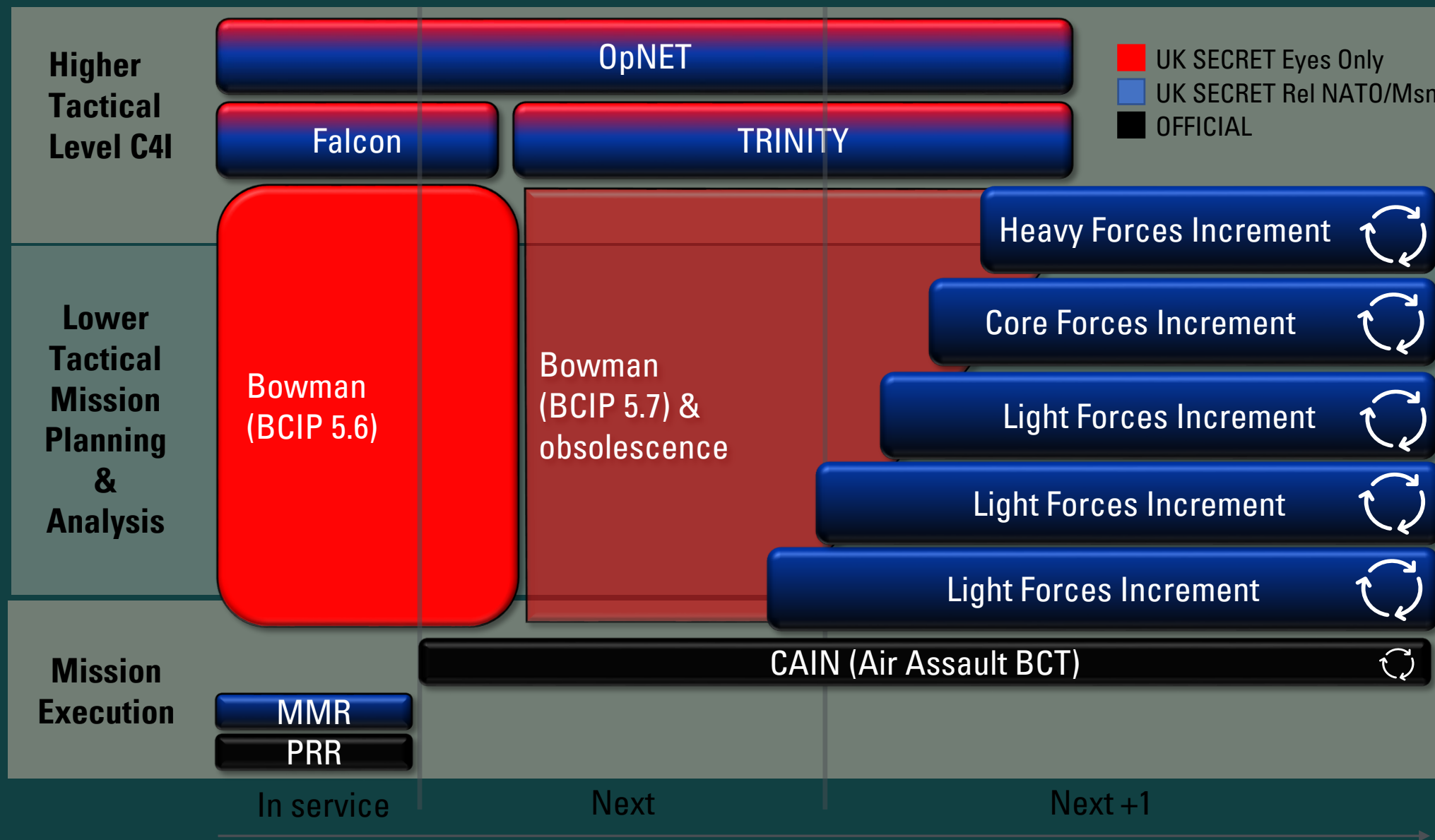
# Project IRIS

- **Adopt a Land Domain Digital Ecosystem (LD2E).**
- **Appropriate Protective Marking for Land Domain network.**
- **One Size Doesn't Fit all.**
- **Incremental and Iterative Delivery.**
- **Whole Force BCIP 5.7 Update.**
- **Focused BCIP Obsolescence Intervention – not whole force.**
- **Stand up a new Future C4I Portfolio.**





# Incremental And Iterative Delivery



# Future C4I approach

- **Time-bound Policies and Standards to Define:**
  - **Waveforms.**
  - **Battle Management Applications.**
  - **Cryptographic standards.**
  - **Physical presentation, including space, weight and power envelopes for existing platforms.**
  - **Gateways and guards.**
- **Maximum use of MOTS and COTS, minimum bespoke.**
- **Maintain Competitive Advantage through software rather than hardware upgrades.**
- **Learn by Doing – Incremental and Iterative.**



# Project ASGARD





Jt ISR

# ASGARD – PROBLEM STATEMENT



Partner Nations



MNC-NE

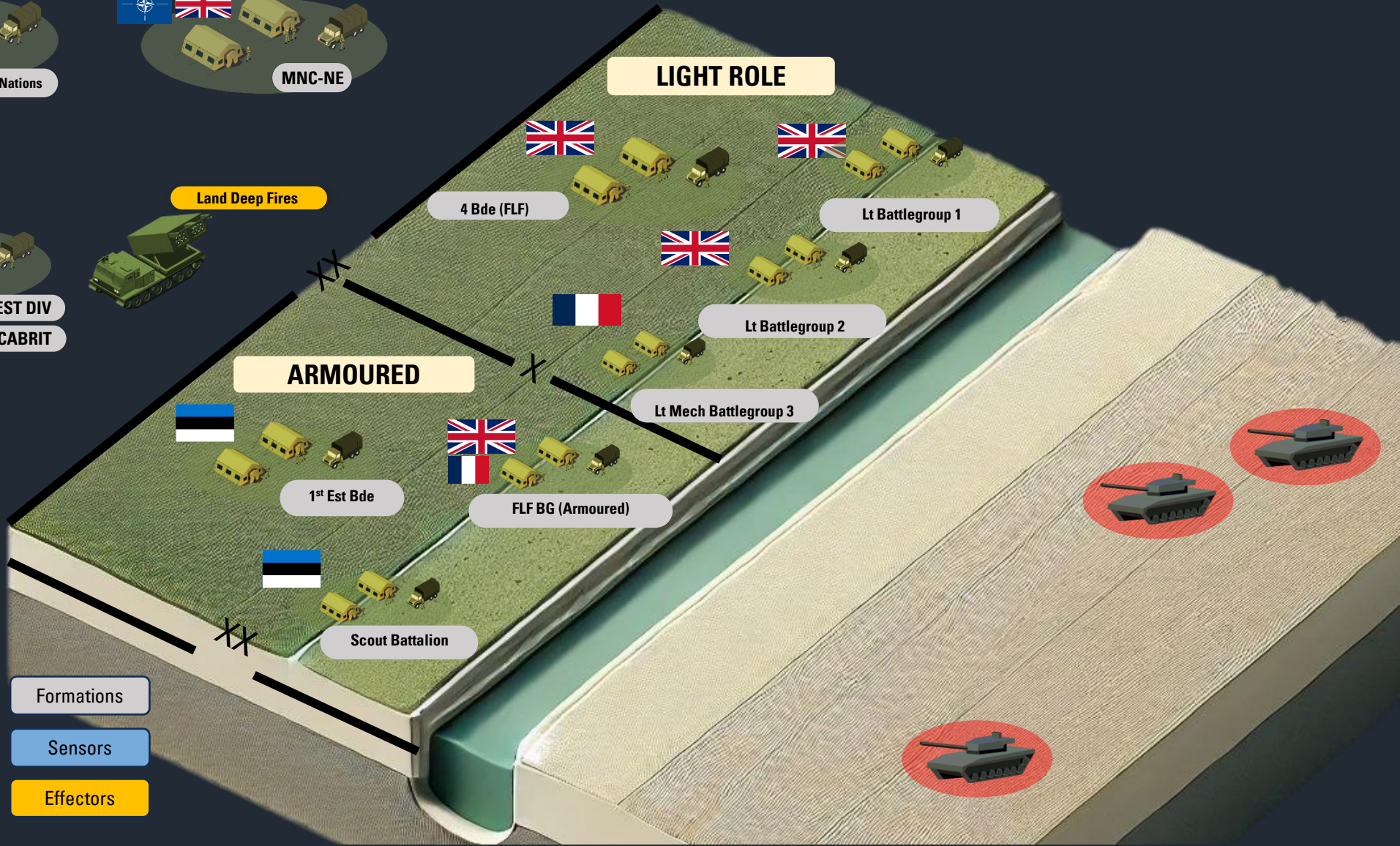


1st EST DIV

TF CABRIT



Land Deep Fires



**ASGARD**



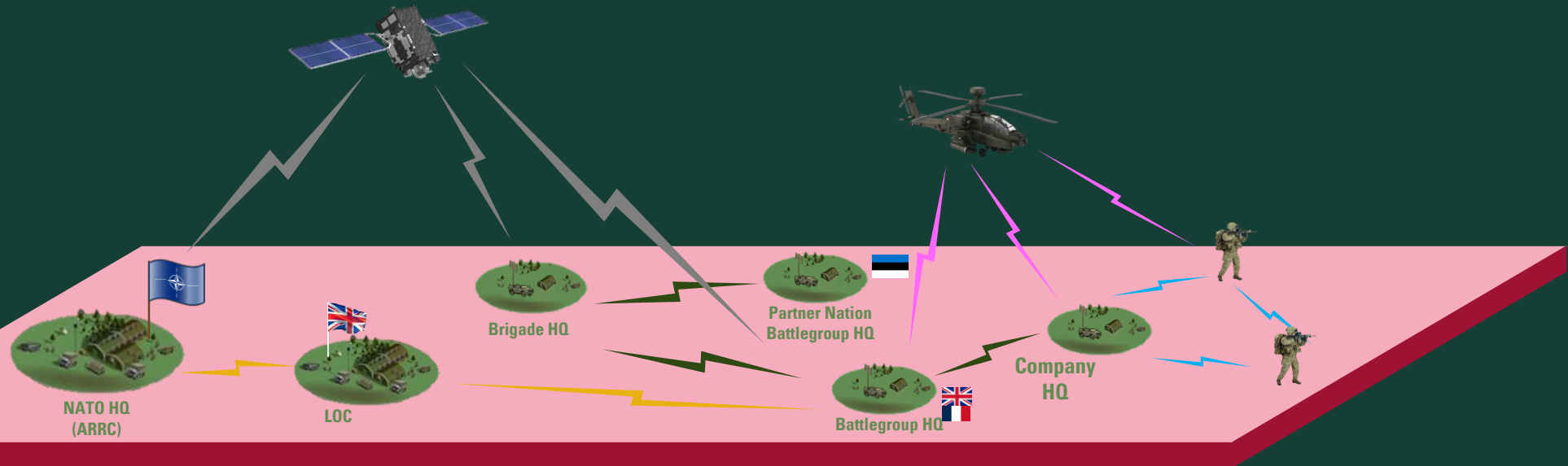
**Enhanced Network**

**Enhanced ISTAR  
Enhanced Effectors**

**Digital Innovation**

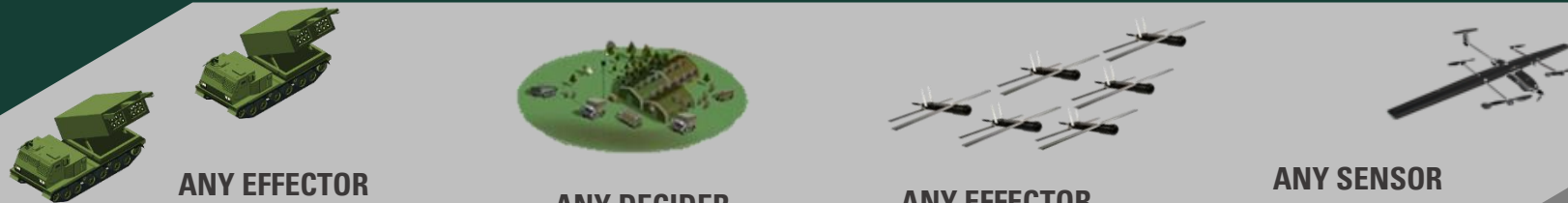


Enhanced Network

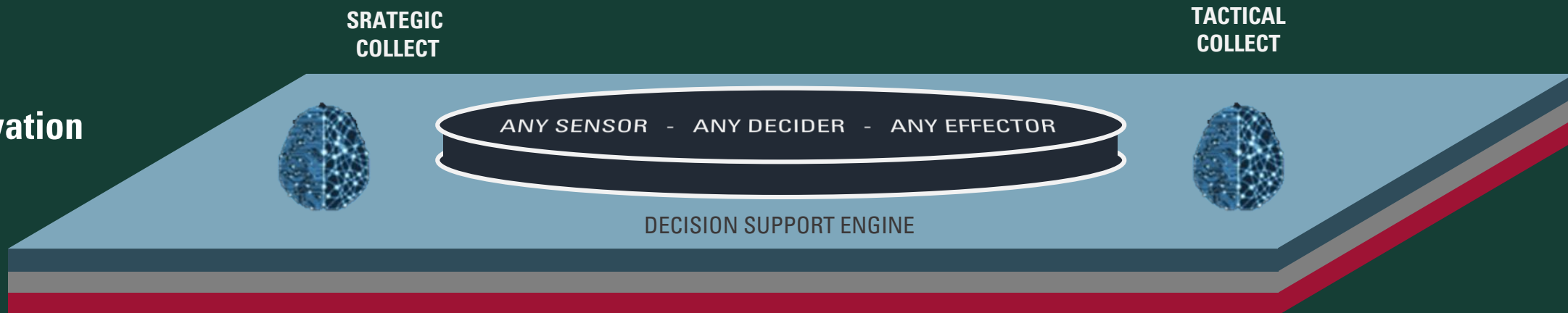




**Enhanced ISTAR**  
**Enhanced Effectors**

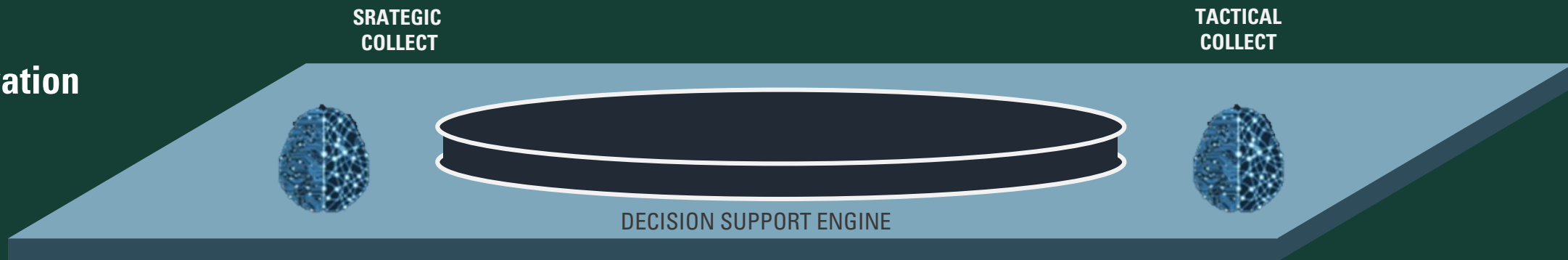


Digital Innovation





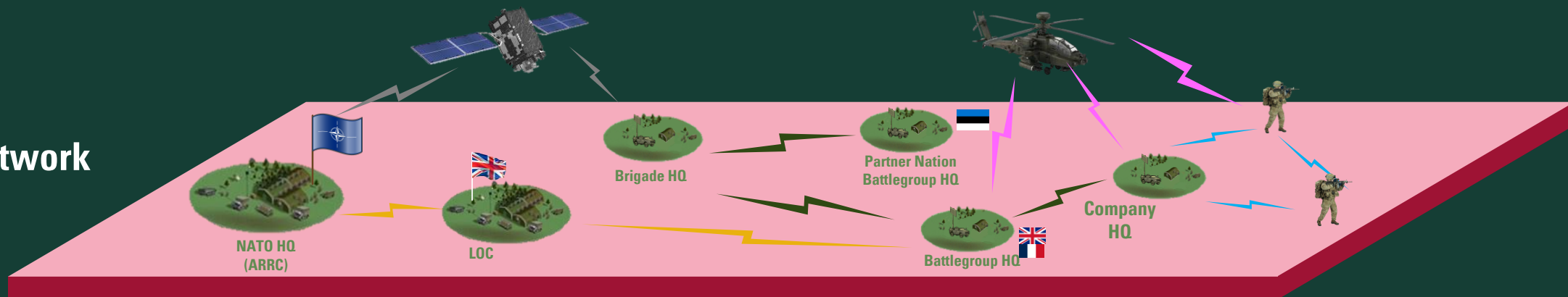
## Digital Innovation



## Enhanced ISTAR Enhanced Effectors



## Enhanced Network





LETacCIS  
Questions?





