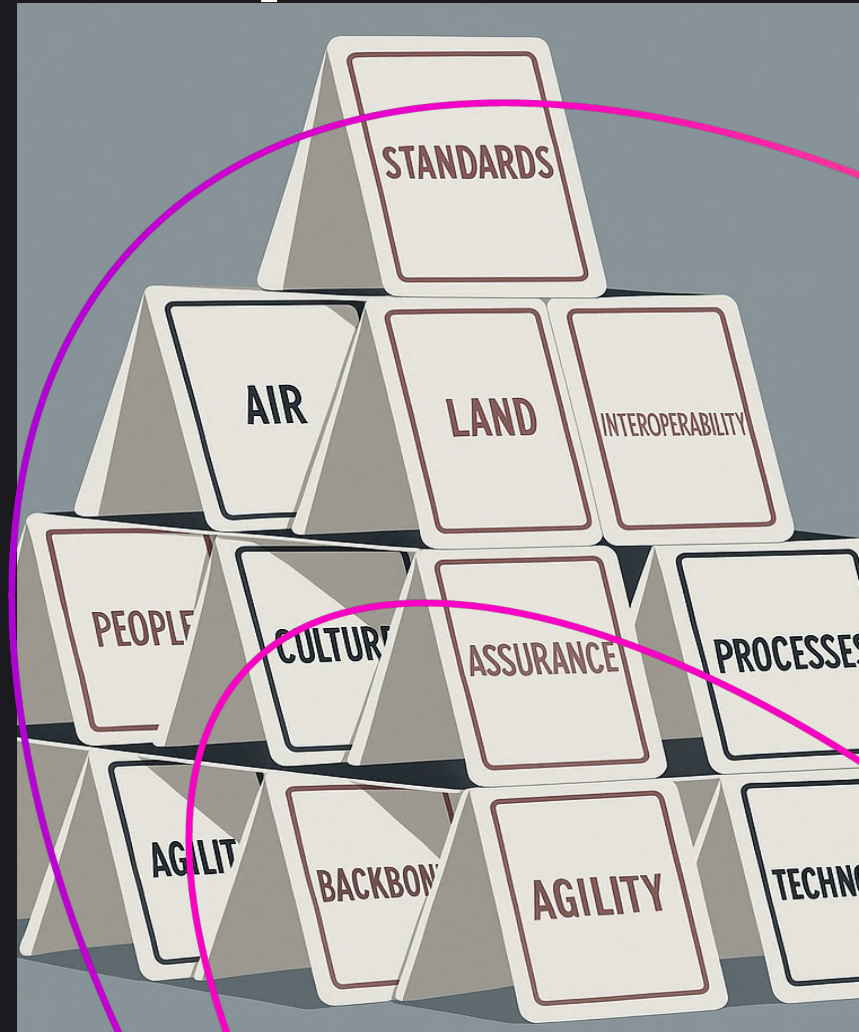


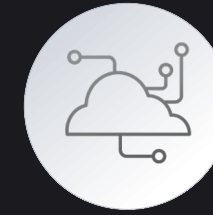


Preparing for Multi-Domain Operations

June, 2026



Why MDO - Areas of operations



Physical:

- Land,
- Air,
- Sea

Add-Ons:

- Inside surface
- Below surface

Virtual:

- Space
- Cyber
- EMS

Cognitive:

- Information
- Narrative
- Public Mind



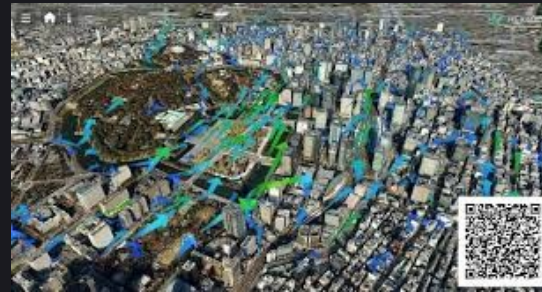
Building blocks of MDO

Areas needing assistance

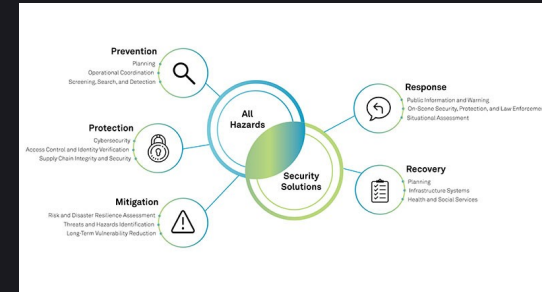
At its core, MDO refers to the push for orchestration of military activities across **all operating domains** and environments. These actions are **synchronised** with **non-military** activities and enable forces to create desired outcomes at the **right time and place**.



Cataloguing



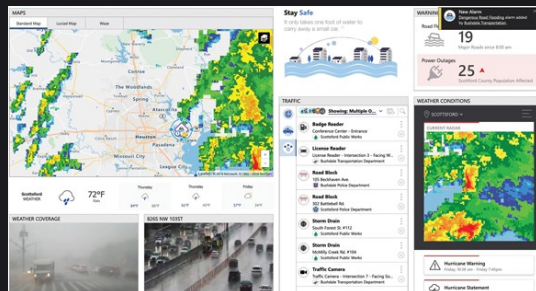
Simulations



Cross domain



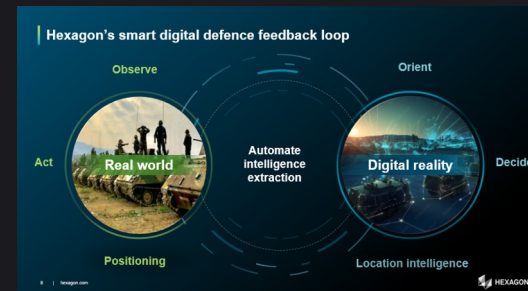
Interaction



Collaboration



Visualisation

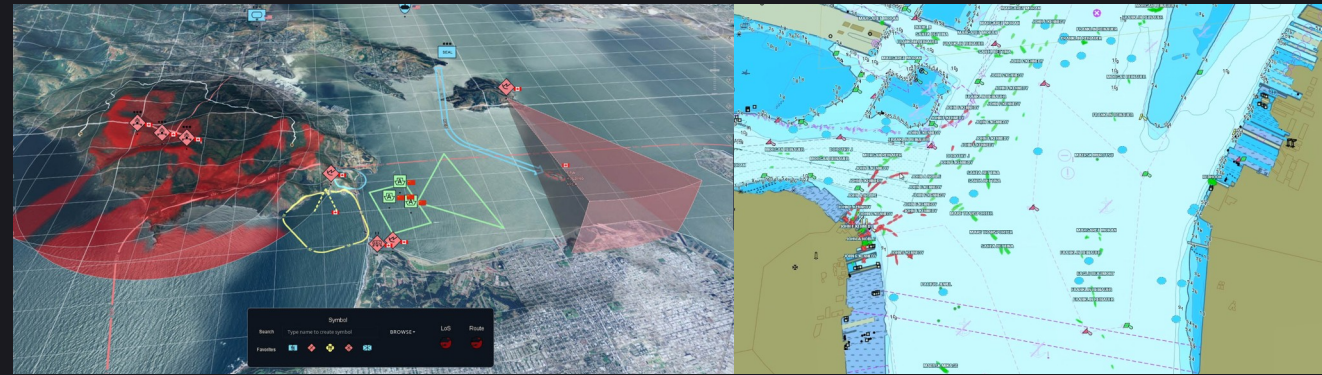


Digital twins



Digitalisation

Prepare for MDO



Data sharing

Cataloguing of data

Standard metadata

Federated catalogues

Standard sharing interfaces

Published descriptive information

Controlled access

More

Integration

- Standards
- Formats
- Platforms / language
- APIs
- More

Data relevance

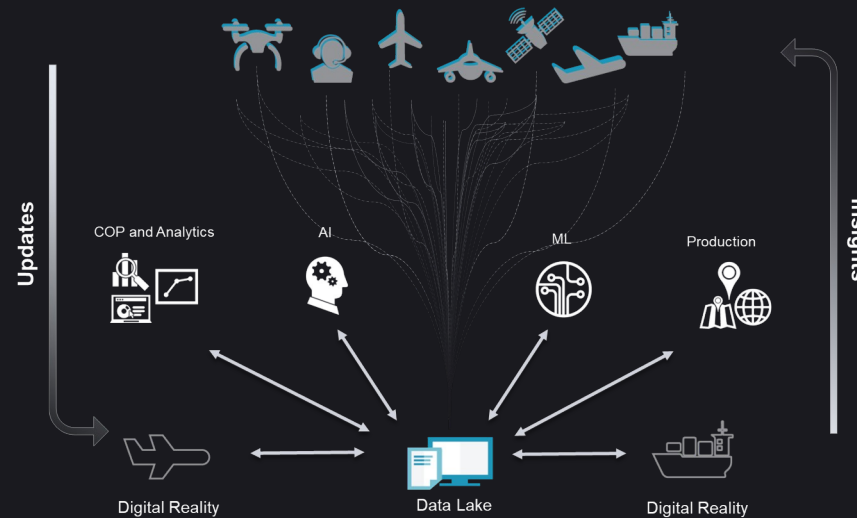
- Ease of sharing
- Analysis automation
- Metadata details
- Cross domain
- More

Upskilling

- Workflows capture
- Sharing of workflows
- Simplification of software
- Role-based tools
- More

Data analysis

- Workflows capture
- Automation of analysis
- User alerts for areas of interest
- Broad support of data formats
- Data ingestion across domains
- More



Interoperability - Moving from MDO to JAD(Joint All Domain)

How to easy assimilate technology into existing architectures

Standards	Formats	Platforms	Integration
<ul style="list-style-type: none"> • Adherence • Leadership • De facto • Implied • Defence • Geospatial • Symbology 	<ul style="list-style-type: none"> • Hydrographic • Defence • Aviation • Maritime • Geospatial • Legacy • Sensors • Data 	<ul style="list-style-type: none"> • Operating systems • Programming languages • Medium / platform • Hosts 	<ul style="list-style-type: none"> • APIs • Extract, Load, Transform (ELT) • Data visualisation • Data federation

Technology provides a complete ecosystem for digital defence



ACQUISITION



VISUALISATION



SIMULATION



AUTOMATION



COLLABORATION



UNDERSTANDING



MISSION



INTEGRATION

Joint All - Domain

Common operating picture for command and control



LUCIAD

2 km



Thank You