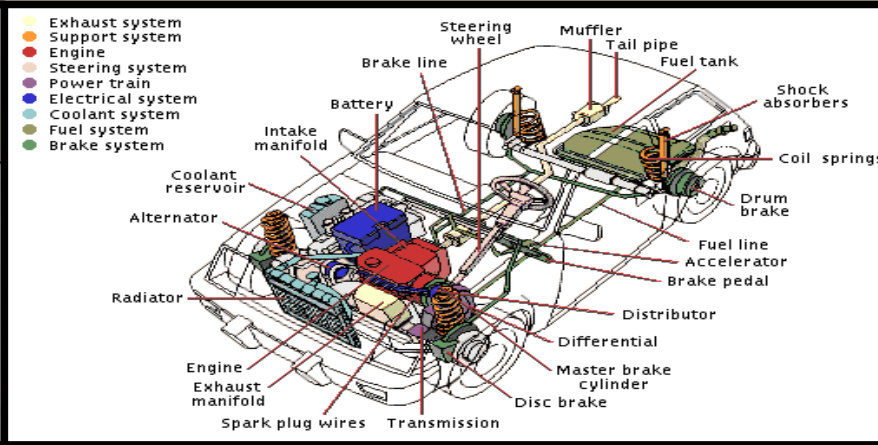


SPACE / CYBER / AIR / LAND / SEA



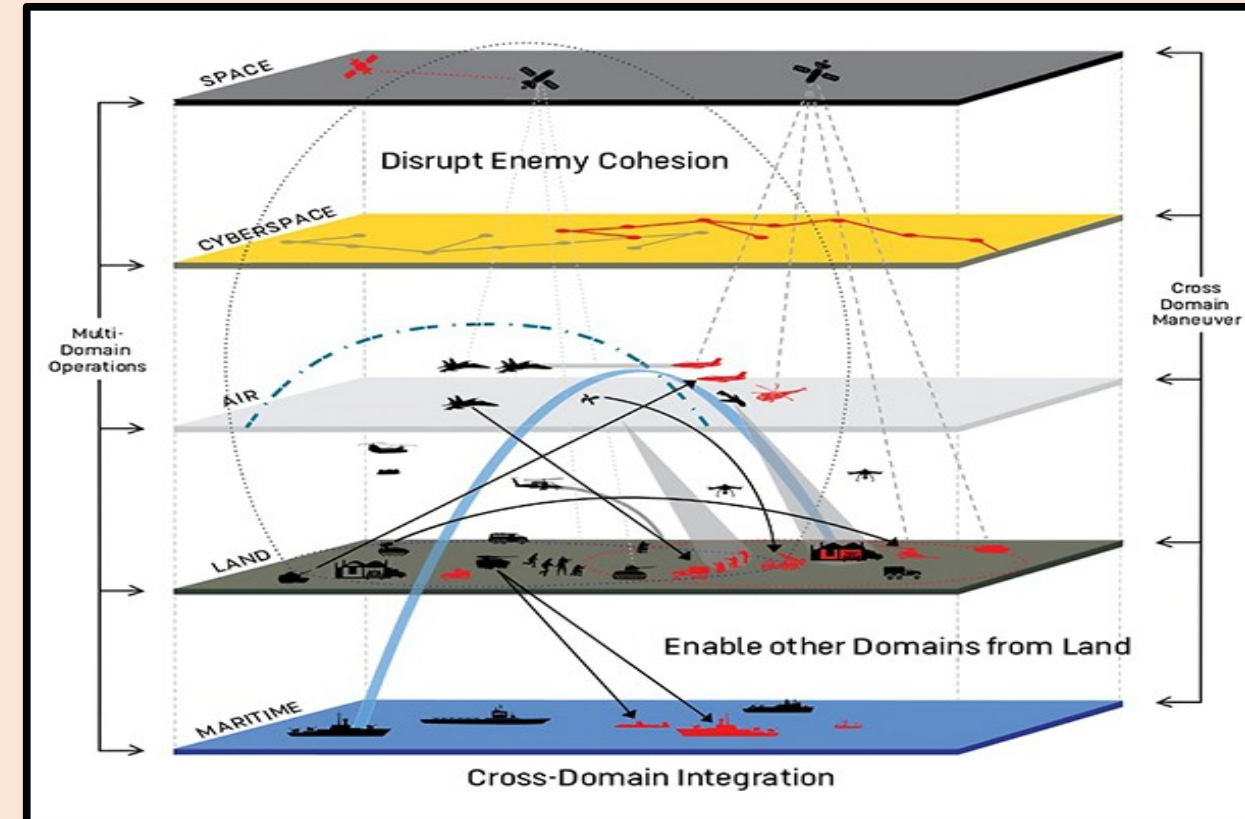
MULTI DOMAIN OPERATIONS FOR SYNCHRONIZING LAND, AIR, SEA & SPACE

SYSTEMS THINKING & MDO

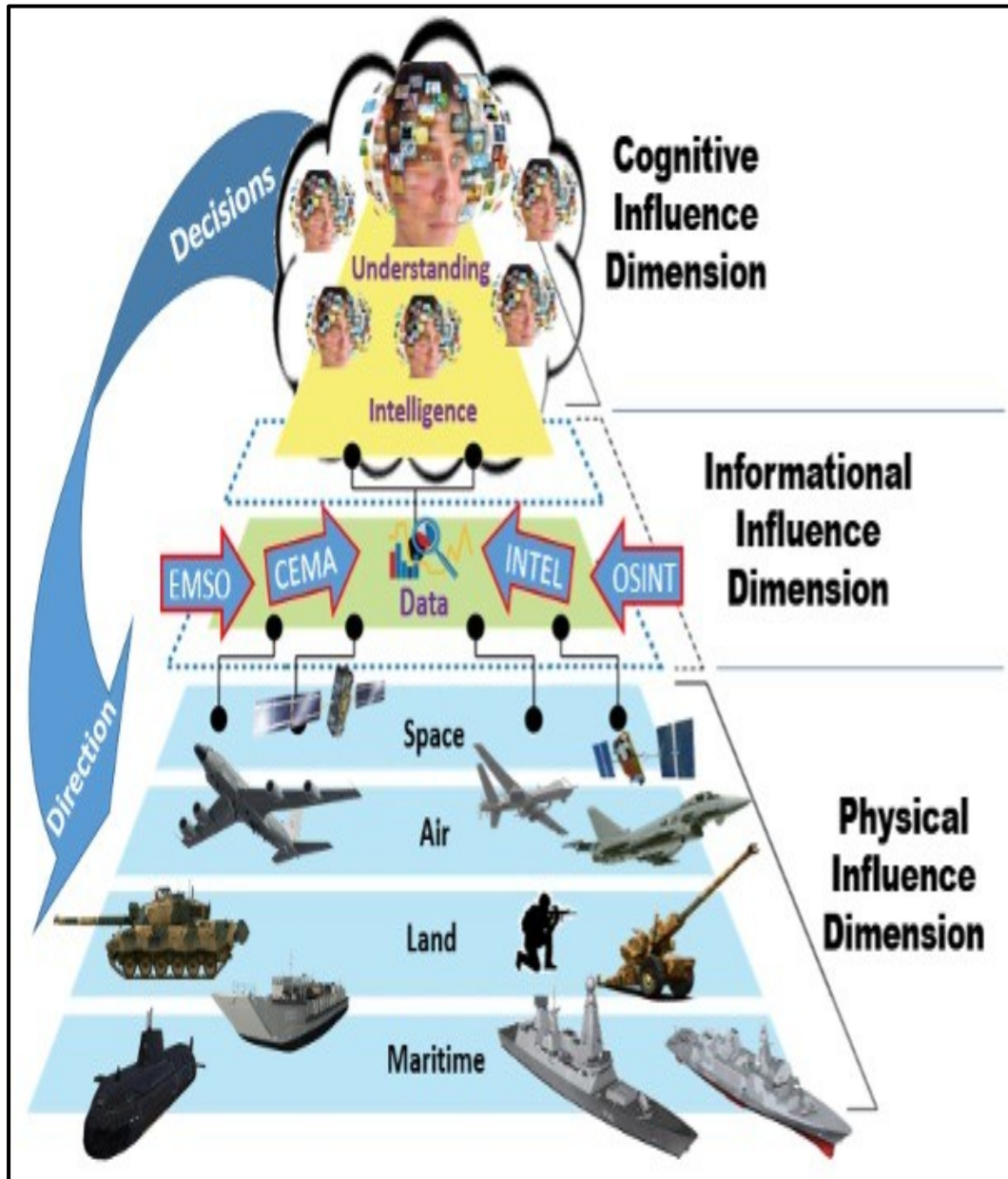


- Interconnected & Interrelated
- For a Common Objective
- **Emergent Behaviour - Unique property Parts don't have**
- Feedback loops
- Cause and Effect- Not closely related in time and space
- Principle of Leverage

Whole is $>$ the \sum of its parts



MDO



SPACE	Geo Spatial Int, ASAT, Satl Comn & GPS Jx
CYBER	CNE, CNA, CND, CEMA, Offn EW
AIR	CAO, Strat AI, BAI, BAS
LAND	Force, Space Centric ops
MARITIME	Eco Blockade, Amph Ops, ISR

MDO - IMPLICATIONS

- Int and Info Dominance
- Tech - a Force Multiplier
- Jointness & Integration
- Jt MDO Centres
- Flexible C2 Set up

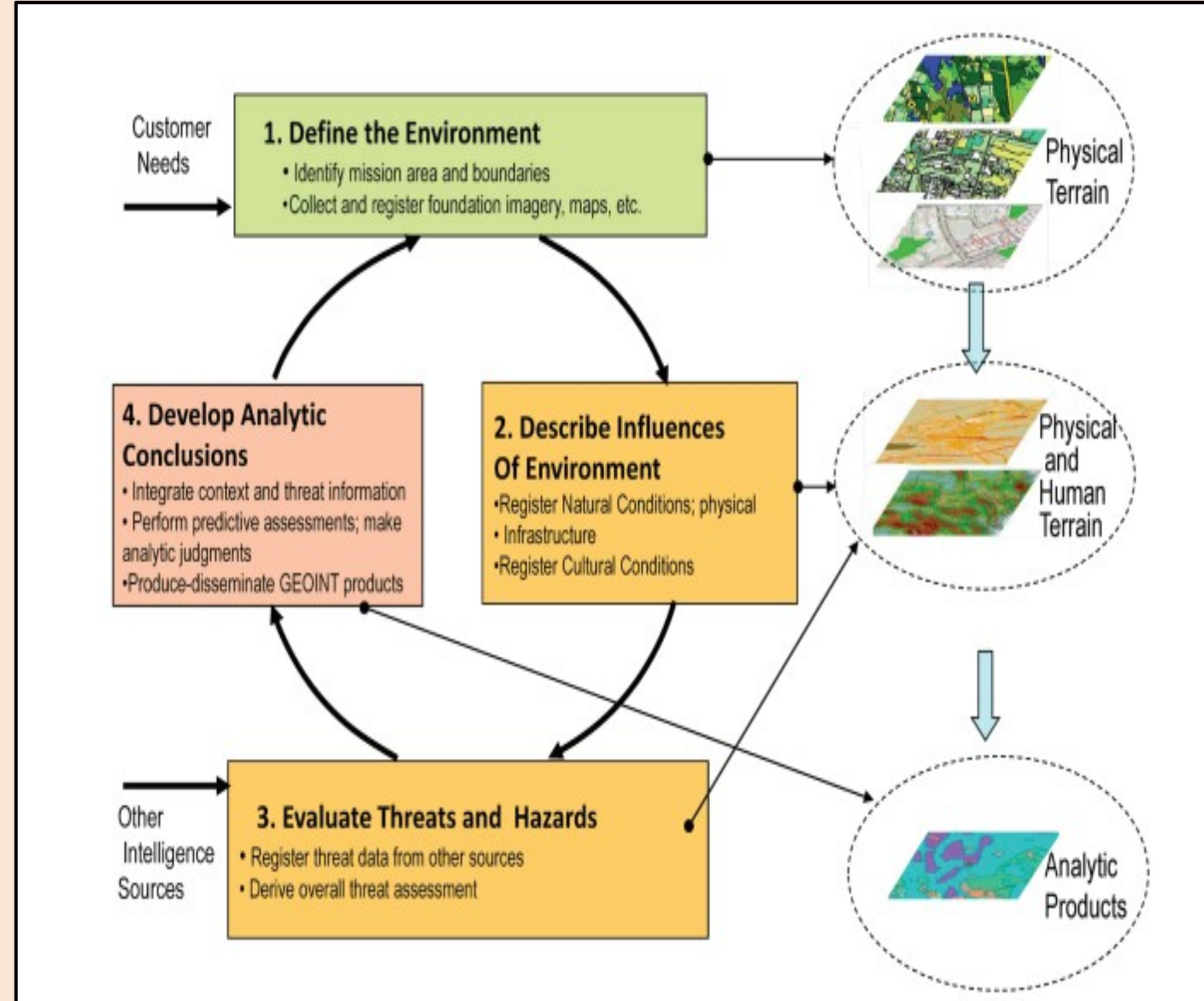
GEO SPATIAL INT

GEOINT is composed of information layers, which answer such questions as...



- ❖ Where am I?
- ❖ Where are the friendlies?
- ❖ Where are the enemies?
- ❖ When might they move?
- ❖ Where are the non-combatants?
- ❖ Where are the obstacles, natural or man-made, and how do I navigate among them?
- ❖ What is the environment?
- ❖ What does it mean?
- ❖ What is the impact?

Processing Geospatial Info



SOURCES

Satl	AC/UAV	GPS	SIGINT	HUMINT	OSINT
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TECH

GIS	AI/ML
Remote Sensing	Digital Twins
Cartography	Internet of Things

MULTI DOMAIN INTEGRATION



JAI HIND