



Land Network Update and Lessons Learnt

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Army

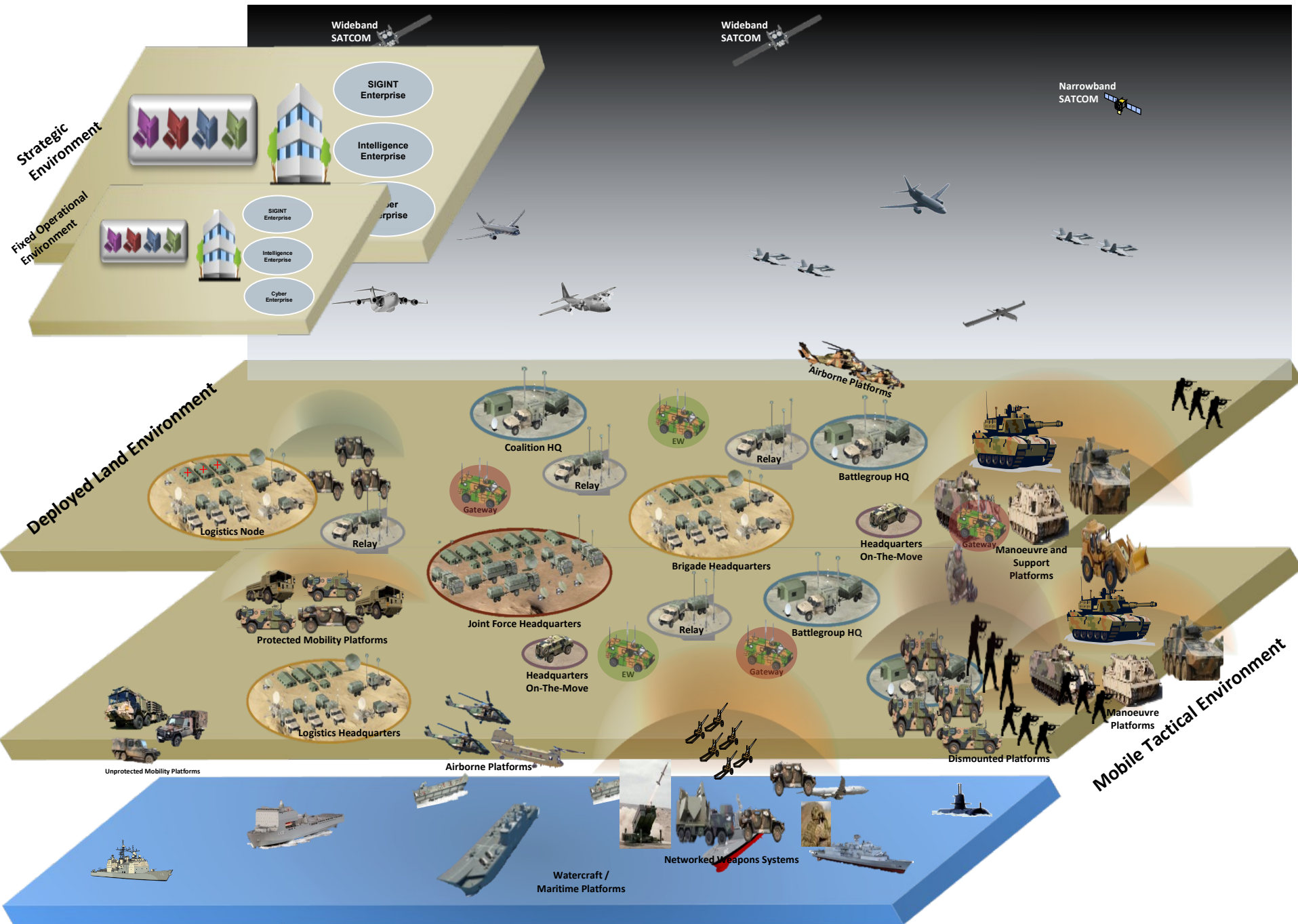


*Digital
By
Design*

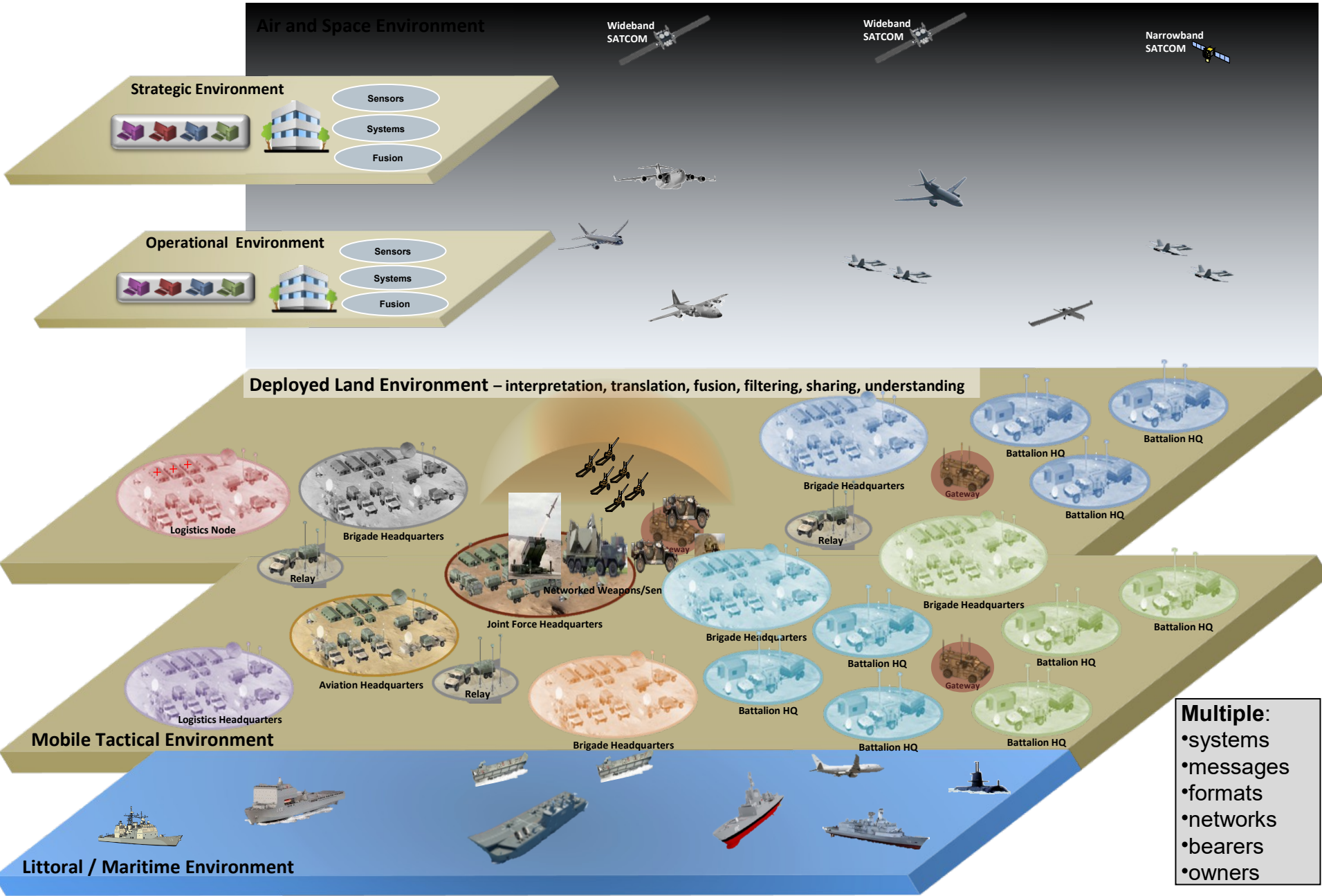
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Joint Land Combat Capability



Joint and Coalition Land Combat - the common operating challenge



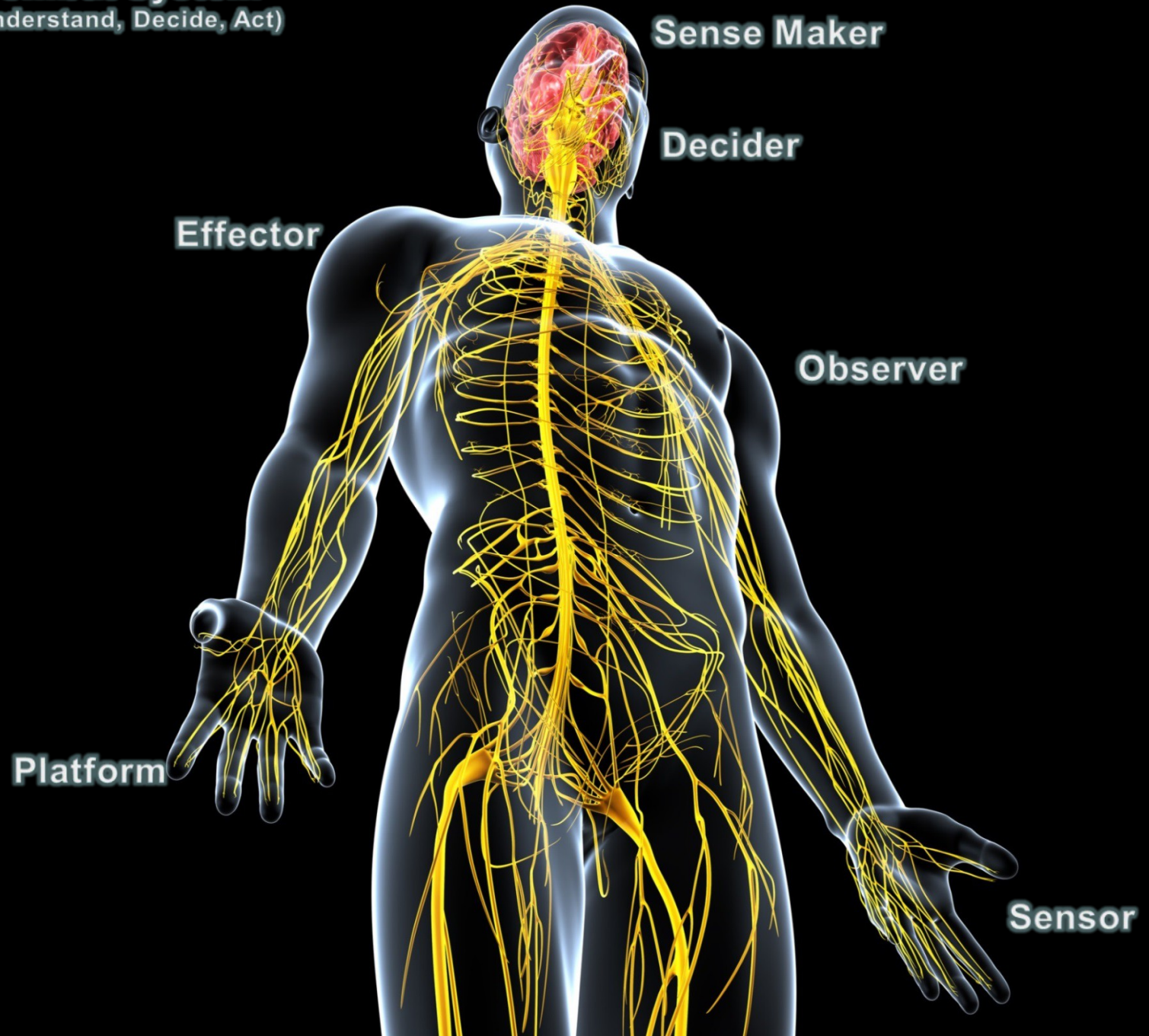


Land Combat System

The Land Combat System is Army's **networked 'system-of-systems'** that enables our forces to win the contested decision/action cycle. It enables the Joint Land Force to better **Sense, Understand, Decide** and **Act**, from the individual soldier and platform, through each specified level of command and control. The system is fundamental to how Army will fight. It will ensure **integration within the Joint Force** and allow for **interoperability with the US, coalition** and other government agencies.

Land Combat System

(Sense, Understand, Decide, Act)



Sense Maker

Decider

Effector

Observer

Platform

Sensor

How do commander's make decisions?

Information

Where is it?

What form is it in?

Process, Parse, Push

Why and where do I want to move it?

How do I push it in the tactical environment?

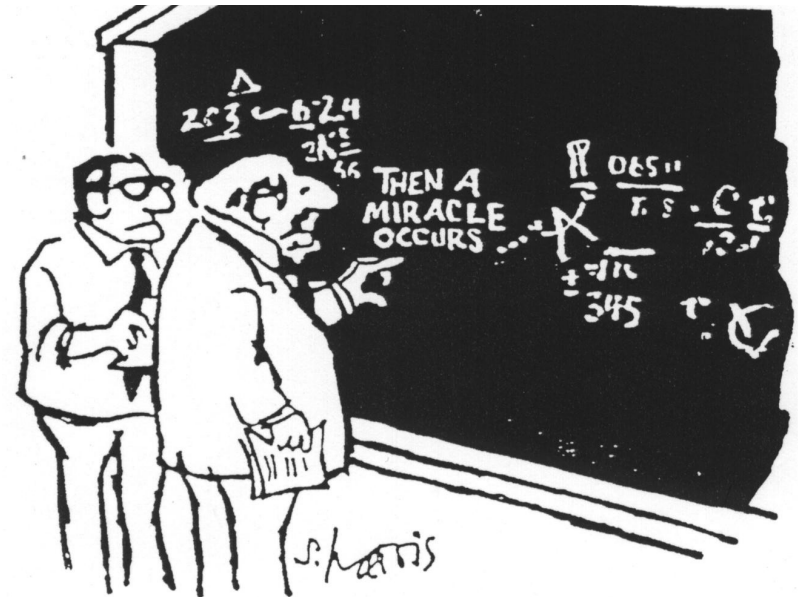
Is it just 'noise'?



- Where will decisions be made?
- How much is enough?
- What's necessary?
- What's noise?



- Understanding
 - Decision making
 - interoperability
 - format(s)
 - latency
- Set expectations
- ‘Control the seam’

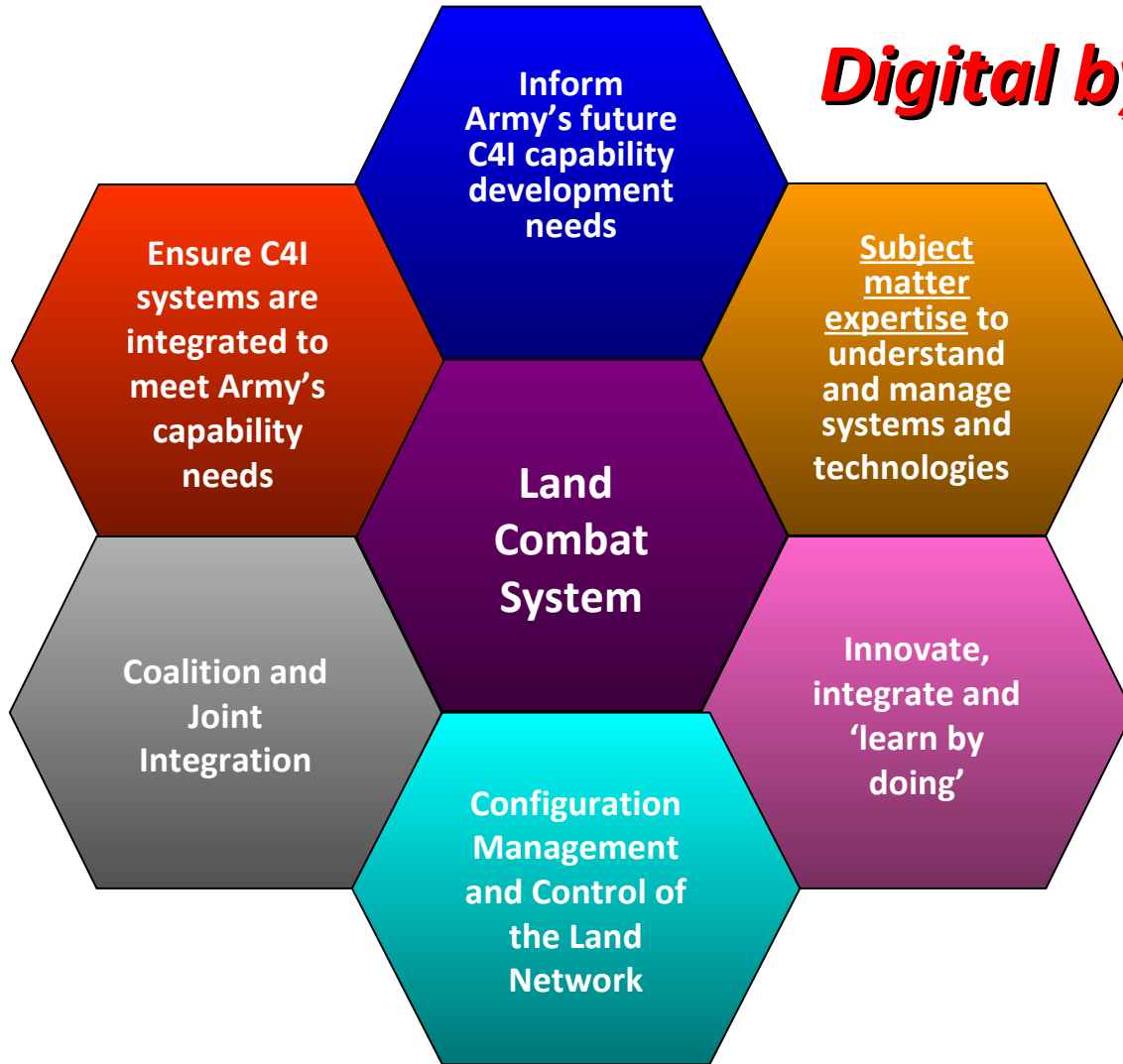


I think you should be a little more specific, here in Step 2



Army

Digital by design





Army



Design



Configuration
Management



Cyber
Worthiness



Support &
Development



Validation and
Verification

System of Systems Integration

- Own the network, own the outcome
 - Army knows how we want to fight
- Understanding – yearn to learn
- Testing at load and scale
 - Understand tactical and technical risk
- Bridging the ‘Black Box’
- Data capture whenever possible
- Systems outcomes (deconflicted, compatible, integrated)
- Modernisation outcomes (human, technical, procedural)

- Test and confirm the design for major activities
- Capture the data to understand performance
- Work with Industry to ‘tune’ the network
- Understand the emerging needs and demands
- Evidence is key



Understand the past,
Support the present,
Shape the future

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