



Network Enabled Strike



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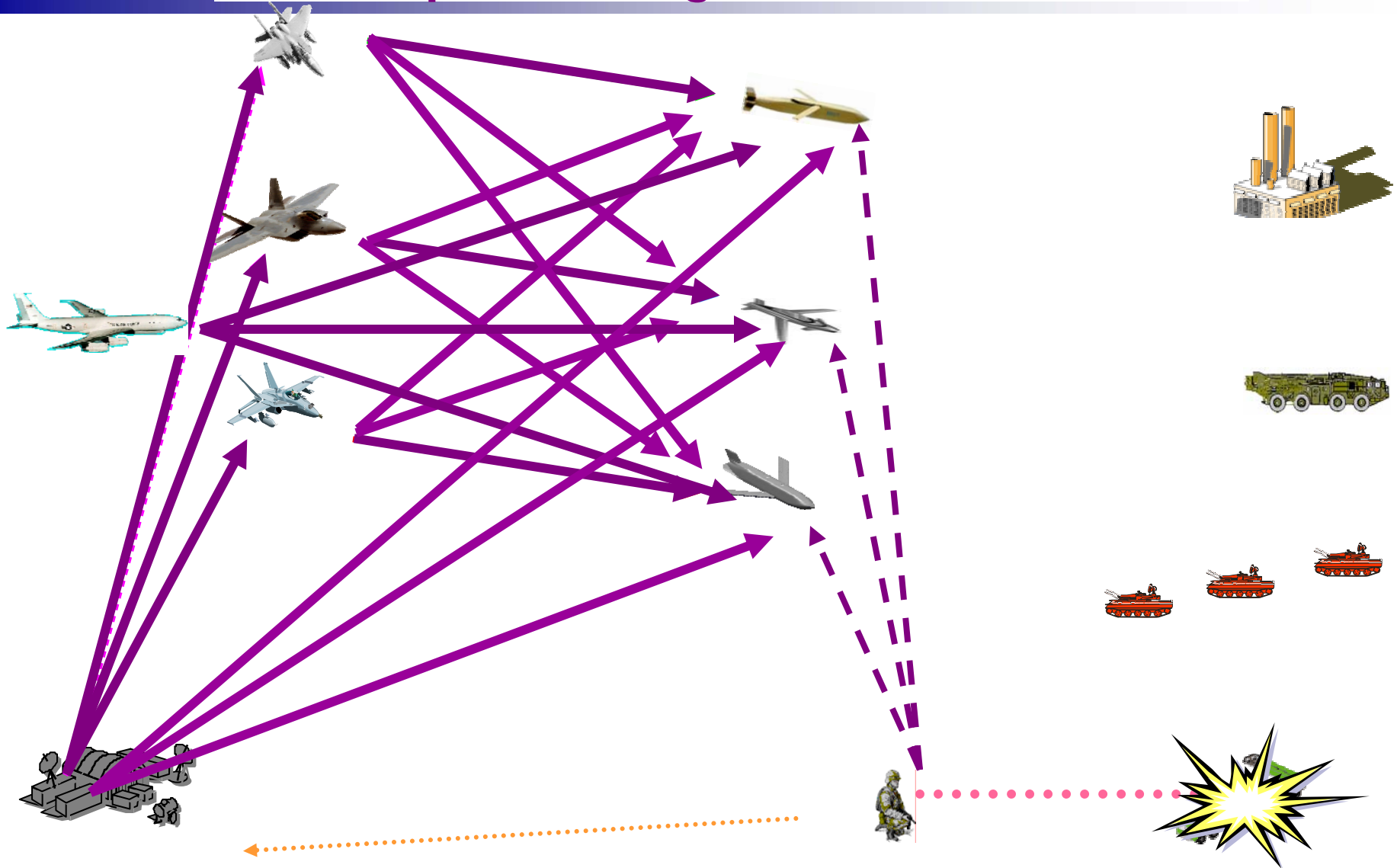


Overview

- 1. Why weapons?**
- 2. Current Joint Initiatives**
- 3. Anticipated End State**
- 4. Considerations and Issues**



Interoperable Weapons C2: Weapons Data Link Network ACTD developed Messages and Transactions



Current Joint Initiatives: Net Enabled Weapons Transition Path

JC2NEW JT&E

WDLN Deliverables:

- J&K Series ICPs
- CONOPS/CONEMP
- Final MUA Report



CONOPS, CONEMP, TTP REFINEMENT

Coordination & Adjudication:

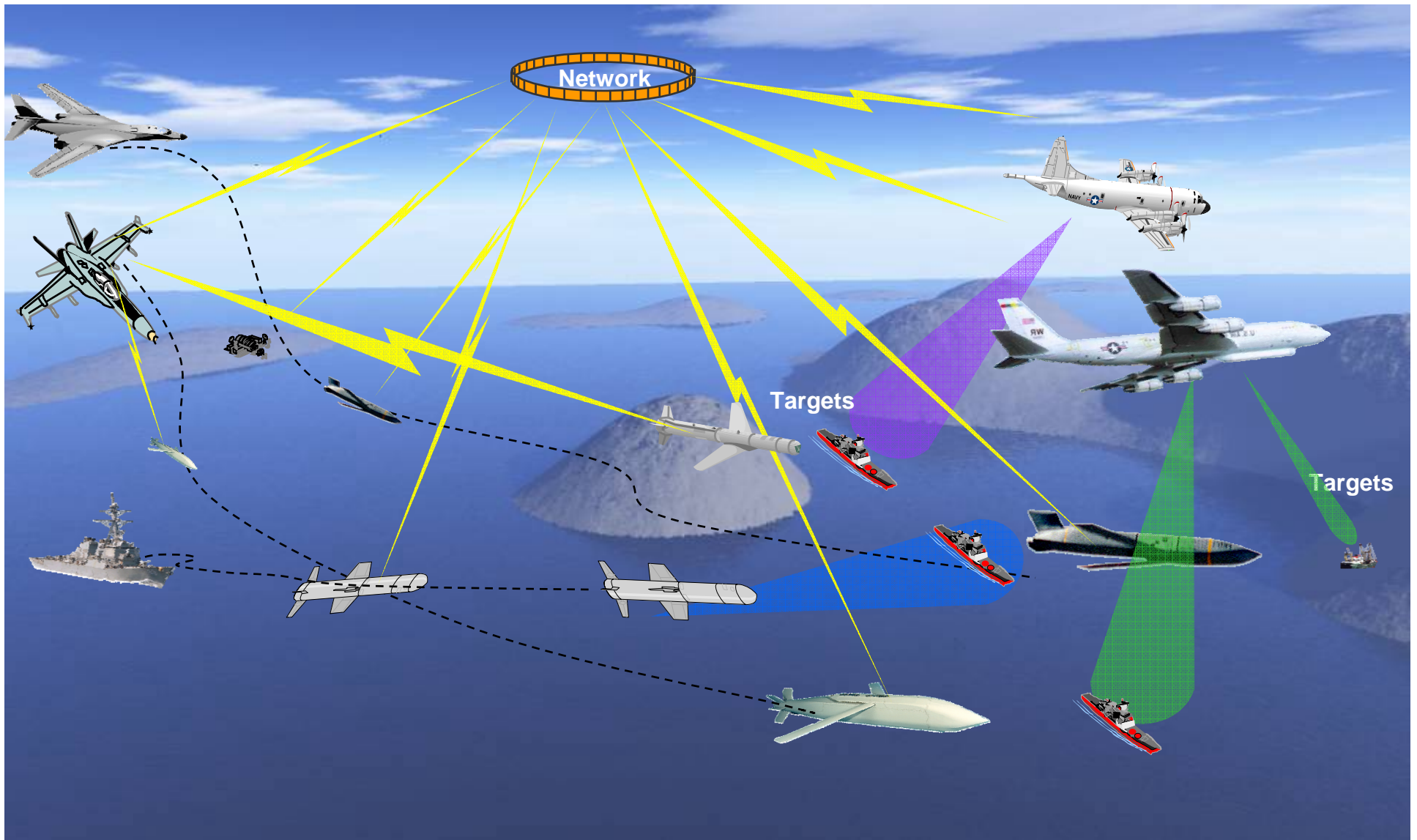
- CONOPS/CONEMP (Year to 18 Months)
- US J&K Series ICP (18 Months to 2 Years)
- NATO J Series (Add minimum of 2 Years)
- Continuity Key Approval





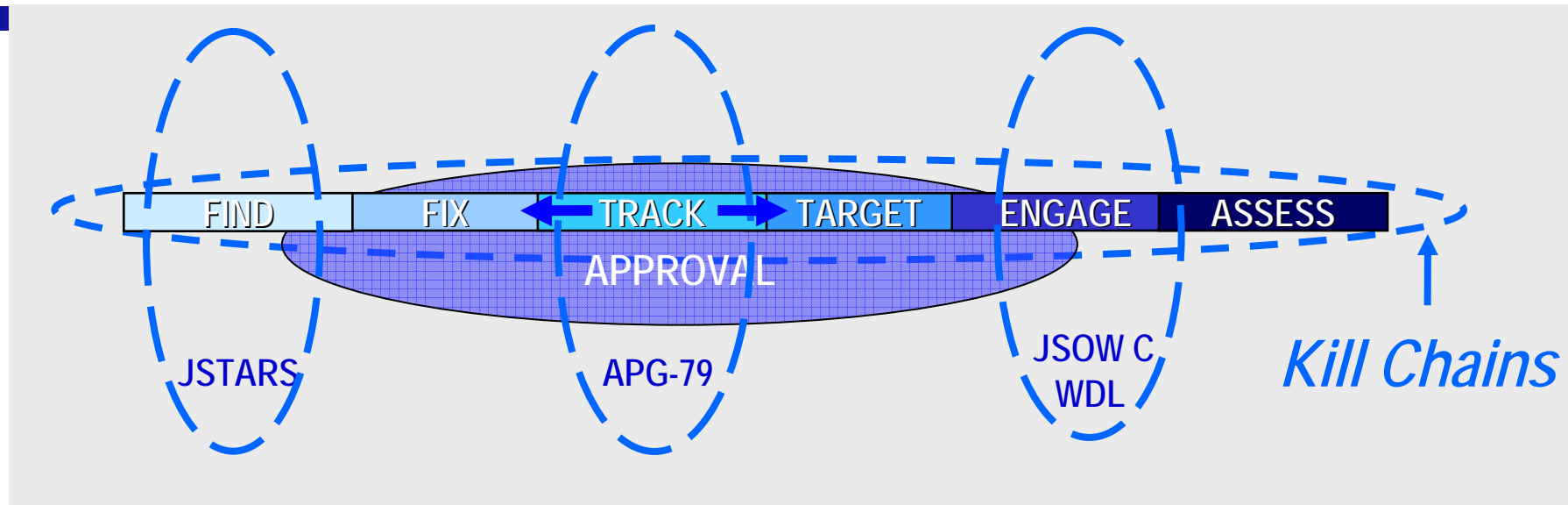
JSuW ACTD:

Weapons and Platforms Anticipate State





Capability-based Analysis

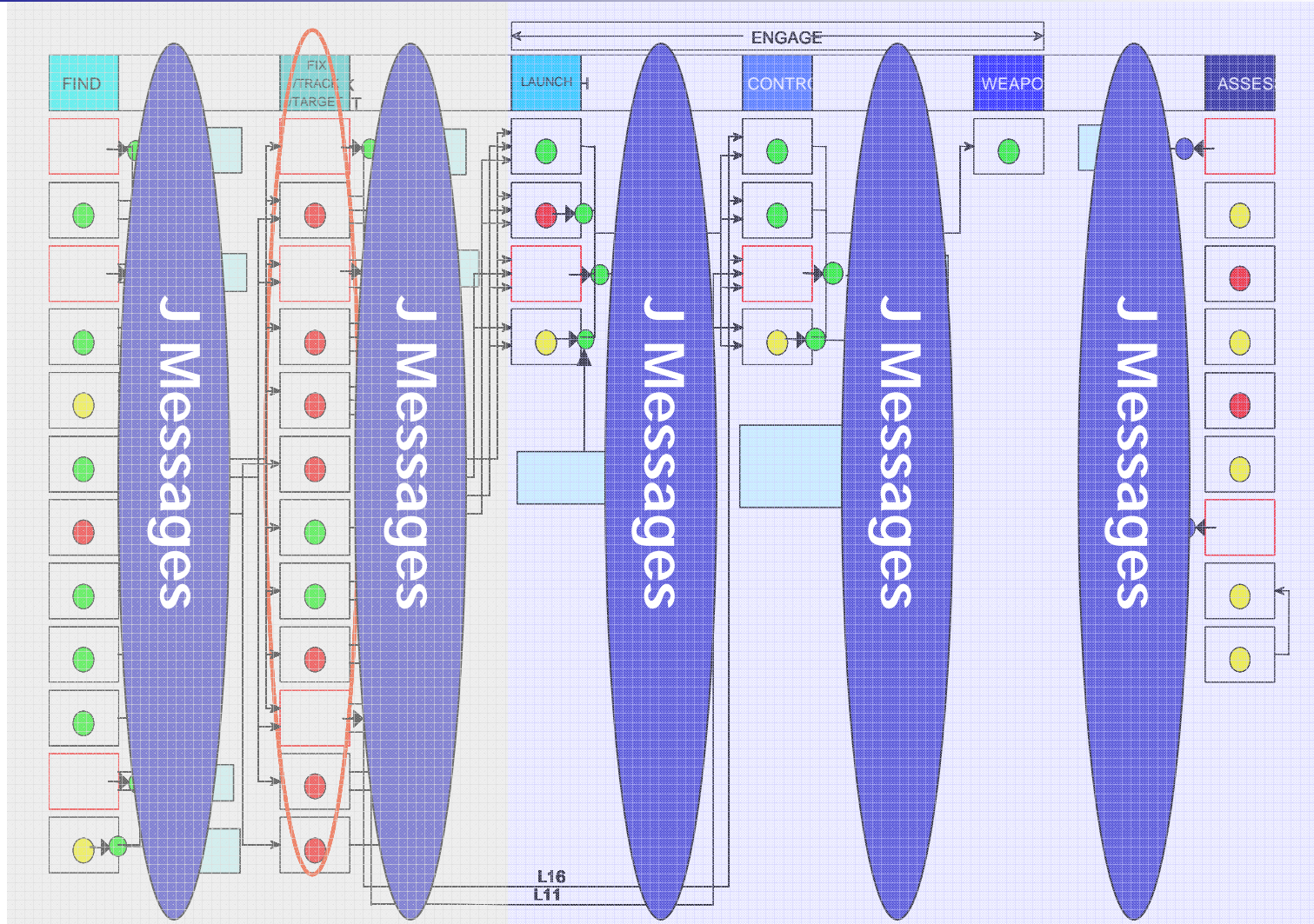


- Systems Engineering between Programs and Kill Chains
 - Horizontal integration generates and assesses end-to-end capability
- Fund Programs (Business as Usual)
- Fund Kill Chains/Capabilities (Systems Engineering and Integration)

Fiscal Accountability for Capability



Kill Chain and Network Link



Approval/ID on critical path

Net enabled weapons need a network



Issues

- Network Robustness
- Traditional or Streamlined C2
- Extent of Automation
- Quality of Information
- Coalition Interoperability



Summary

- Network-enabled weapons will be here in two to three years
- Launch, ISR and C2 platforms must collaborate in order to achieve integrated kill chains
- We still have key issues to resolve

*Networking brings the dawn of a new era
to time sensitive strike*