Headquarters U.S. Air Force

Integrity - Service - Excellence

JBMC2 Convergence



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Warfighting Integration

U.S. AIR FORCE

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Commitment



JBMC2 CONVERGENCE REQUIRES JOINT NETWORK-CENTRIC CAPABILITY



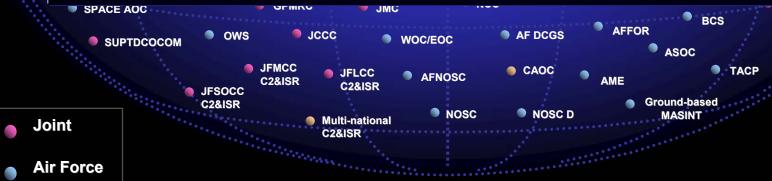
The C2 Constellation

- Peer-based Net-Centric Infostructure
- Shared combat information environment to C2 Centers
- Seamless, information dissemination grid
- Through C2ISR Nodes, achieving connectivity standards

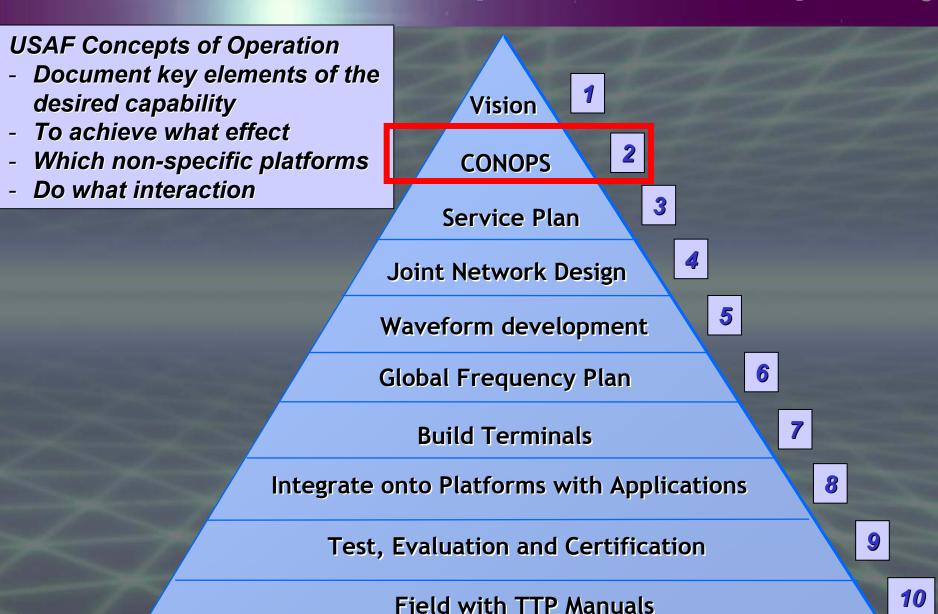
In 3 stages:

Coalition

Architecture for standards / protocols
Bringing legacy systems to constellation configuration protocols
Fielding Next Generation Advanced C2 Sensors

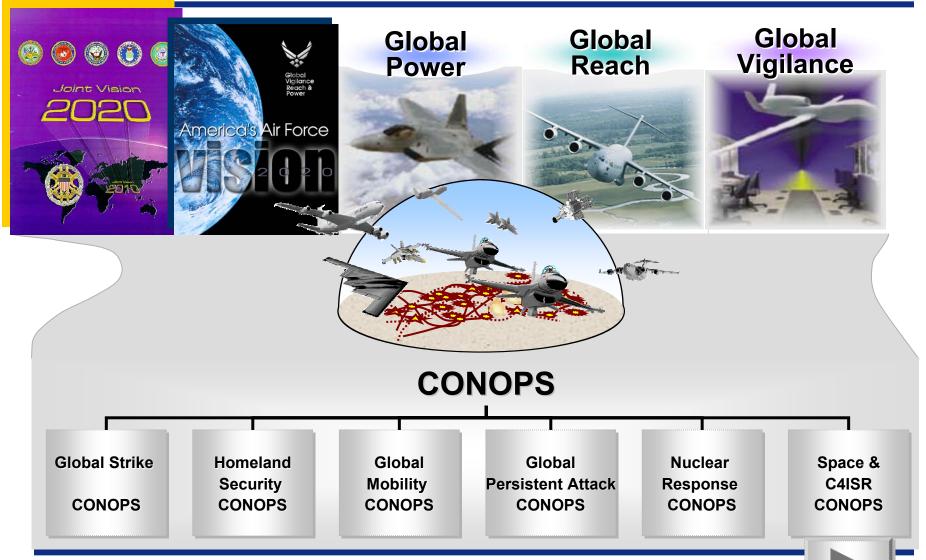






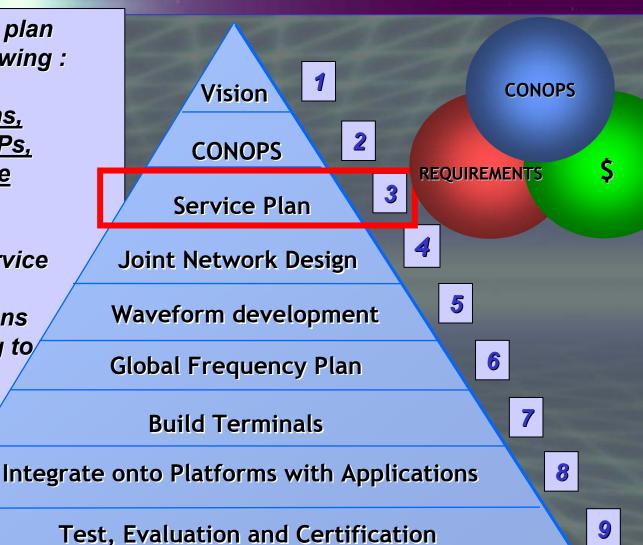


Capabilities-Based CONOPS



Services develop their plan considering the following:

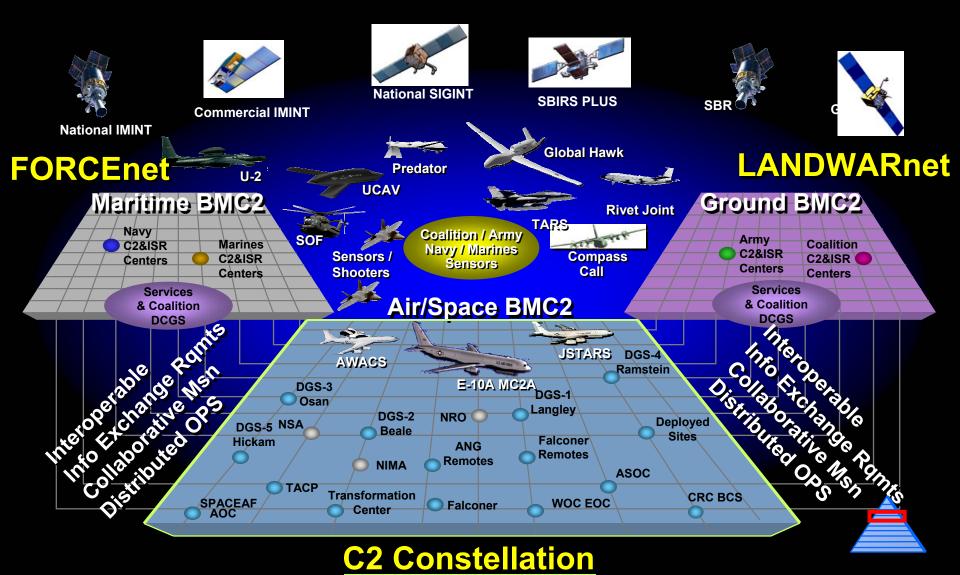
- Accent and Enable:
 Other Service Visions,
 Other Service CONOPs,
 Services' Competitive
 Advantages
- Key on:
- Leveraging other Service Strengths
- Specific Joint missions
- Applications needing to be enabled by NCW
- Looking for Trade Space

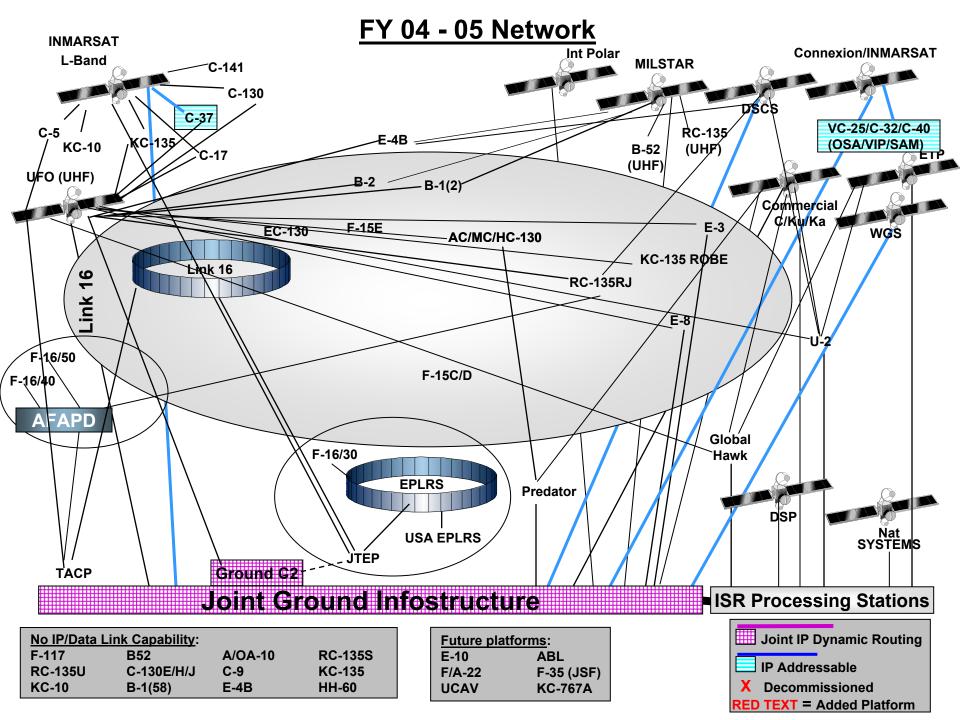


Field with TTP Manuals

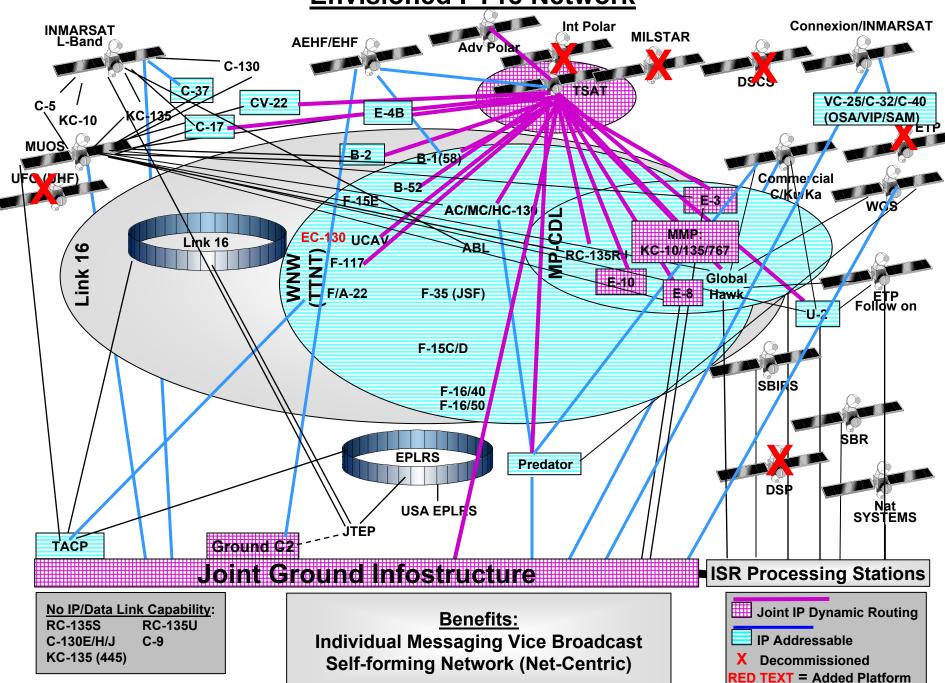
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Constellation Interoperates with Maritime & Ground BMC2 Systems to Provide Joint BMC2





Envisioned FY18 Network





Joint Engagement Forums

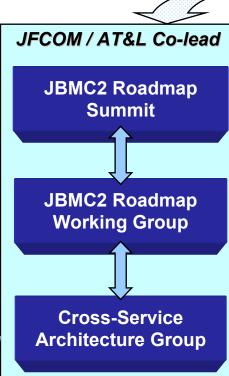


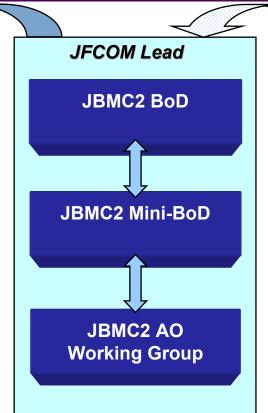
Continuous Service-to-Service Warfighter Talks
CONOPs Driven into the Tank & Joint World

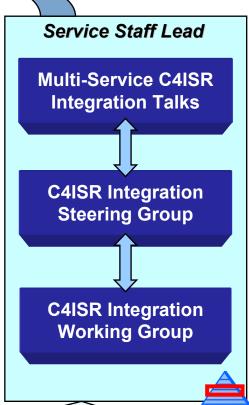










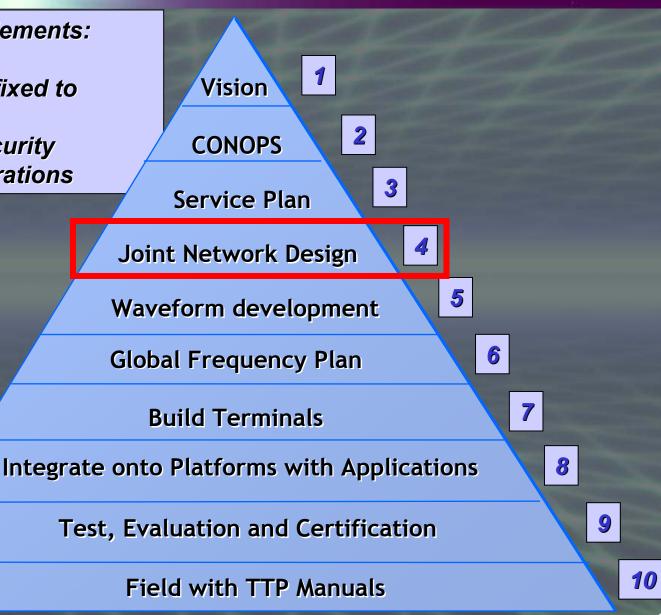


Joint Activities Inform Service Efforts

AFC2ISR CENTER — JFCOM COLLABORATION

Network Design key elements:

- Migration to IP base
- GIG extension from fixed to mobile nodes
- Multiple levels of security
- Geographic considerations

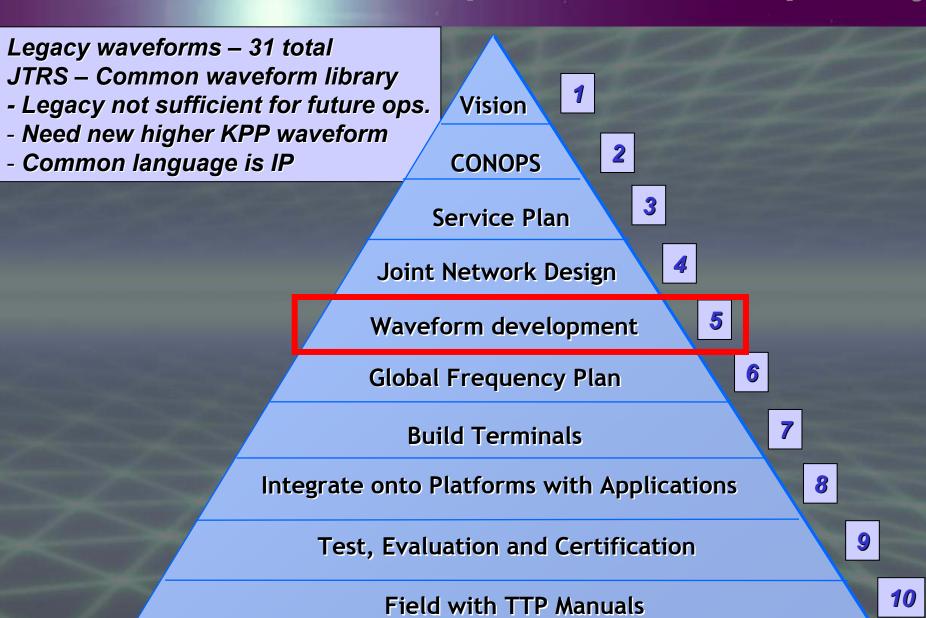


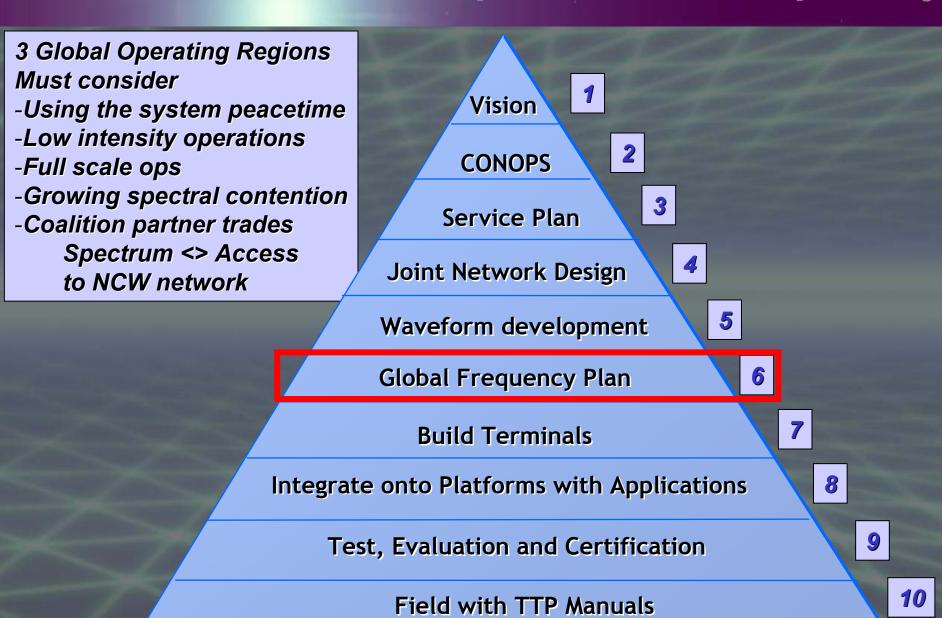


Long Term Plan

IP based Considerations for Joint Machine to Machine Network







JTRS Service Cluster Build Plan Compliance with growth to NCW Key parts:

- Sufficient back plane
- Crypto
- Power Amplifiers
- Cross banding / multi channel
- In radio applications

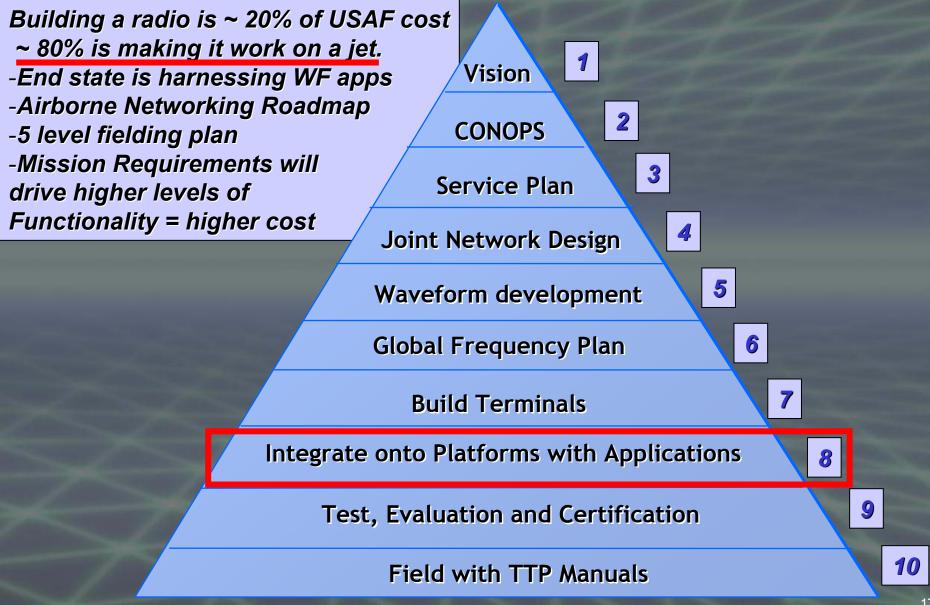


Integrate onto Platforms with Applications

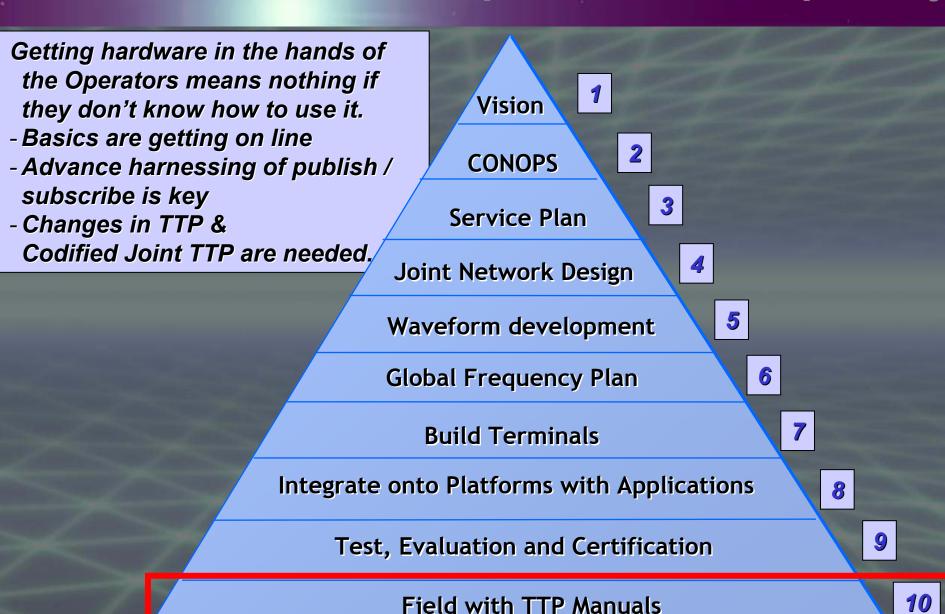
Test, Evaluation and Certification

Field with TTP Manuals

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In Summary

Air Force is fully committed to co-developing integrated capabilities delivering Joint effects by significant investment in time, resources, and people to advance Joint Net-Centric Capability

Sum of all Wisdom: Placing the Cursor over the Target, the Operator <u>Doesn't Care</u> Where the Info Came From