





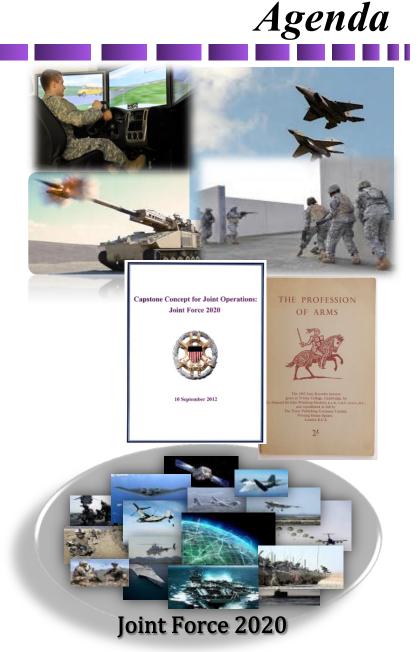
Joint Force 2020 Training Environment

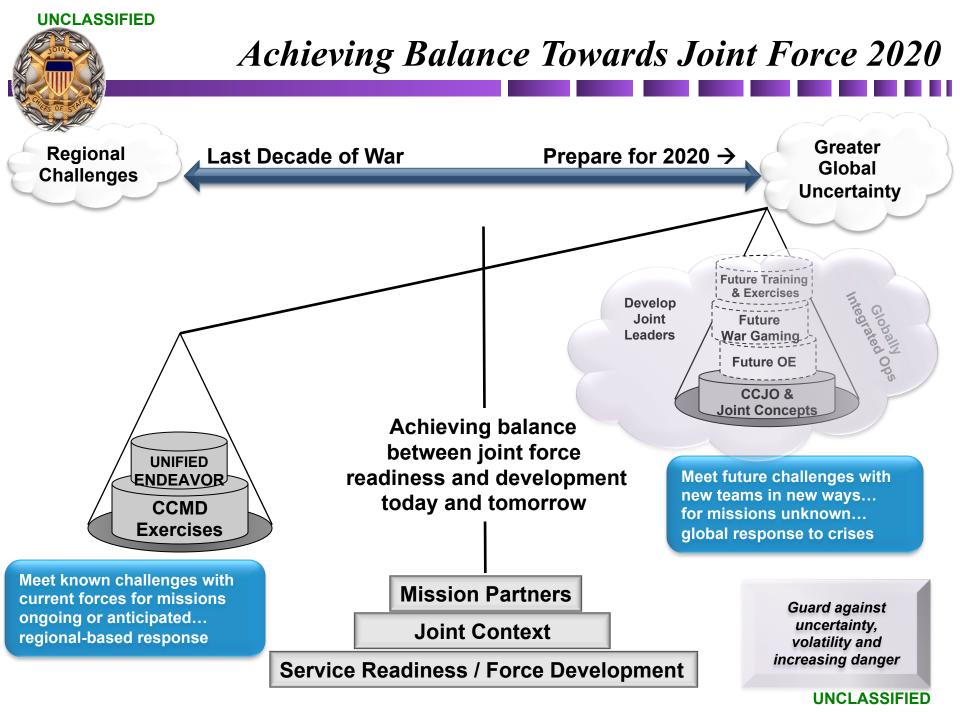
The Overall Classification of this Briefing is : UNCLASSIFIED

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- Current and future force readiness balance
- JF 2020 Joint Training drivers
- JF 2020 Joint Training environment
- Connecting with the JF 2020 warfighter
 - Rapidly changing technology
 - Digital native warfighters
- Joint Training Enterprise vision for JF 2020
 - Joint Training Enterprise Architecture (JTEA)
 - Architecture key components
 - JLVC 2020 initial capability
 - Joint Information Environment training cloud
- Cooperation results Viking 14
- Questions/comments/discussion







JF2020 Joint Training Drivers

• Globally Integrated Operations

- Multi- combatant commands
- Geography; lift; logistics
- Rapid aggregation of joint capabilities
 - Regionally aligned forces vice steady-state MRXs
 - Partners; engagement
- Cross Domain
 - Replication of all domains
 - Cyberspace is a mission essential implied task
- Fewer opportunities to exercise jointly
- Maximum use of home-station training resources
 - Limited access to traditional training enablers at home-station
- Uncertainty and complexity
 - Decades old training technology cannot affordably adapt
- Joint Information Environment (JIE)
 - Cyber security; architecture mandates; data center consolidation









JF2020 Joint Training Environment

- Globally distributed to the point of need more inclusive
 - Accessible and scalable; partner inclusive
- Reflect the uncertainty and complexity of the operating environment
 - Adaptive and agile to keep pace with changes
- Stimulate forces on the ground (L-V-C)
 - Exercise the joint force
- Compelling and engaging to the digital native
 - Challenge the professional warfighter
- Deliberately foster innovation
 - Implementation of ideas to create new business value
 - Means to an end, not an end in itself
- Affordable
 - Reduced operations and sustainment costs
- Cloud enabled services; cyber security











Digital Immigrant vs Digital Native

A digital immigrant is an individual who was born before the existence of digital technology and adopted it to some extent later in life.

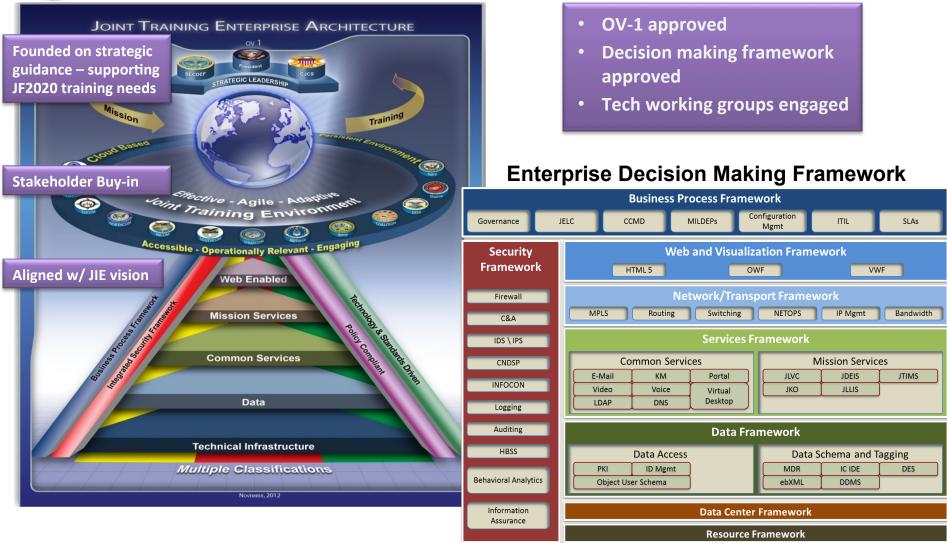
> A digital native is a person who was born during or after the general introduction of digital technologies and through interacting with digital technology from an early age, has a greater understanding of its concepts

Today's Soldiers, Sailors, Airmen and Marines come from a generation of "digital natives" who have grown up with, and expect, 24/7 connectivity.

Bullets and Blogs, New Media and the Warfighter

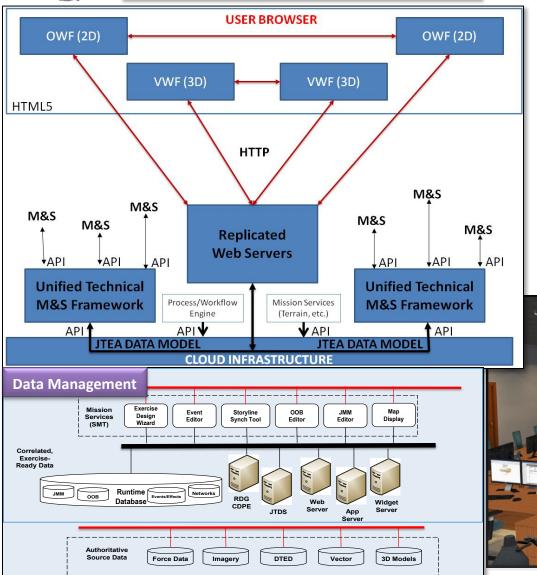


New Enterprise Vision.....JTEA



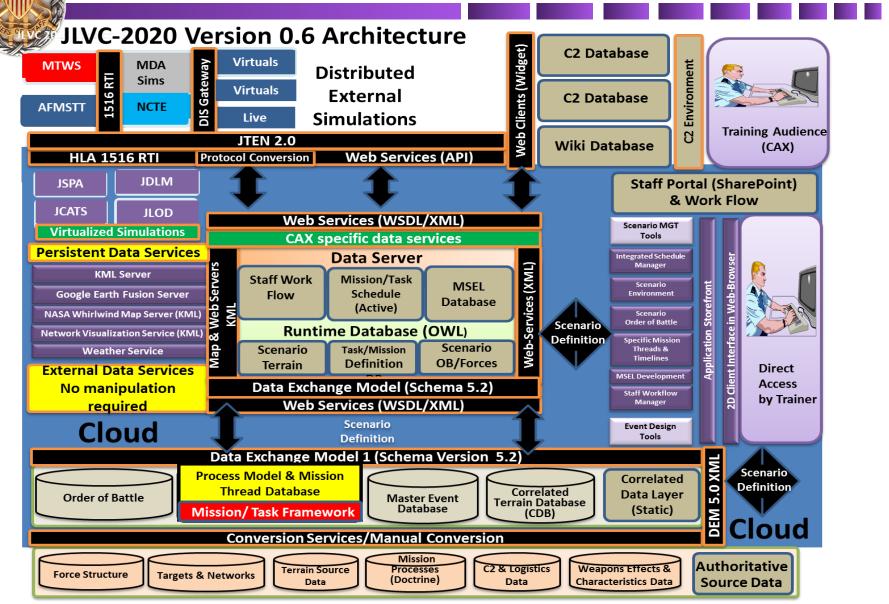
Enterprise Architecture Key Components

Web Oriented Architecture-Open Standards Based

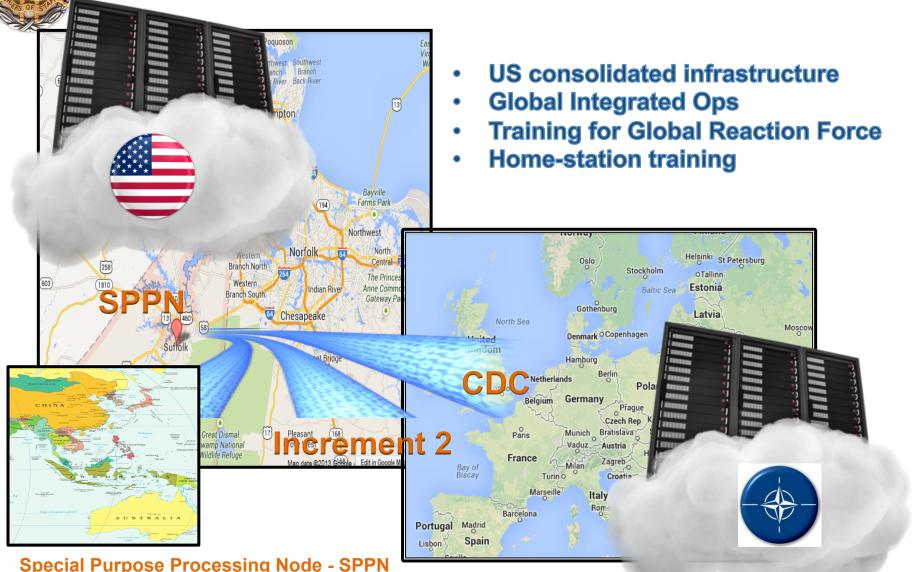




JLVC Target Architecture - Fall 2014



Joint Information Environment – M&S Node



Special Purpose Processing Node - SPPN Core Data Center – CDC

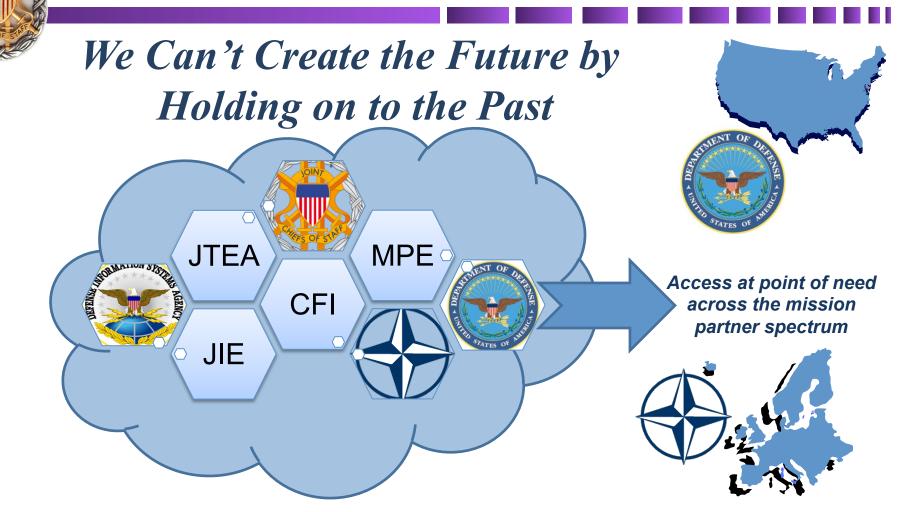


Multi-National Engagement – Viking 14



Participation in Viking 14 exemplifies JS J7's contribution to NATO STO's effectiveness, efficiency, and continuous improvement goals. It leverages technical specifications developed in MSG-106 and furthers data sharing, simulation interoperability, and infrastructure specifications to enable cooperative training among NATO and PfP nations.

Questions/Comments/Discussion



- Preserve readiness achieved through joint operations and retain the cadre of experts.
- Prevent atrophy of joint skills through deliberate, persistent, and relevant training capability.

- Provide the JTE as A real-world classroom for combat and innovation.
- Support the democratization of ideas, visualized through models and simulation, to advance capability.