



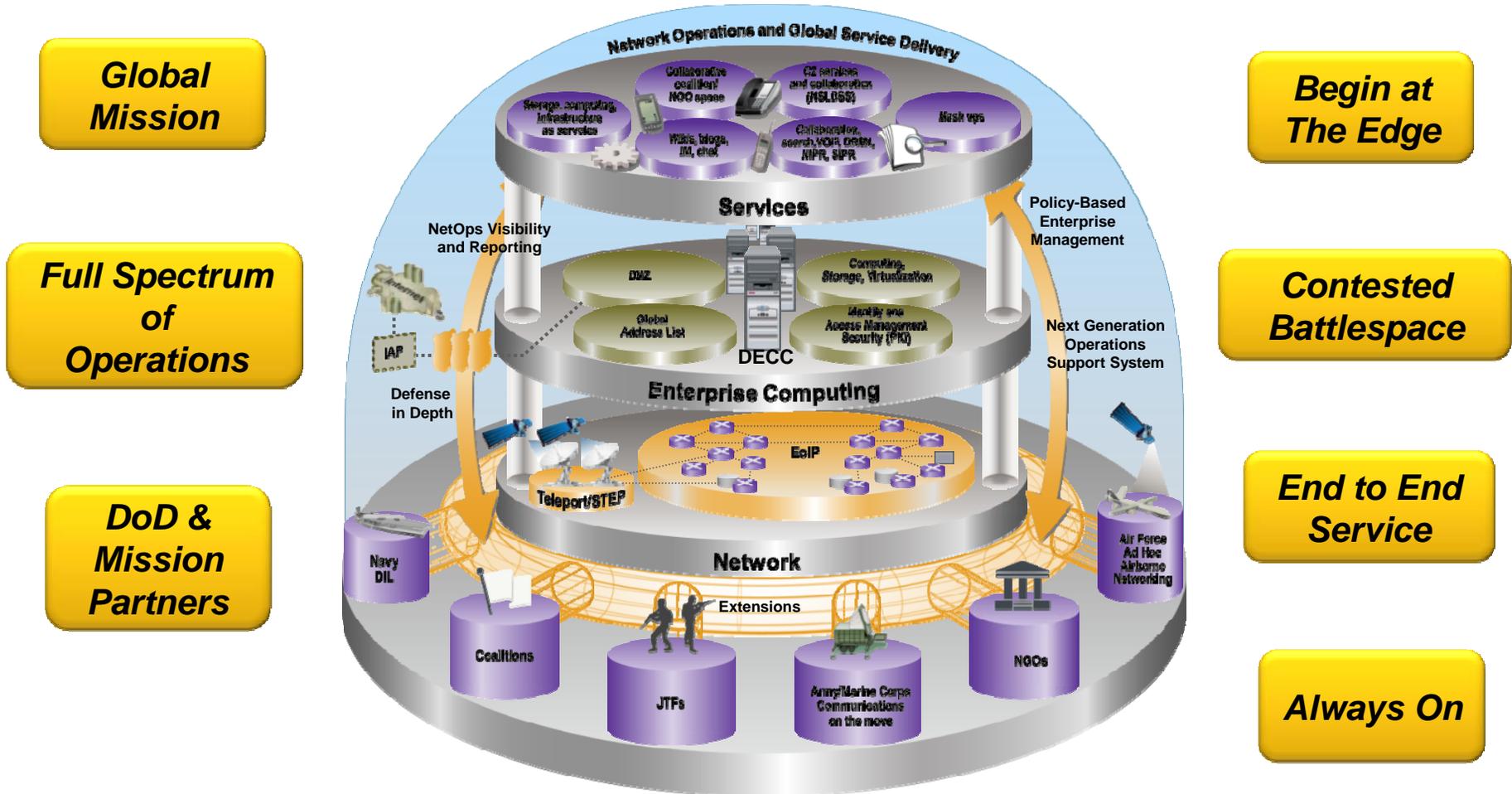
Defense Information Systems Agency

A Combat Support Agency

Forecast to Industry DISA CTO

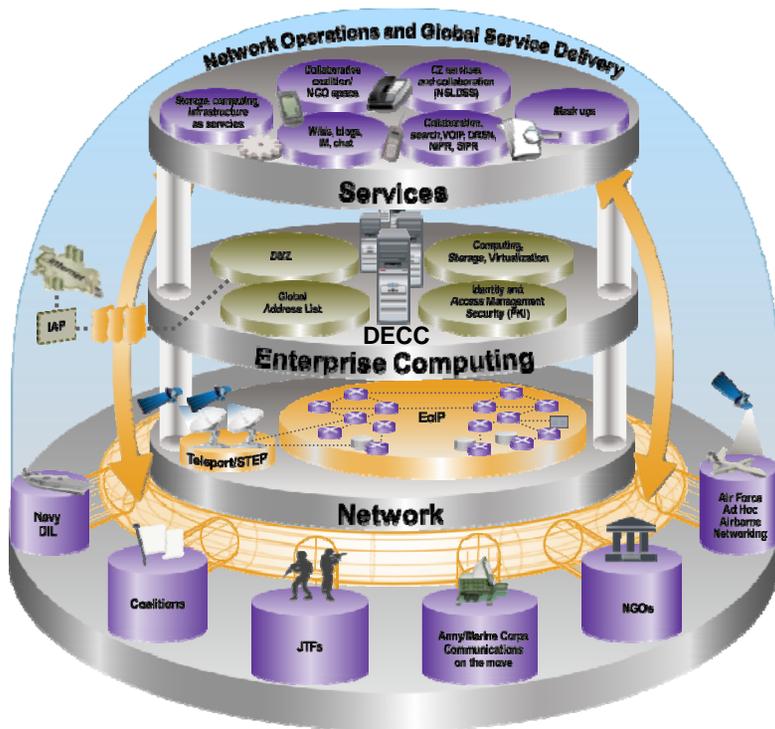
David Mihelcic
Chief Technology Officer
July 2010

DISA's View of the Enterprise

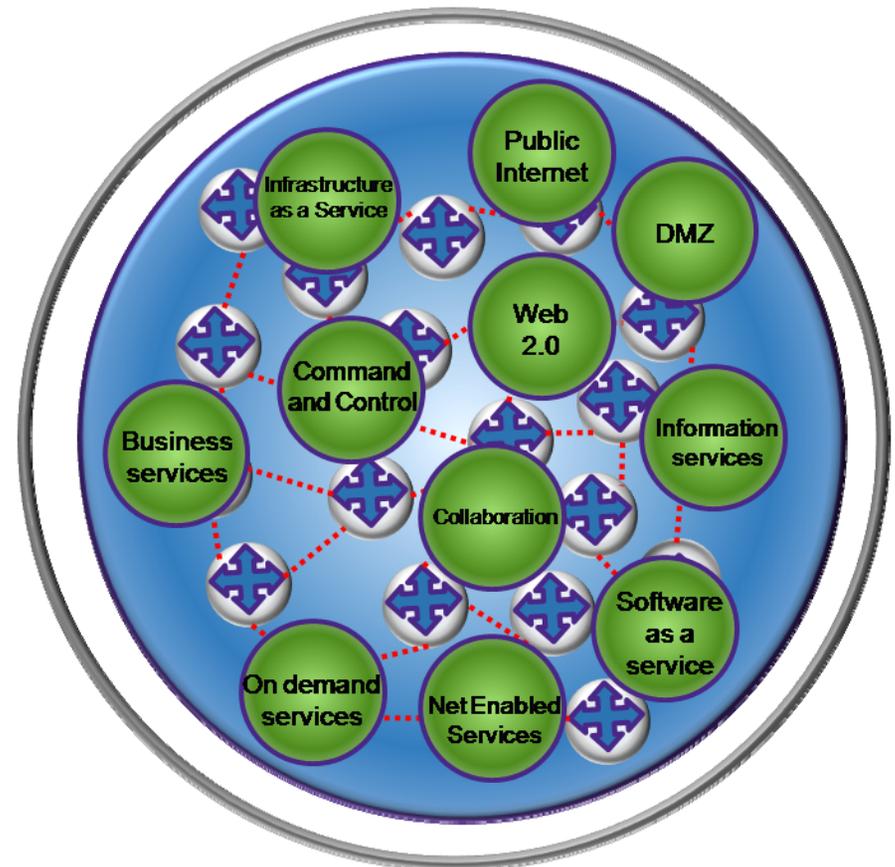


Transitioning to an Enterprise Infrastructure

Today: stratified communications, computing, and services



Tomorrow: an Integrated Enterprise Infrastructure



**Provide a platform for net-centric integration
Deliver information dial-tone to the warfighter
Enable plug-and-fight IT**



Innovation is Critical to Success

“Nurturing innovation in any organization is ultimately the responsibility of those at the top. ... Company leaders and board members need to instill the capacity for change in their organization and communicate a sense of shared mission to all employees.”



Judy Estrin, from her book *Closing the Innovation Gap: Reigniting the spark of creativity in a global economy*.



Institutionalizing Innovation

- **Advanced Concepts (Joint Capability Technology Demonstrations)**
 - Expedite transition of technology into operational systems
 - Conduct technical reconnaissance to match Program of Record (POR) need with emerging technologies, techniques, products, and services
 - Define technical strategies for architecture and execution leading to improved capabilities
- **Technology Innovation (Rapid Technology Insertion)**
 - Accelerate innovation within DISA to support Vice Chairman initiatives and warfighter needs
 - “Fail often, fail early”
 - Support many small projects, those that show viability quickly progress
 - Avoid fewer large projects with long and costly development cycles
 - Define technical futures strategies to drive Innovation

Innovation Success Story: NSLDSS JCTD

National Senior Leadership Decision Support Service (NSLDSS):

- Developing a rapid situation awareness (SA) to support response, planning, and execution for Senior Leaders in Department of Defense (DoD).
- **Objectives:**
 - Provide accurate, timely, and focused SA of situations, operations, and events of interest around the world
 - Deliver key data to senior leaders regardless of their physical location and display device

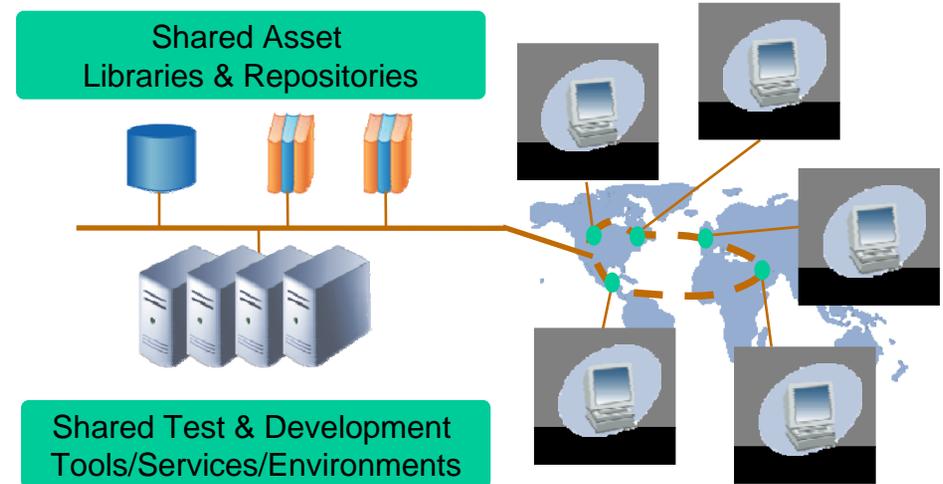
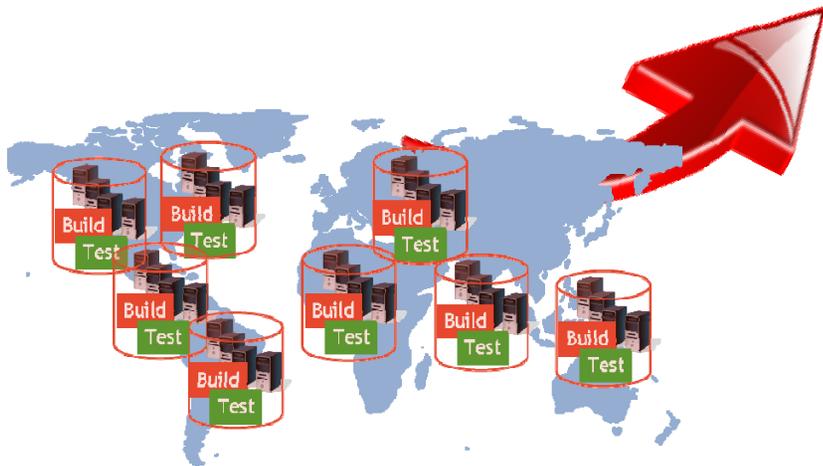


‘A mashup is a website or application that combines content from more than one source into an integrated experience’ (Wikipedia).

Innovation Success Story: Forge.mil

TODAY

- Siloed development environments
- Expensive and time consuming start-up
- Limited exposure, sharing, or re-use
- Duplication of effort



FORGE.mil

- Agile development and testing
- Cross-program sharing: software and services
- Early and continuous collaboration
- Integrated approach to development life cycle
- Extensible platform to support delivery of partner capabilities



On the Horizon for CTO

Contract/Task/Area of Support	Anticipated Start Date
FY10	
CTO Security Engineering & Information Assurance	4QFY10
FY10 Broad Agency Announcement "Enabling Technologies for Information Dominance"	Active; abstract evaluations underway
Advanced Technology Integration & Insertion (ATII) Process Support	4QFY10
Ongoing - Other	
FY09 Broad Agency Announcement "ACTDs & GIG Technology Transition"	Inactive; remaining abstract/proposal evaluations underway
Coalition Warrior Interoperability Demonstration (CWID) 2011	Proposals due Sep 2010
Vice Chairman Joint Chief of Staff (VCJCS) Initiatives (Forge.mil, Enterprise Thin Client, NSLDSS, other)	Contract support in place (various contracting organizations)

