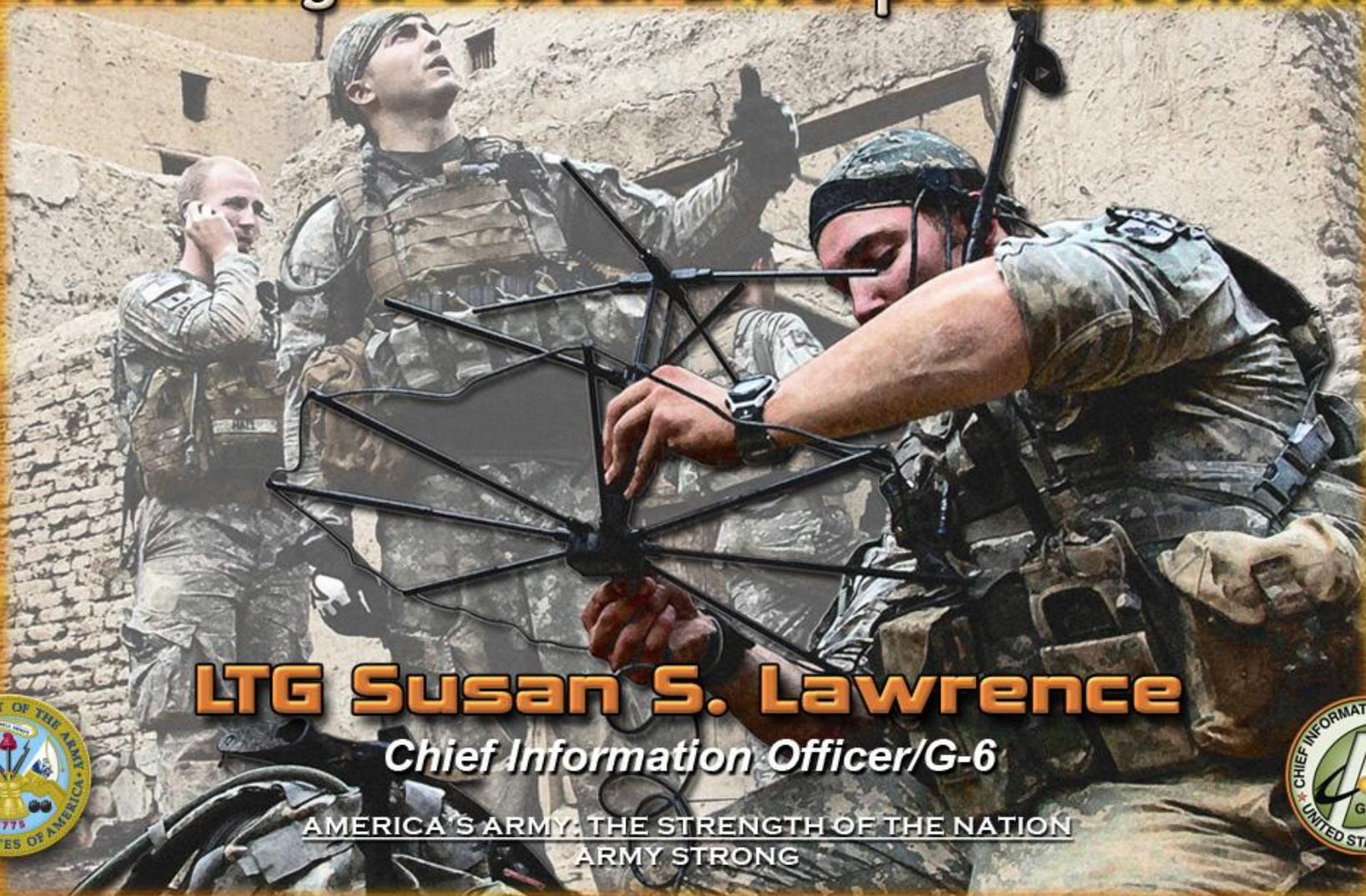


AUSA Institute for Land Warfare (ILW) Breakfast Achieving a Global Enterprise Network



LTG Susan S. Lawrence

Chief Information Officer/G-6

AMERICA'S ARMY. THE STRENGTH OF THE NATION
ARMY STRONG



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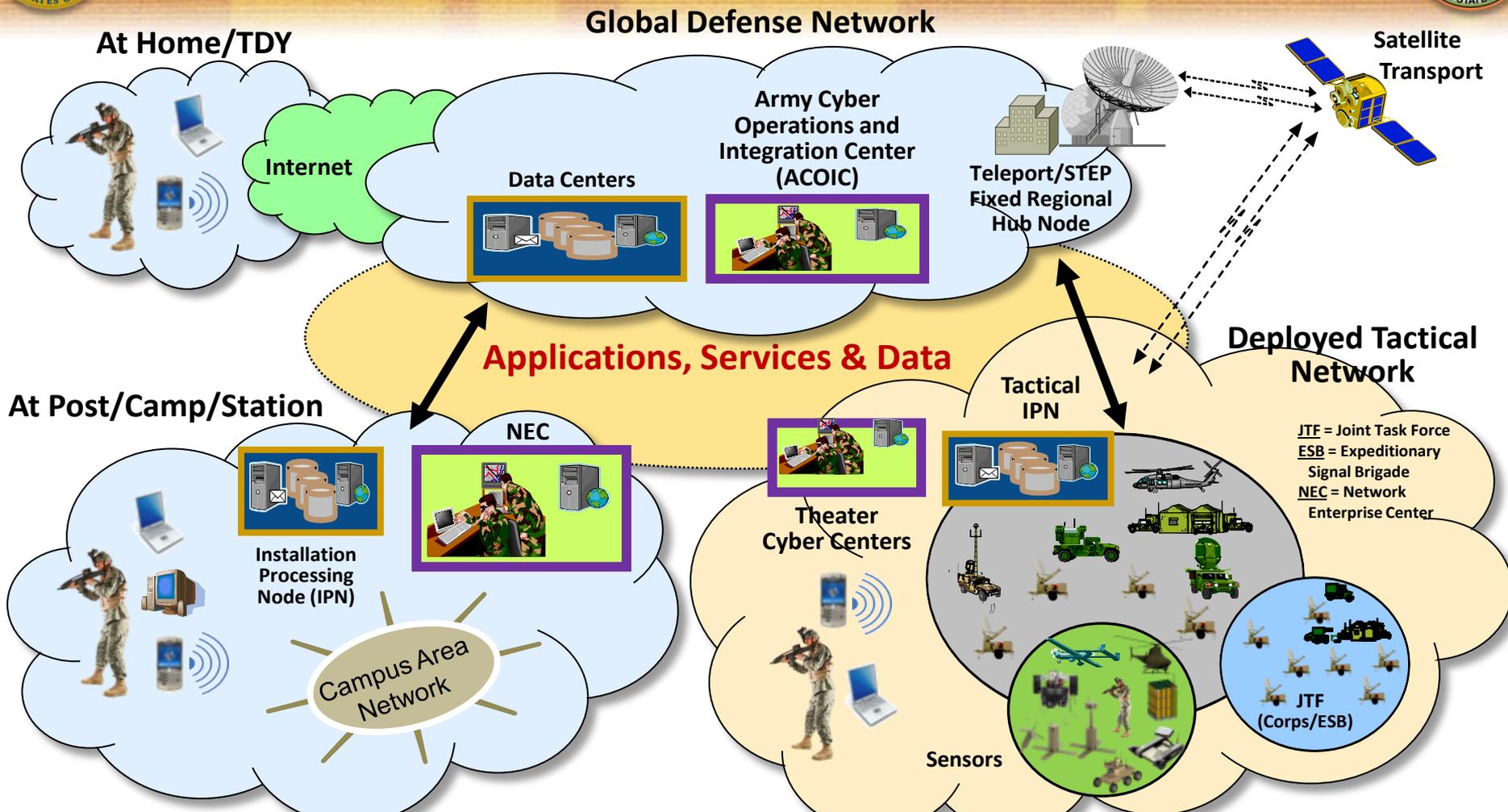
Agenda

- ★ Operational View
- ★ Why Go to a Global Network
- ★ Current Challenges
- ★ Common Operating Environment – The Game Changer
- ★ Network Lines of Effort
- ★ What Fort Bliss Brings to the Game





The Network – Operational View



The Network is the Army's Number One Modernization Effort...LandWarNet Must Migrate to an Integrated Enterprise System that is Available, Secure, Interoperable...a 21st Century Operational Capability. --Army Posture Statement 2011



Current Challenges

★ Access and Availability of Digital Applications

- Adapting to New Learning Technologies that Work for the Soldiers
- “Learning at the Point of Need”

★ Network Security

- Fine-grained authentication and access controls
- Systematic Way to Determine & Deter Information Risks (L-M-H)
- Applying the Right Level of Security

★ CAC PKI Usability & Reliability

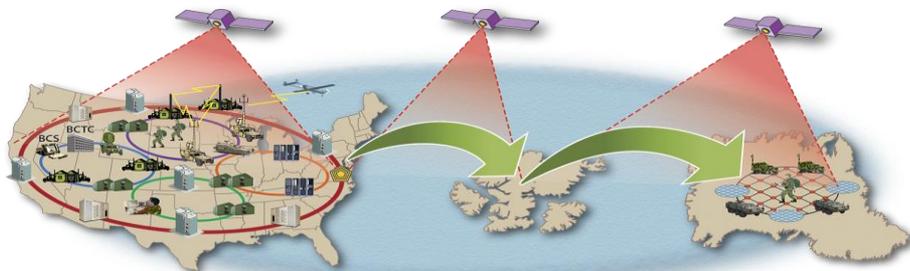
“It’s About Connecting Soldiers to Digital Applications in an Affordable, Convenient Way Because That’s How They Learn and Because That’s How They’ll Fight.”

--The 37th



Why Go To A Global Network

- ★ Deliver and Enhance Mission Command Capabilities
- ★ Innovative 21st Century Training
 - Provisioning Mission Command Applications from the Cloud to Extend to Posts/Camps/Stations
 - Soldiers can Train anywhere...in Classrooms, Motorpools, etc... on the Applications They will Fight with
- ★ Improve Network Security and Information Protection



80% CONUS-Based Army;

- Must Train as We Fight
- Little to no Notice
- To any Austere Environment



Network Lines of Effort

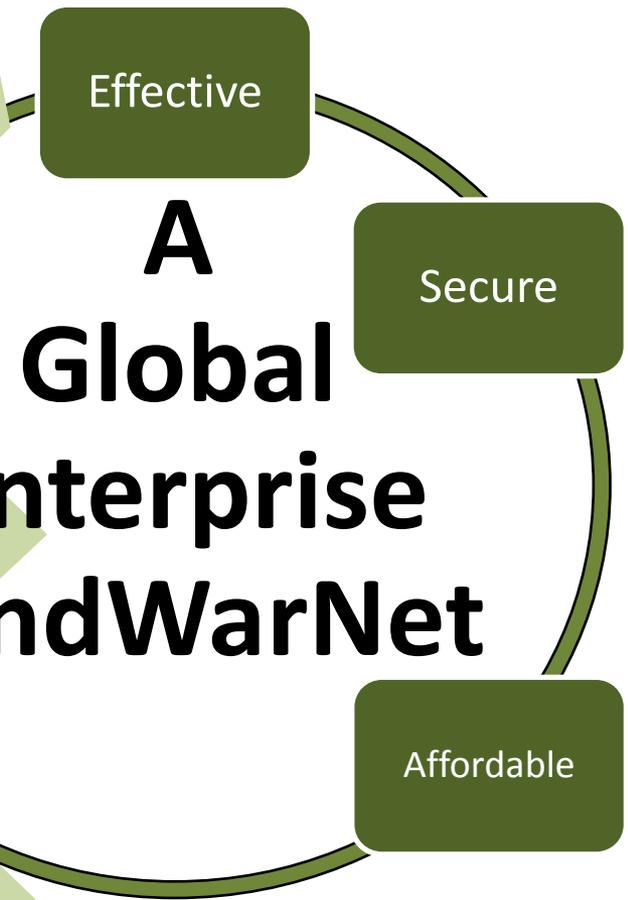
- LOE 1**
 - Enterprise Email
 - Army Data Center Consolidation
 - Enterprise Collaboration Services
 - Standardized IT Baseline
 - IT Asset Management
 - Information Assurance
 - IA Workforce
- LOE 2**
 - Standardized Computing Environments
 - Technical Standards & Architecture
 - Application Migration/Virtualization
- LOE 3**
 - Agile IT Acquisition
 - Network Integration Evaluations
 - Streamline Regulations
 - IT Governance Forums
 - IT Compliance -ARFIT

Improve Network Security & Information Protection

LOE 1: Provide Applications, Data & Services From the Enterprise

LOE 2: Establish a Common Operating Environment for the Network

LOE 3: Execute Sustainable Network Modernization



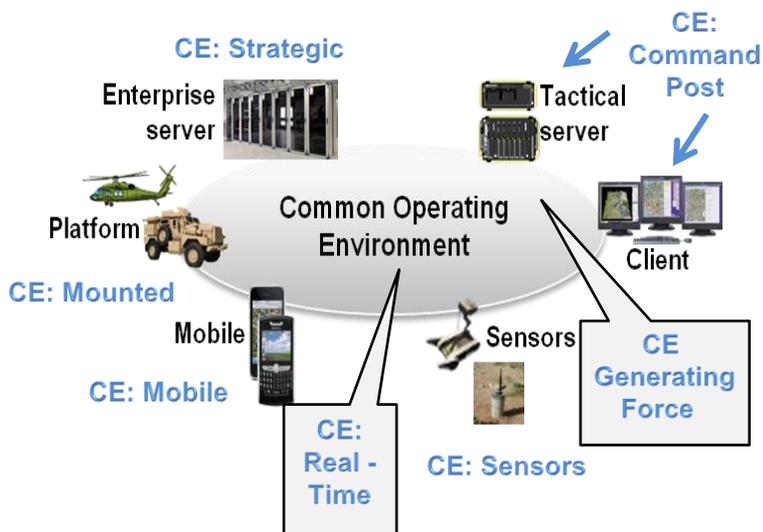


Common Operating Environment...

"The Big Game Changer"



Stringent Technical Standards for both Network Infrastructure and Applications



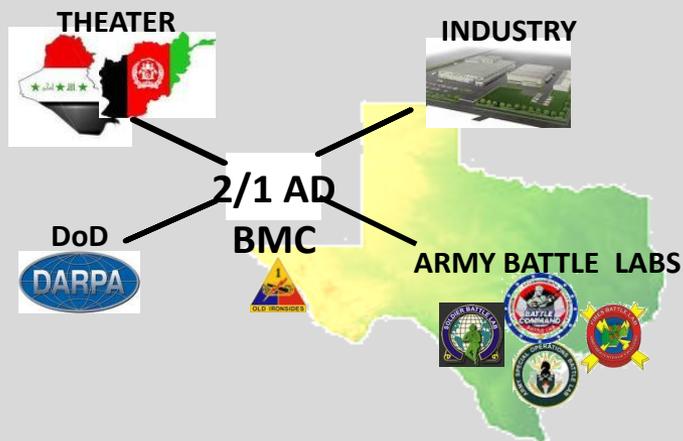
- ★ Reduces Redundant Fieldings Across Programs (e.g., MTS and FBCB2 Both Fielding GPS Systems When one Suffices)
- ★ Reduces Integration Complexity (e.g., MRAP and Stryker Vehicles – Today each Application has its Own Hardware – Need One Computing Environment For Vehicles that All Applications Can Operate on)
- ★ Aligns PEOs to Provide Products Across Programs (i.e., PEO Soldier Provides Mobile/ Handheld Devices to all PEOs/PMs)

- ★ Directs Integration of Multiple Applications/ Mission Command Systems on Single Hardware Platforms
- ★ Changes the Way we Field Applications (Apps Store, Faster, Cheaper, Pulled – not Pushed)
- ★ Leverages More COTs and Emerging Technologies by Using Control Point Testing vice Complete Systems Test (Key to Network Integration Evaluations)





What Fort Bliss Brings to the Game



- Network Evaluation and Testing in a Fully Loaded Operational Network Environment with Operational Forces
- Disciplined Entry Point for New and Emerging Technologies

- Standard, Repeatable Network Modernization Capability
- Provides Continuous Assessment and Feedback
- Informs Decision Making, Architectures, Doctrine, Policies, etc...

Taking the integration burden off of the operating force and putting it back on the generating force



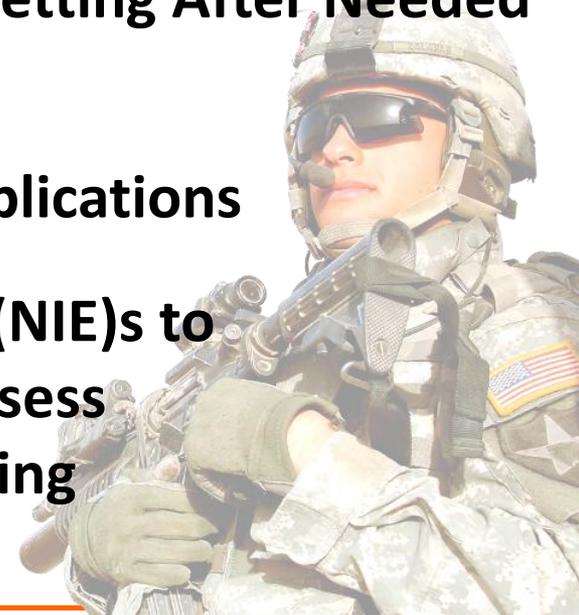


Take Aways...

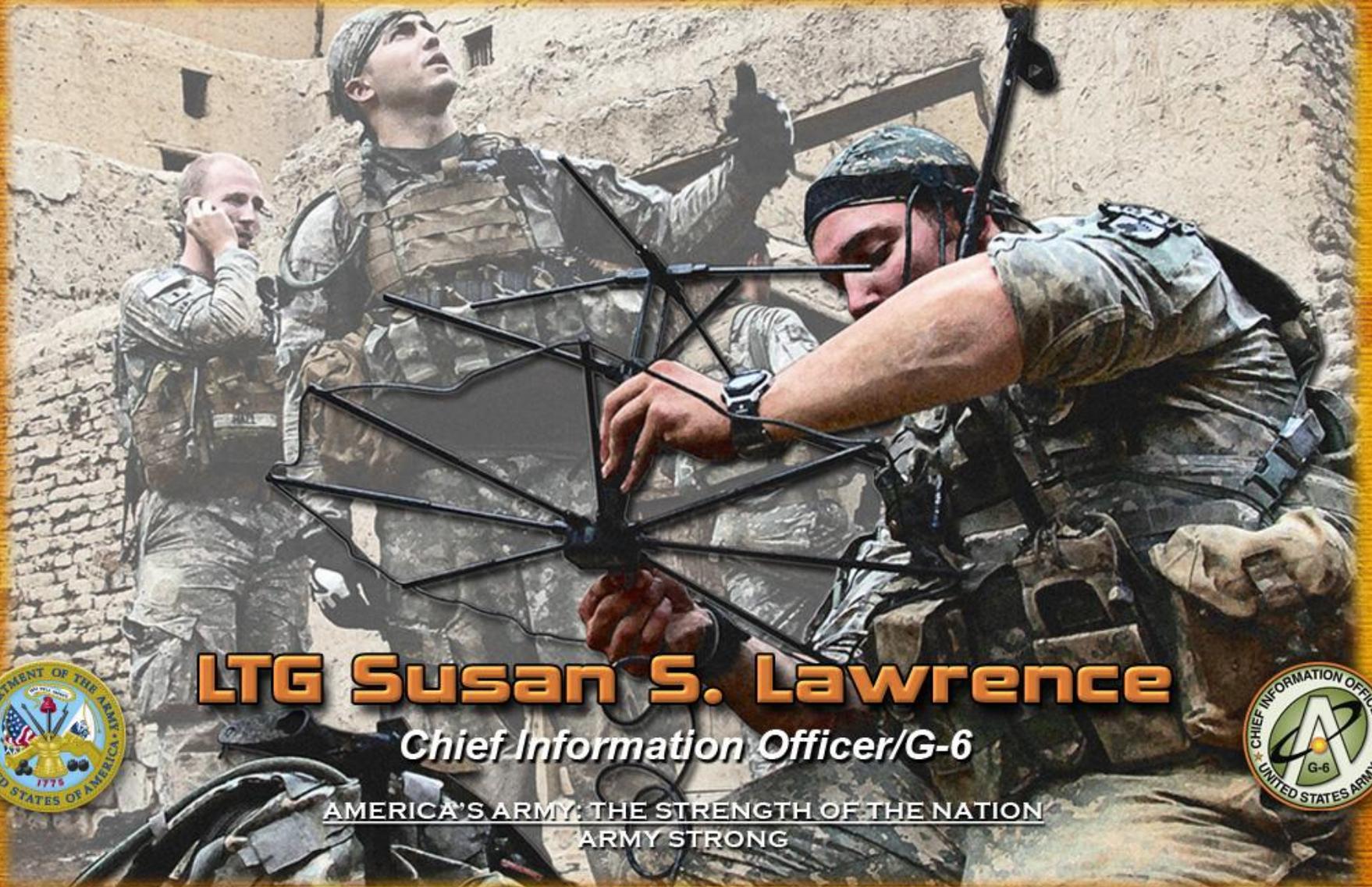
The Network is Essential to a 21st Century Expeditionary Army

Transforming LandWarNet to an Enterprise Network – A Single, Secure, Standards-Based Network

- ★ Provisioning “The Network” to support all Operations, Enabling Expeditionary Employments and Quality Campaigns
- ★ Pursuing Critical Initiatives to Build an Enterprise Capability
- ★ Improving Warfighting Effectiveness, While Getting After Needed Efficiencies
- ★ Ensuring Access and Availability of Digital Applications
- ★ Conducting Network Integration Evaluations (NIE)s to Enhance to Enhance Technology Insertion, Assess Operational Impact and Inform Decision Making



QUESTIONS + THOUGHTS



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