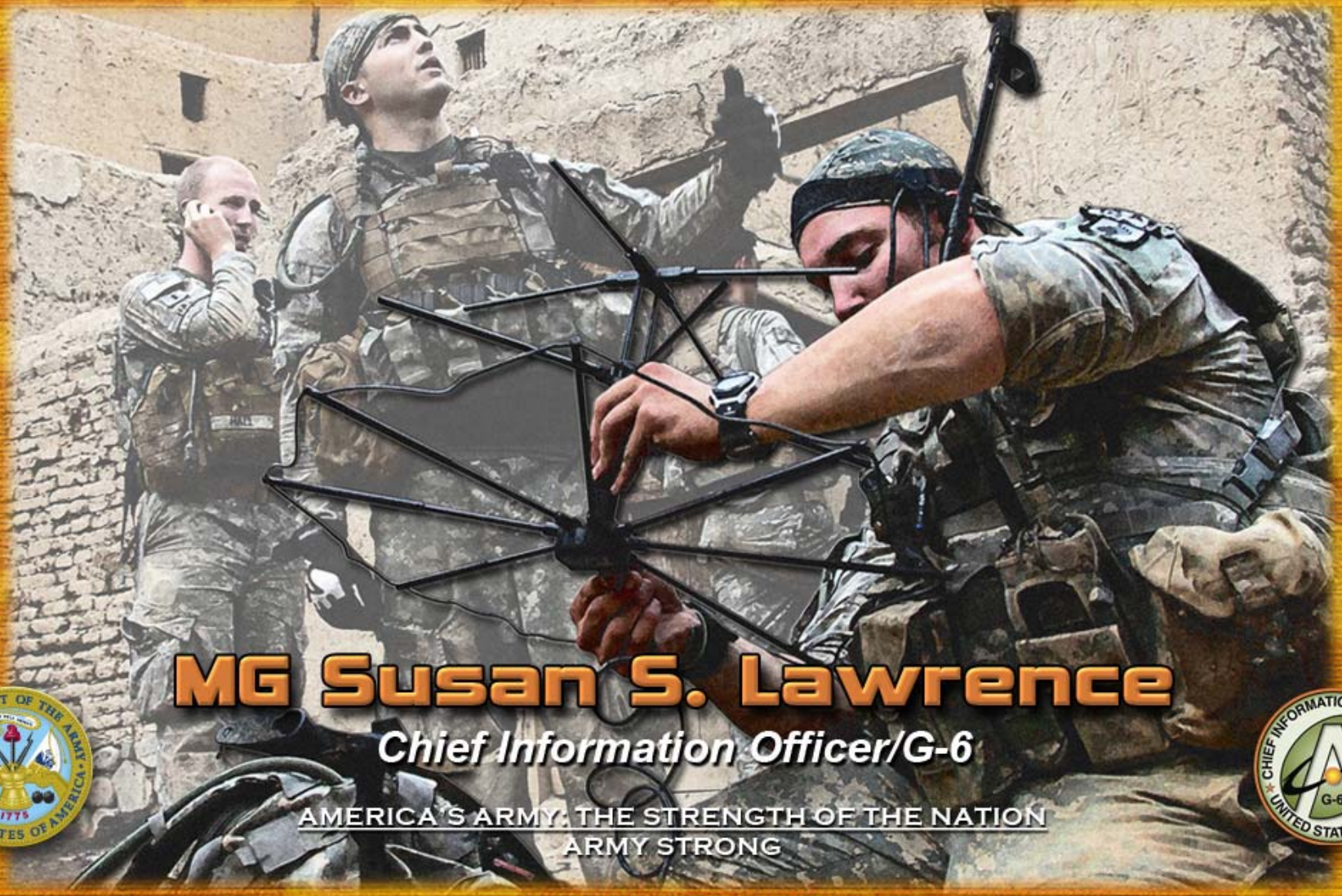
AFCEA NOVA Luncheon

Army's Strategic Vision for the Network



MG Susan S. Lawrence

Chief Information Officer/G-6

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

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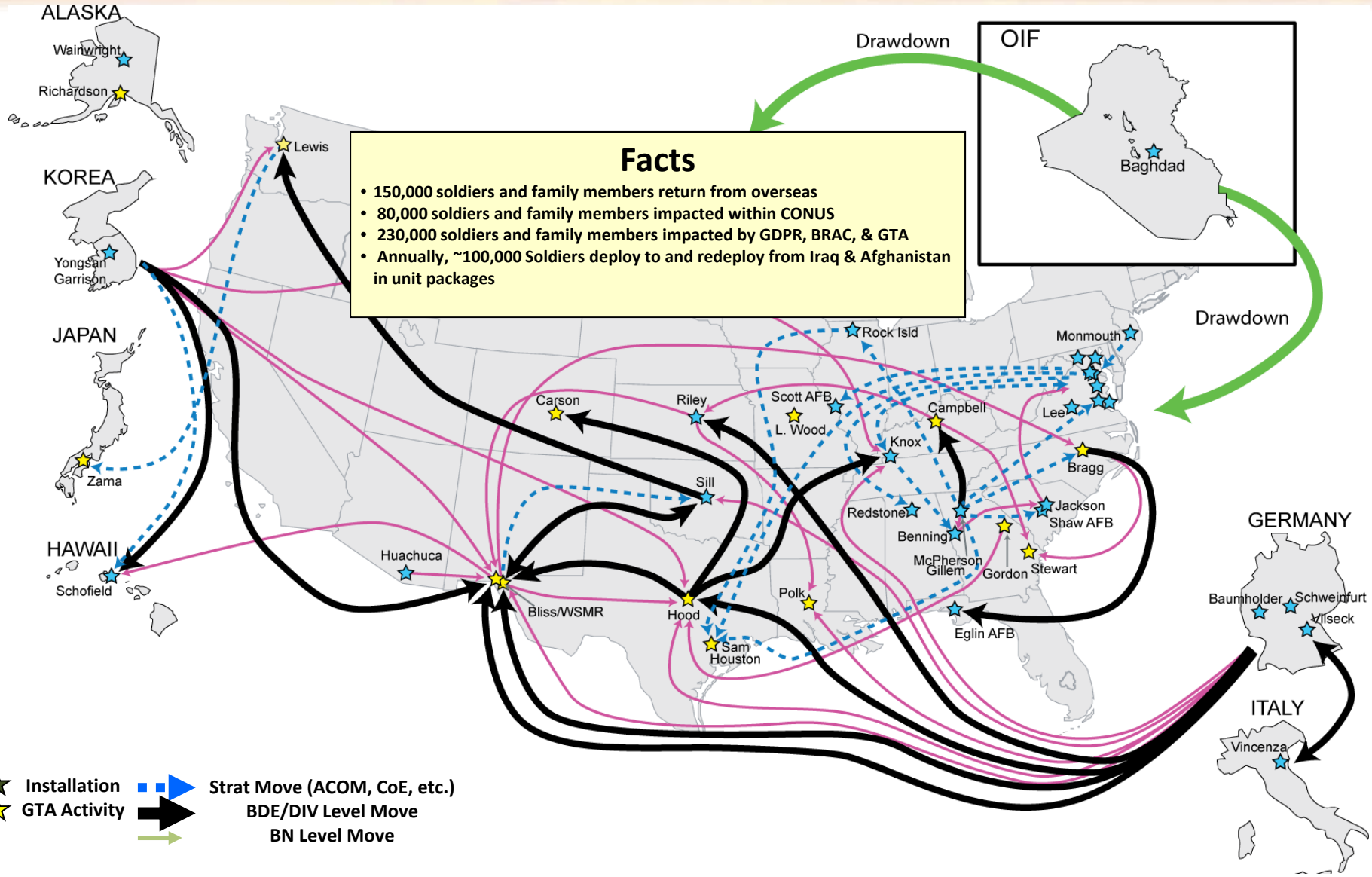
Agenda

- What's Driving Change – The Situation
- The Challenges & The Changes
- Strategic Vision - Network Transformation
- Take Aways
- Questions & Thoughts

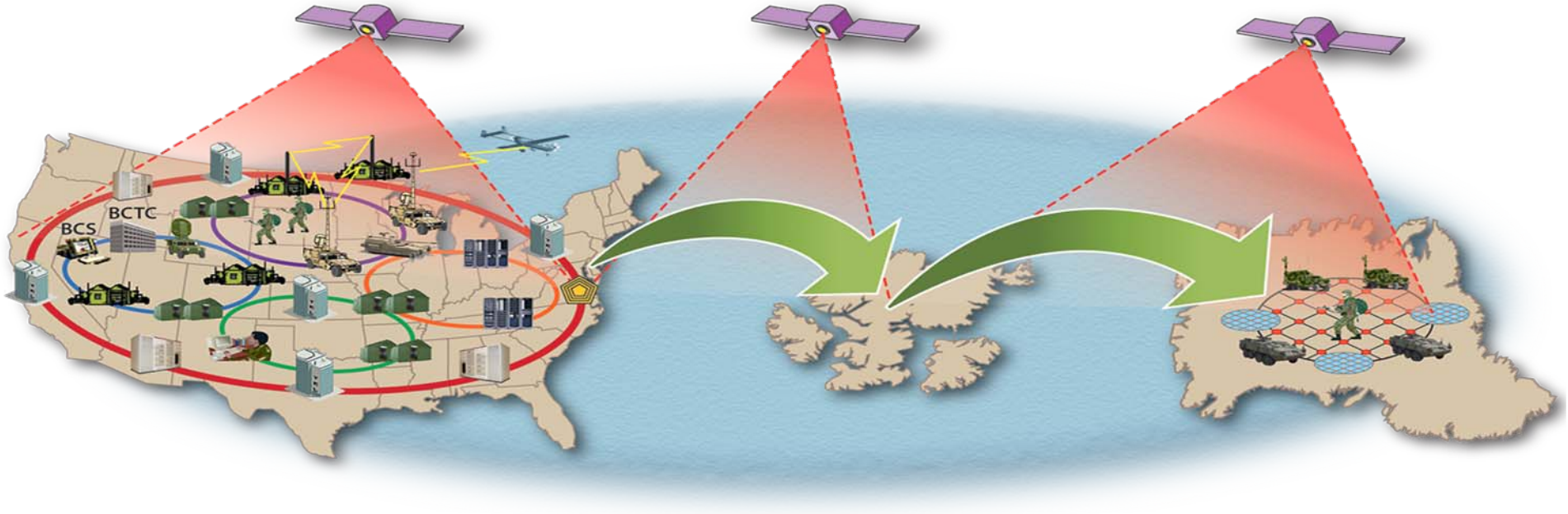
An Army On The Move



Facts

- 150,000 soldiers and family members return from overseas
- 80,000 soldiers and family members impacted within CONUS
- 230,000 soldiers and family members impacted by GDPR, BRAC, & GTA
- Annually, ~100,000 Soldiers deploy to and redeploy from Iraq & Afghanistan in unit packages

CONUS Based & Expeditionary

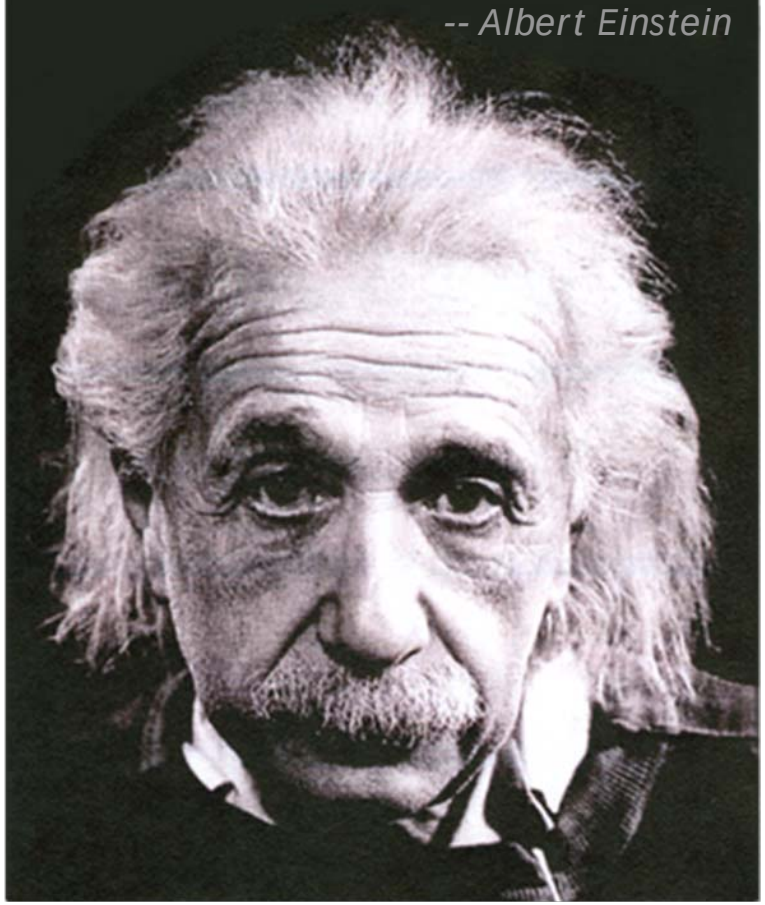


"We're building an Army that is a versatile mix of *tailorable* and *networked* organizations operating on a *rotational basis* … to provide a *sustained flow* of trained and ready forces for *full spectrum operations* … and to hedge against *unexpected contingencies* … at a tempo that is predictable and sustainable for our *all-volunteer force*." – Chief of Staff Army, 6 Apr 2010

The Challenges

"Insanity: Doing the same thing over and over again and expecting different results."

-- Albert Einstein



OLD THINK

- We're Over-Spending
- Duplicating Efforts
- Increasing Risk for Network Vulnerabilities
- Non-Standard Network Tools
- Stove-Piped IT Enclaves
- Help Desks at Every Installation
- Multiple Contracts for IT Services, Hardware Maintenance & Software Licenses
- Individual Software Licenses vs Enterprise Licensing Agreements

We Can't Afford to Have Everyone Stand up Their Own Network

The Changes

It's More Than Just Savings:

- ✓ *Increased Security*
- ✓ *Increased Network Agility*
- ✓ *Rapid IT Modernization*
- ✓ *Reduced Operational Risk*
- ✓ *Improved Collaboration & Situational Awareness*

NEW THINK

- Operationalize LandWarNet
- One Army Network Approach - Network Integration
- Achieve Enterprise Efficiencies; While Maintaining Warfighter Effectiveness
- Incremental Approach to Modernization with "Capability Sets" – Buy Less, More Often
- Dramatically Improve Network Defense
- Deploy in Any Joint, Interagency, Intergovernmental, and Multinational (JIIM) Environment

One of the Biggest Difficulties is Changing Our Collective Behaviors, Perceptions, and Attitudes or Said Another Way…Our Culture.

Army Network Transformation

Change is Good…You First!!

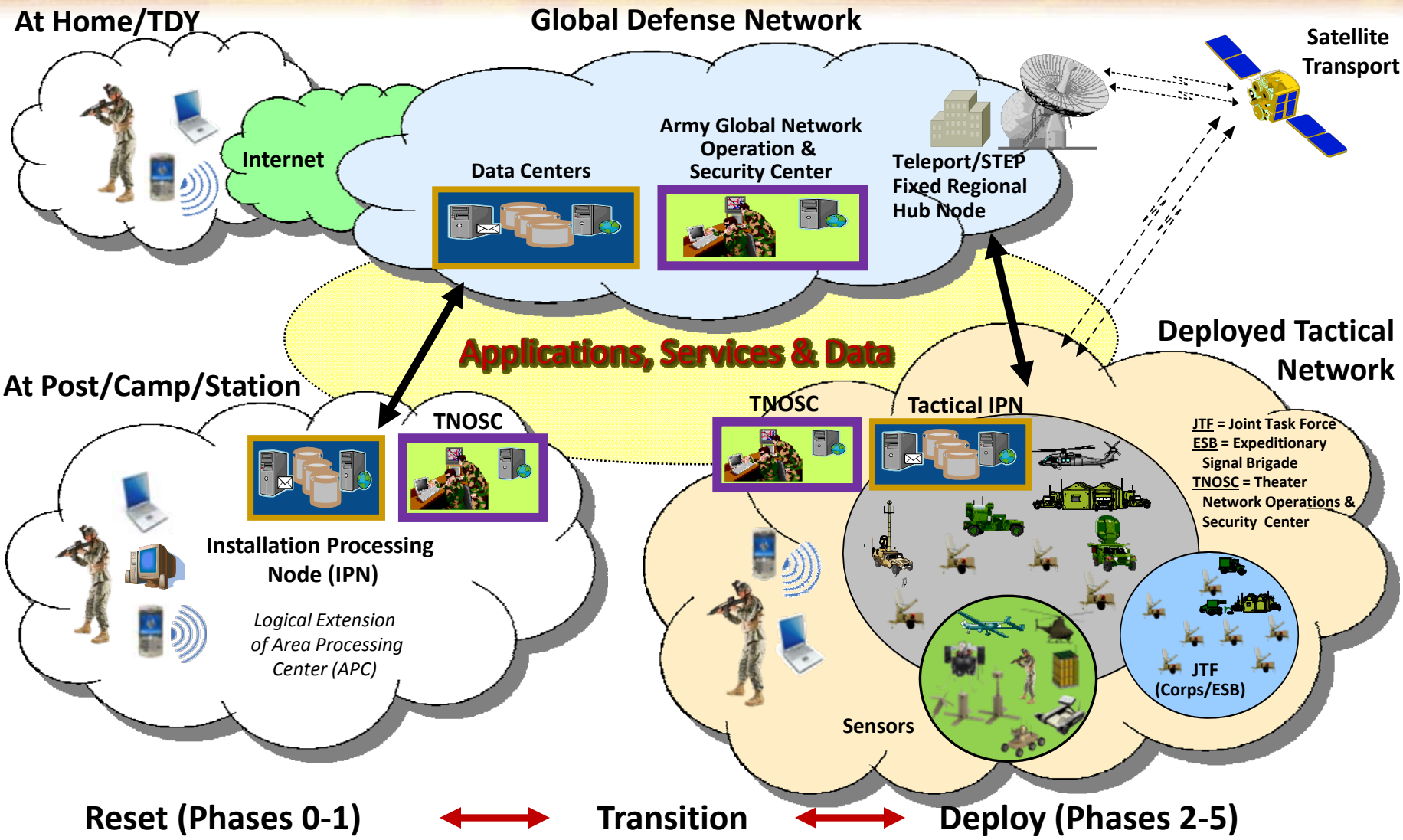
Army's Strategic Vision for the Network

The network is the Army's number one modernization effort.

The Army's portion of the DoD network, **LandWarNet**, must be able to provide Soldiers, Civilians and mission partners the information they need, when they need it and in any environment – from the Garrison to the Tactical Edge. To do so, it **must be a completely integrated and interoperable network, from the highest to the lowest echelon, <u>forming a true enterprise network</u>**.

- 2011 Army Posture Statement

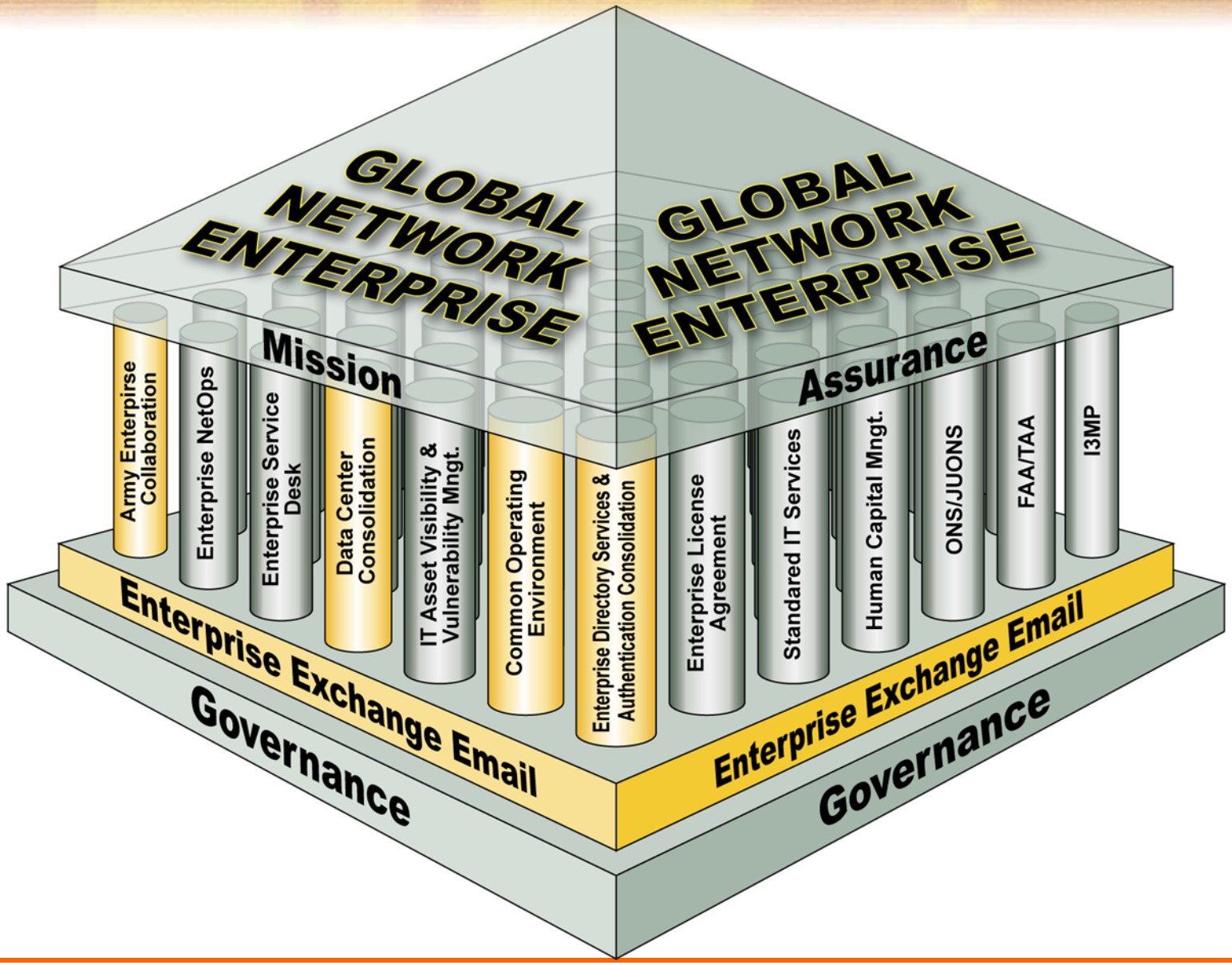
The Network



Reset (Phases 0-1) ⟷ Transition ⟷ Deploy (Phases 2-5)

Always Accessible by the Soldier

Enterprise Network Priorities



Supporting Army Force Generation Process - ARFORGEN

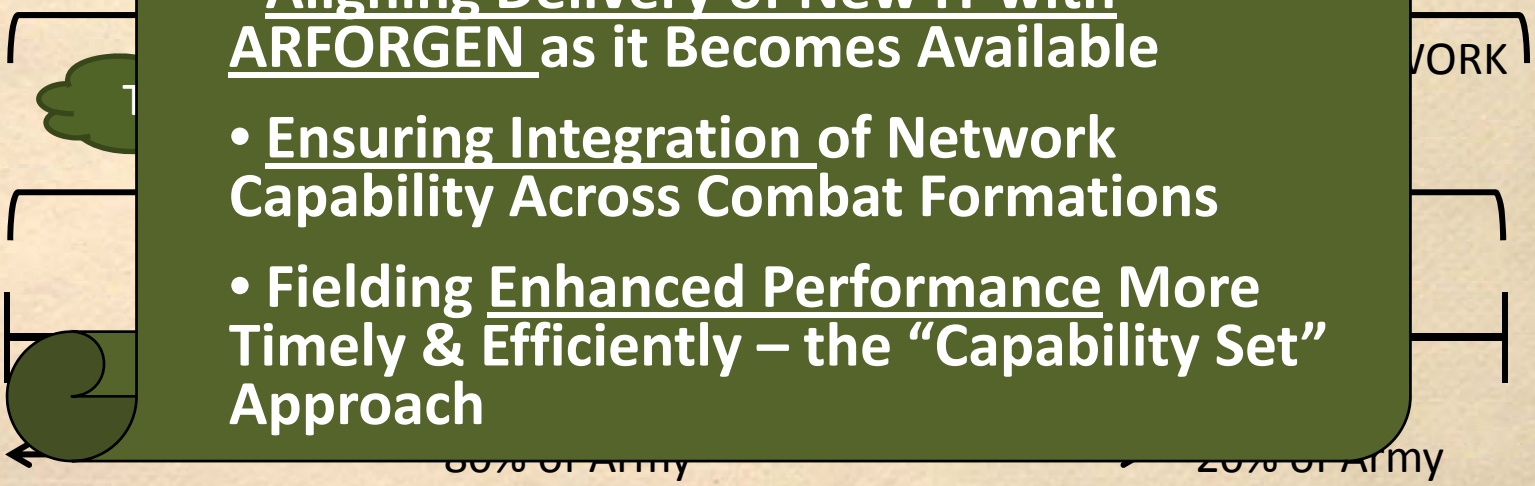
Imperatives t

- Single ID
- Single Net
- Train as W
- Deploy An
- Dramatica

2011 Army Posture Statement

The Army is Changing the Way it Supplies Network Systems & Capabilities to Operational Units :

- **Using an Incremental Approach to Modernization**
- **Aligning Delivery of New IT with ARFORGEN as it Becomes Available**
- **Ensuring Integration of Network Capability Across Combat Formations**
- **Fielding Enhanced Performance More Timely & Efficiently – the "Capability Set" Approach**



ARFORGEN CYCLE

Our Industry Partners - How You Can Help

THANK YOU FOR SUPPORTING AMERICA'S MOST PRECIOUS RESOURCES: HER SONS & DAUGHTERS AND FOR YOUR SERVICE TO OUR GREAT NATION

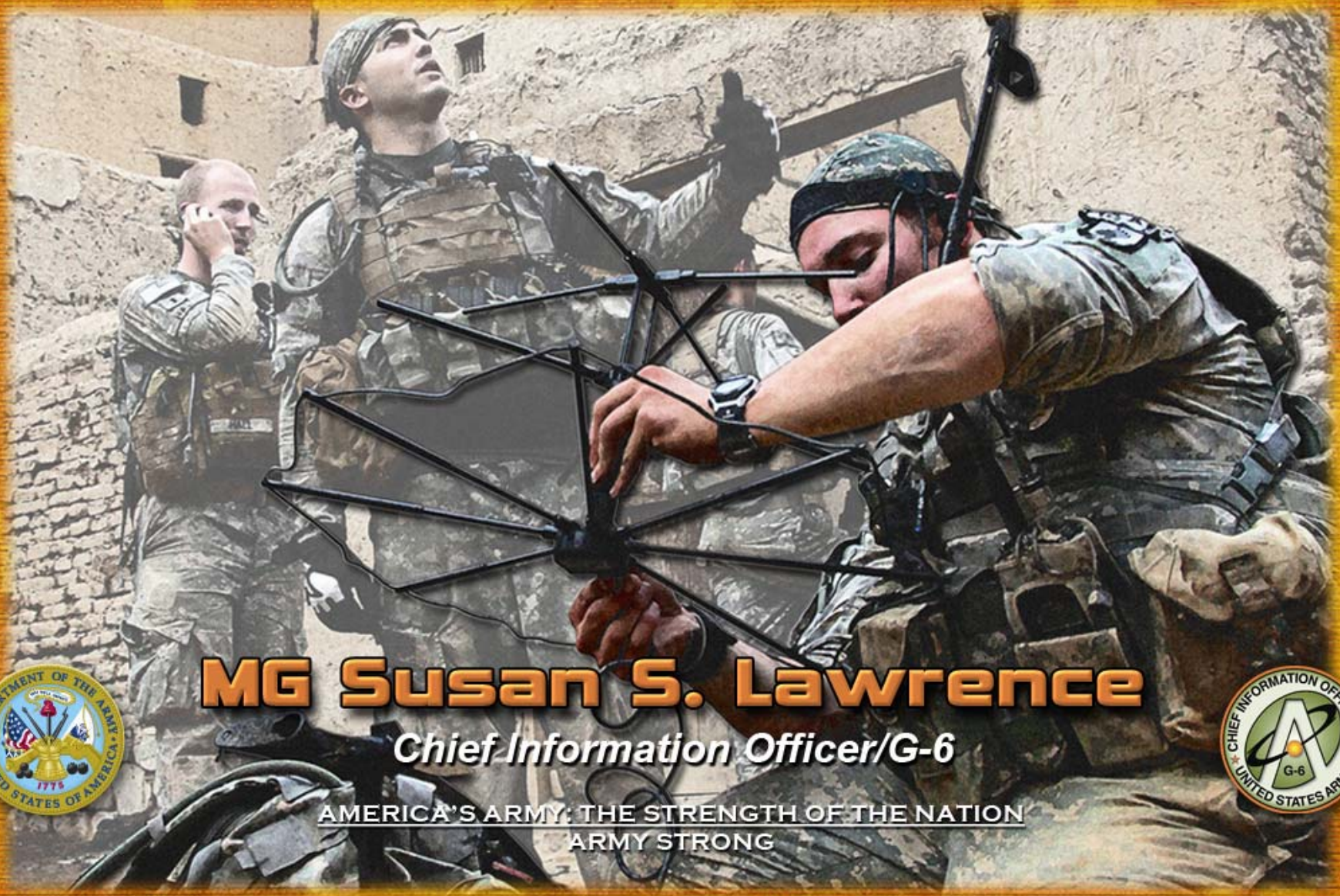
- Share Experiences & Lessons Learned From Your Corporation's Move to an IT Enterprise
- Help us Set the Conditions and Achieve Our Desired End-State
- Partner with us to Figure Out How to Manage Intellectual Property & Monetize Applications
- Participate in Army Industry Demonstrations at Fort Bliss
- Let us Know How We are Doing by Emailing us at: CIO.G6@US.ARMY.MIL
  We Value Your Expertise & Ideas…Frankly, We Need You

Take Aways

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

- **Army Getting After Needed Efficiencies, While Ensuring We Maintain Warfighting Effectiveness**
- **Procuring Systems & Applications that are Decoupled from Data, are Interoperable, and Make Efficient use of Scarce Network Resources**
- **We are Synchronizing Network Integration Efforts**
- **Establishing Real-Time Systems Engineering & Testing for Operational Network – Both in Lab Environment & with the AETF**
- **Conducting Industry Demonstrations Using AETF to Enhance Rapid IT Modernization & Technology Insertion**
- **Shortening Cycle Time of the Army's IT Requirements Acquisition Processes**

QUESTIONS + THOUGHTS



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