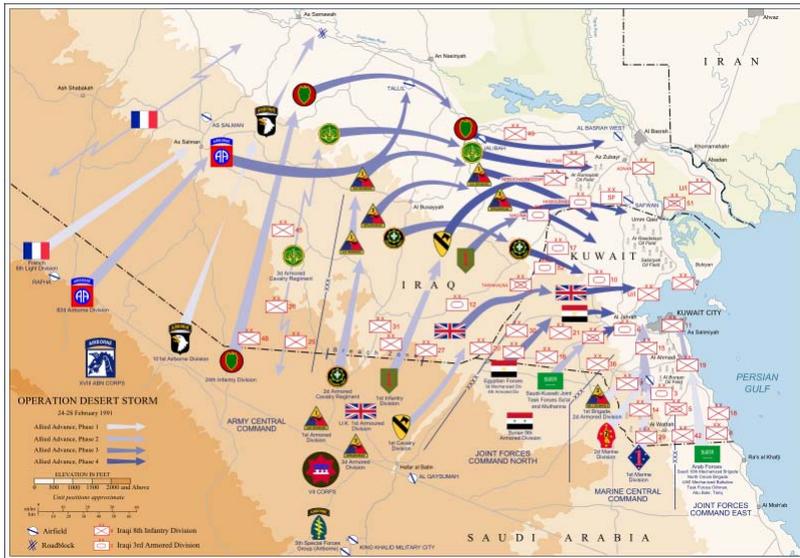




# μCyber

# Combined Arms Maneuver

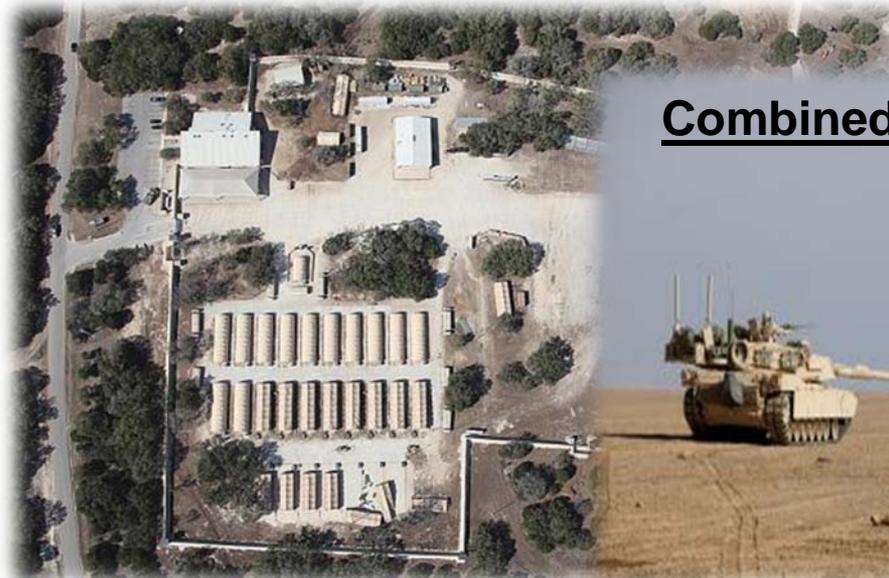


## Operation DESERT STORM

# Today's Design

- *Support Combined Arms Maneuver*
- *Theater Centric*
- *Battalion level support*

## Wide Area Security



## Combined Arms Maneuver

# Tomorrow's Design

- *Provide support to Company and Below*
- *Operate and Defend 24/7 "Network"*



# Today



9 Soldiers

Manpower Intensive: 9 Soldier JNN team with LOS



16Mbps  
Weight: 9,240lbs



4 Mbs w/2.4m dish  
Weight :3,900lbs



16Mbps  
Weight: 8,673lbs



Voice and Limited Data capability

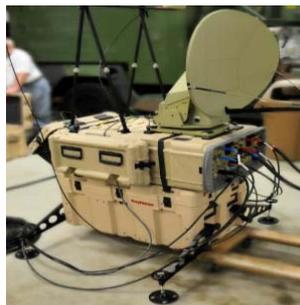
S  
W  
A  
P  
-  
C

S  
W  
A  
P  
-  
C



4 Soldiers

Smaller Teams: ability to provide more packages



100Mbps  
Weight: 636lbs



4Mbps/.9m dish  
Weight: 36lbs

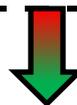


32Mbps  
Weight 30lbs



Voice, Data, GPS, BFT, & APPS capable networking handhelds

# $\mu$ Cyber



# FULL SPECTRUM SUPPORT

## Signal Provides:

- *TROJAN (TS)*
- *Coalition (CENTRIX)*
- *Logistics (CSS VSAT)*
- *HLD (Commercial Internet)*
- *Battle Command on the Move (BCOTM)*

	TODAY	WIN-T Inc 2	<i>μCyber</i>
ARFORGEN	34%	34%	98%
Capability Gaps			
TROJAN (TS)			
Coalition (Centrix)			
VTC			
Black Core			
Sensor			
GBS			
CP Coverage			
LOS			
BCOTM			
CND			
SATCOM			
NETOPS			
HLD/JIIM			





**Acquisition: “Formalizing the process that we’ve been using for the past 9 years”**

- Approved product list
- Tech refresh
  - a) Unit buys
  - b) Army buys (3yr)
- Constant, like computer buys today
- Minimal GOTS (mostly for security)
- Supports the G3 and G8 Army Network Modernization Strategy

# Enlisted /Warrant MOS

## Transformation- Getting it done

CMF 25 Enlisted MOS  
- 13 unique skill sets -

25B	25P
25C	25Q
25F	25R
25L	25S
25M	25U
25N	25V
25E	

-Education  
-Theory Based  
-Transferable Skills  
-Apps

**No  
Change  
in # of  
Soldiers**

CMF 25 Enlisted MOS Transformation  
- 7 unique skill sets -

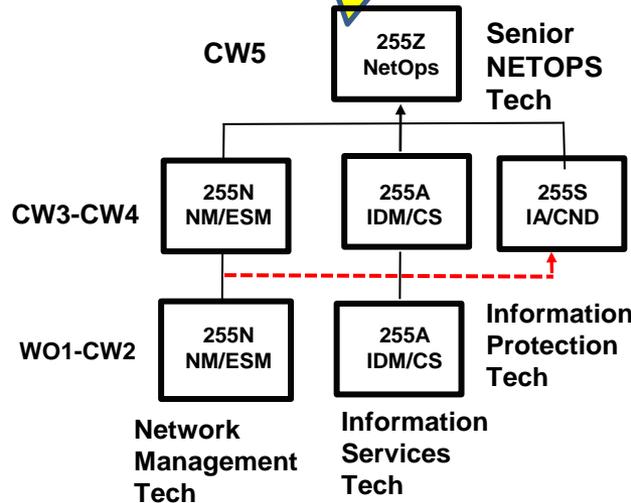
Accessed at E1

- (1)25? Network Support
- (2)25? Transmission
- (3)25? Network Operations
- (4)25? VI Operator-Maintainer
- (5)25? VI Ops

Accessed at E6

- (6)25? Network Defender
- (7)25E Electro-Magnetic Spectrum Operations

Warrant MOS  
Transformation FY12



# What's Next?

- **Current:**

- **Redesign ESB to *ESB-E*** 
- **Restructure Enlisted MOS to provide the “Multi-Disciplined Signal Soldier”** 
- **Restructure WO MOS to support the full Network Operations Construct** 
- **Redesign Training to an Educational Based Approach** 

- **What's Next?**

- ***Meet The Regiment's Mission in Cyberspace***

# Questions?



**1942:** *Prelude to War*

**1946:** *Seeds of Destiny*

**1948:** *Towards Independence*



**MG ALAN R. LYNN**



**United States Army Signal Center of Excellence**