

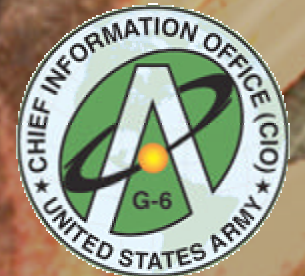
Interconnecting the Edges

***Boundaryless
Information
Flow***



BG(P) Dennis Moran

*Director of Information Operations,
Networks & Space / G-6*

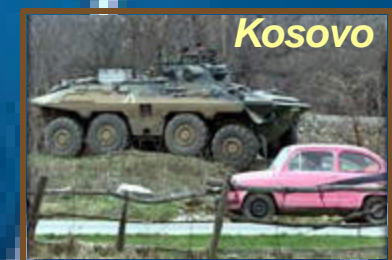




YOUR ARMY IS
AT WAR.....



.....AND TRANSFORMING ITSELF
FOR THE FUTURE





The Global C4 Challenge

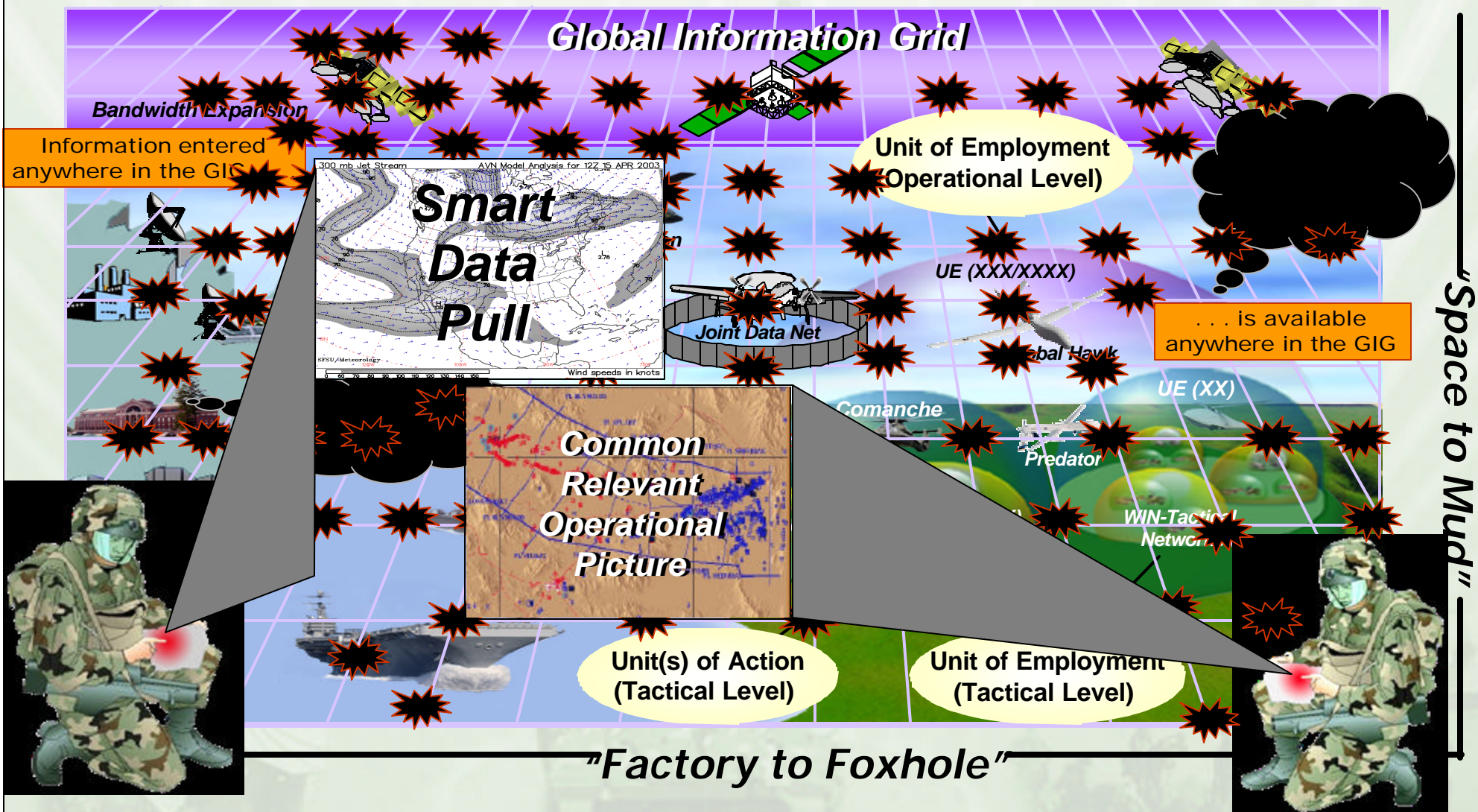


- Agile
- Deployable
- Flexible
- Modular
- Scaleable
- Balanced





Army Approach: "SEAMLESS INTEGRATION"



Sustaining Base



- **Army Knowledge Management (AKM)** – Strategy to

leverage real-time, network access to information

between Army missions and information systems for information support

- **Army Knowledge Enterprise (AKEA)** - Framework (regulatory) to guide investments, acquisitions, and

to achieve AKM objectives

investments, acquisitions, and achieve AKM objectives

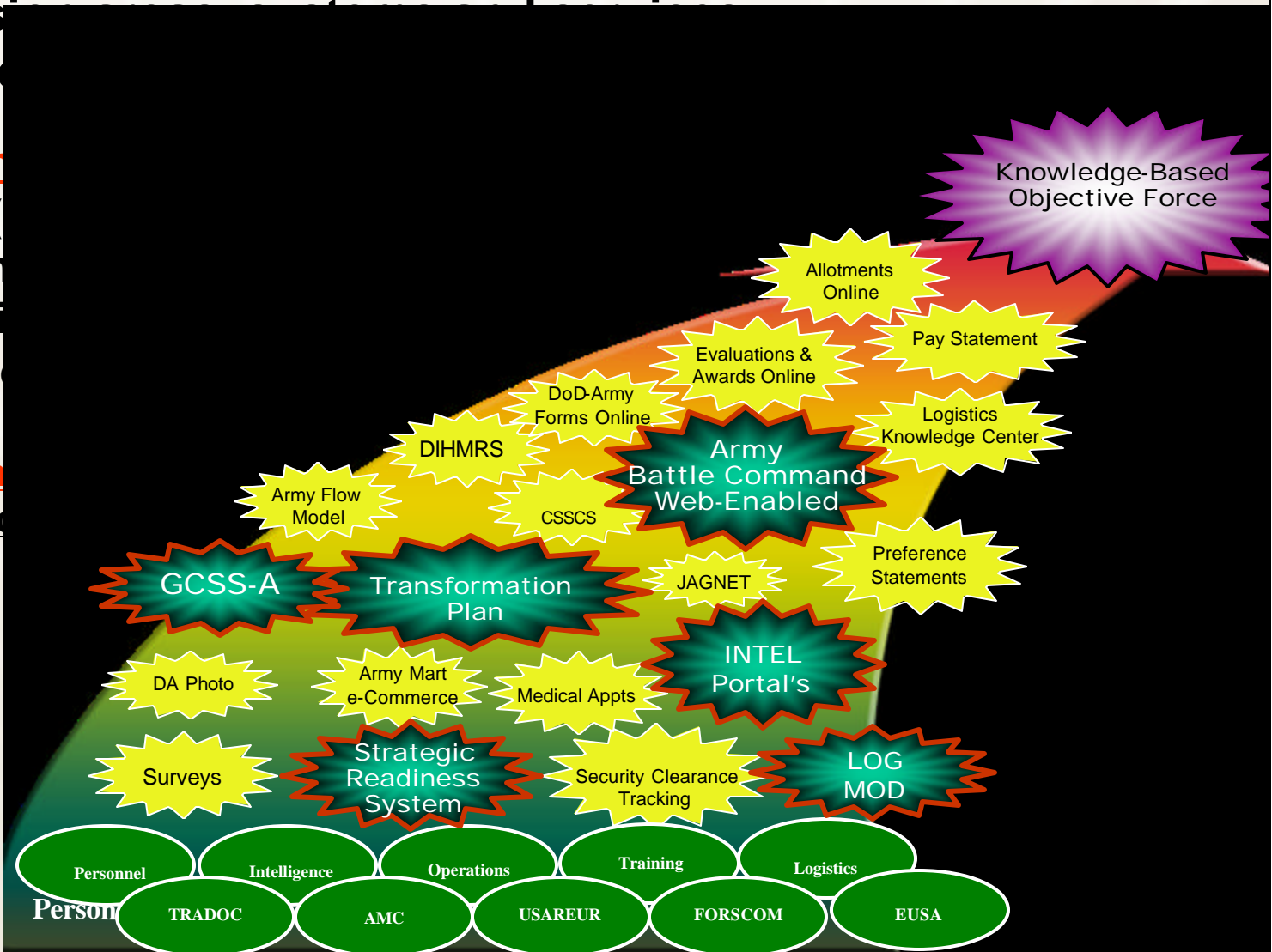
- **Army Knowledge Online (AKO)** - Army's single secure

website/portal providing

products and services

for users to accomplish

AKM objectives.





Knowledge Management Pillars

AKM

GOAL 1

GOAL 2

GOAL 3

GOAL 4

GOAL 5

GOVERNANCE

BEST PRACTICES

INFO-STRUCTURE

AKO

HUMAN CAPITAL

Initiatives

Enterprise Portfolio

Consolidation of Applications

One Army Network

Army Operations Portal

3rd Wave AKE Org Design

Rapid Resourcing Reallocation

Implement Knowledge Systems

Integrate Reserve Component

SRS Scorecard AKO BP

Human Resource Planning

Knowledge-Based Decision Support

Knowledge Sharing

Signal Force Structure

Scale AKO & AKO-S Domain Leverage

Professionalization of Workforce

Army Regulations & Policy Revisions

Collaborative Processes

NETOPS CONOPS Defense In-Depth

Networked KM Improve Cycle Time

Institutionalize AKM in Schoolhouses

AKM Strategic Communications Plan

Achieve eArmy Transformation

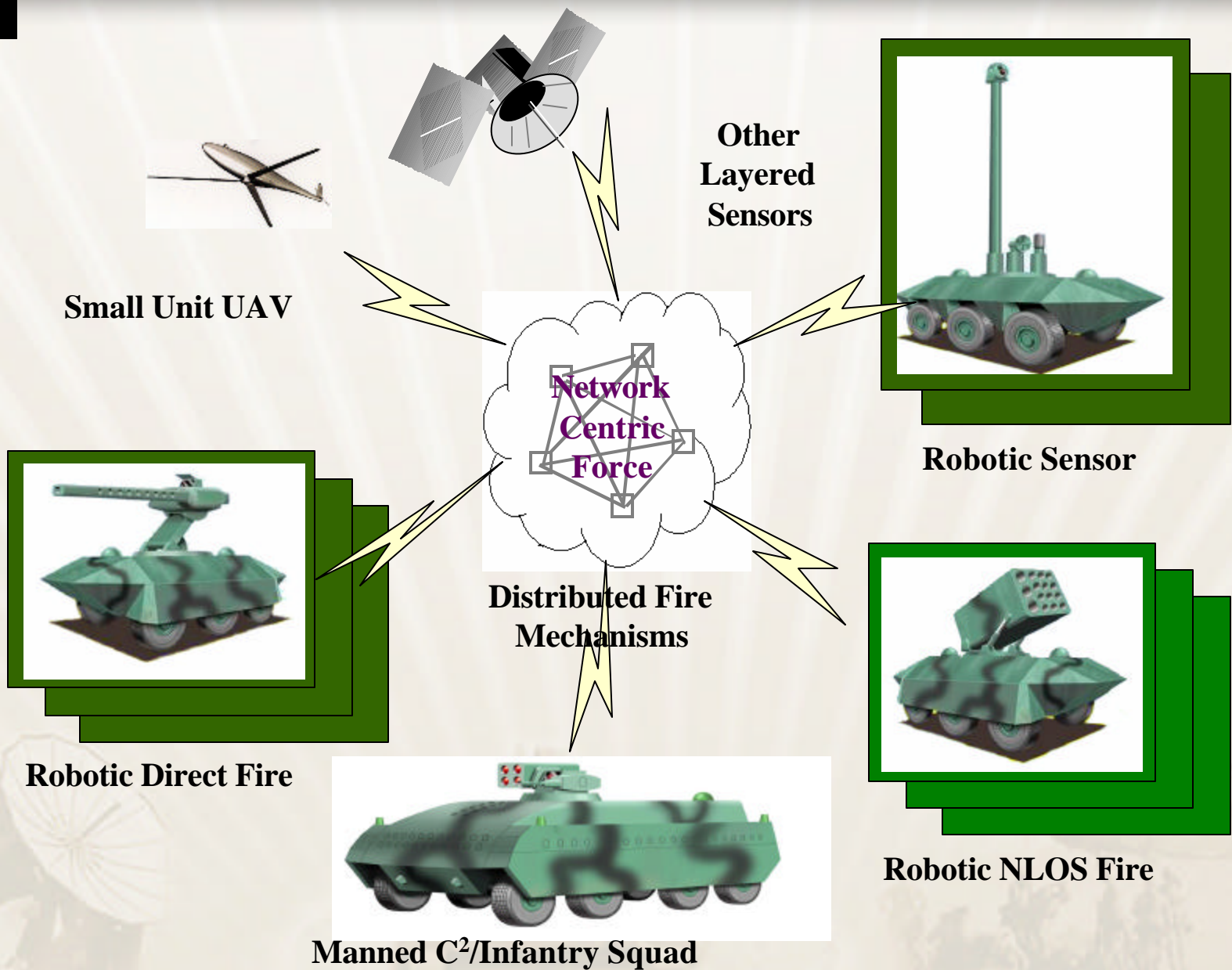
Server and Processing Center Consolidation

Improve Service W/ Dynamic Feedback

Information Operations Assets



Future Combat System Architecture



Future Combat System



2004-20XX

2008-20XX

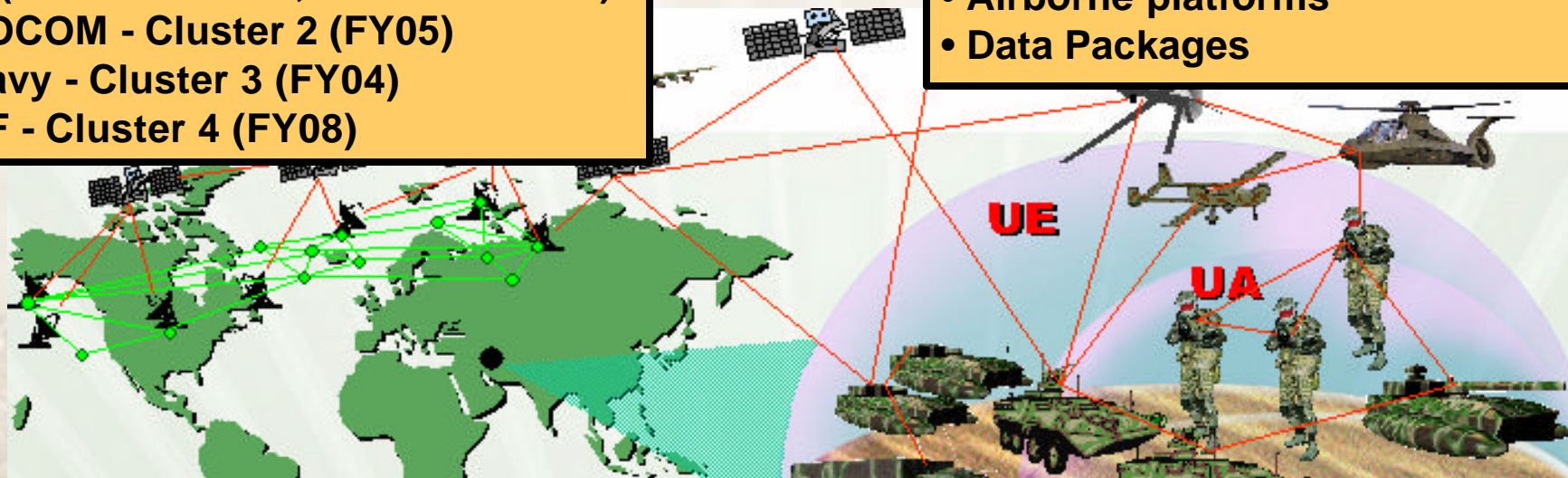
Joint Tactical Radio System (JTRS)

- Software defined waveforms
- Open standards Software Communications Architecture
- Modular, enabling add on capabilities/features
- Scalable, enabling additional capacity to be added later

- Army is lead Service for Cluster 1/5 (FY06 Cluster 1, FY08 Cluster 5)
- SOCOM - Cluster 2 (FY05)
- Navy - Cluster 3 (FY04)
- AF - Cluster 4 (FY08)

Warfighter Information Network – Tactical (WIN-T)

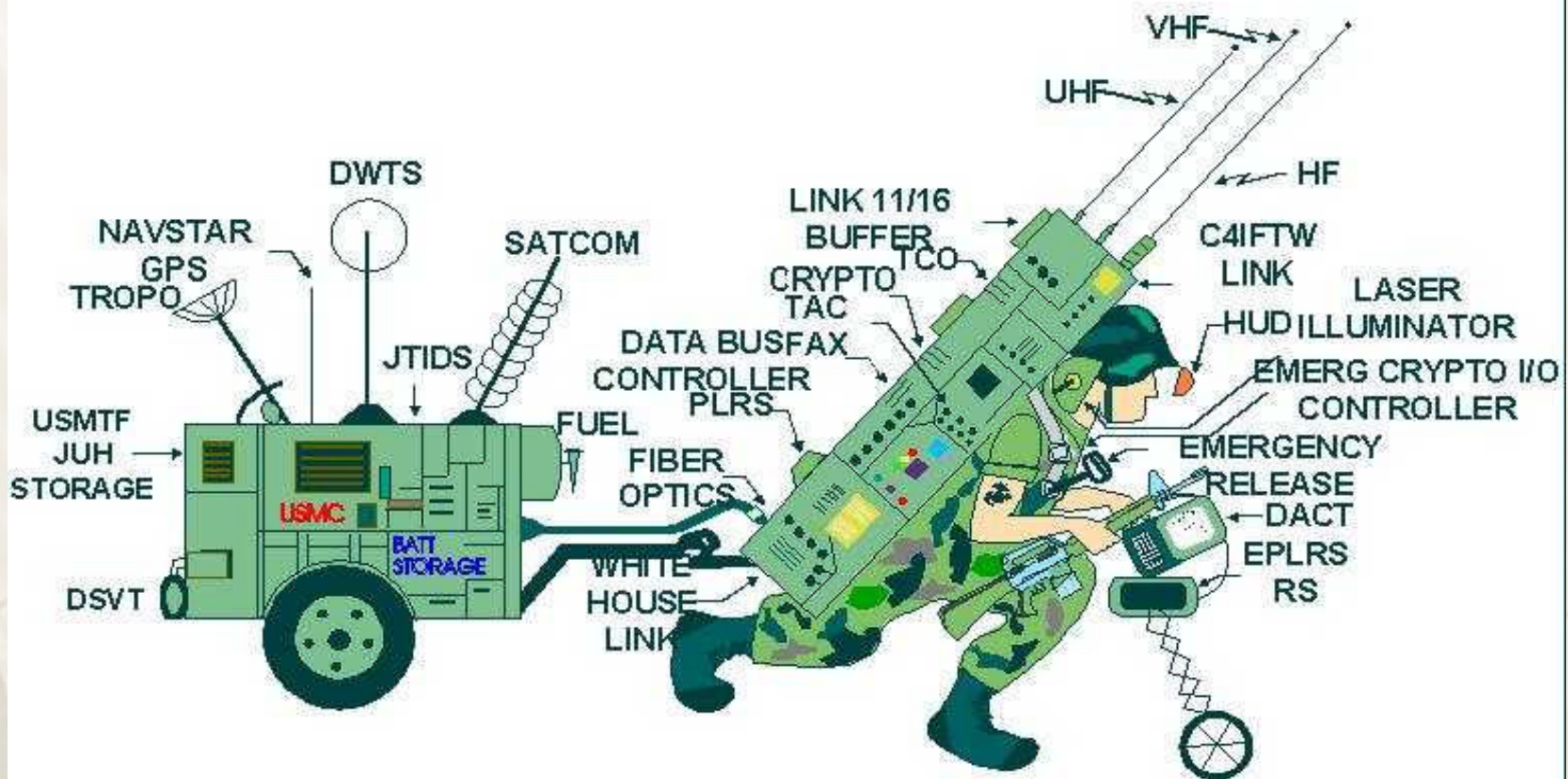
- Objective Force high-speed, high-capacity backbone Communications network
 - Integrated Network Operations
 - Tactical GIG Component
 - Army Battle Command Enabler
-
- Line of sight and Non-line of sight
 - Satellite/Space based platforms
 - Airborne platforms
 - Data Packages



Enablers for Future Combat System and Objective Force

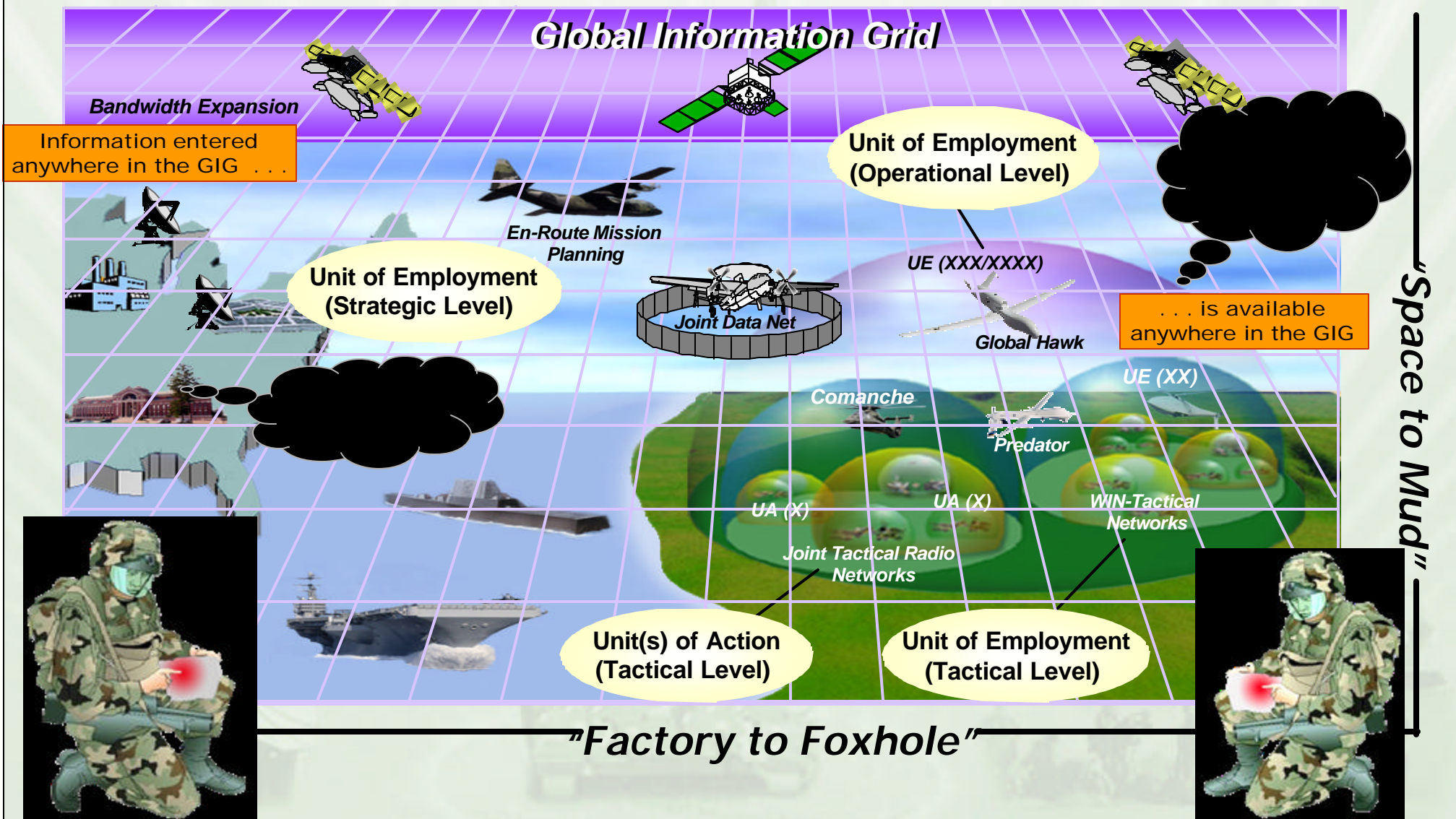


Then...Is This The Future?





Army Approach: "SEAMLESS INTEGRATION"





Factory to the Foxhole

***space
to
MUD***

Dennis.Moran@US.Army.mil
(703) 614-5666

