(UNCLASSIFIED)

Central Technical Support Facility (CTSF)

U.S. Army Materiel Command

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"Need to be faster, more agile, less bureaucratic - Need to fight this every day"

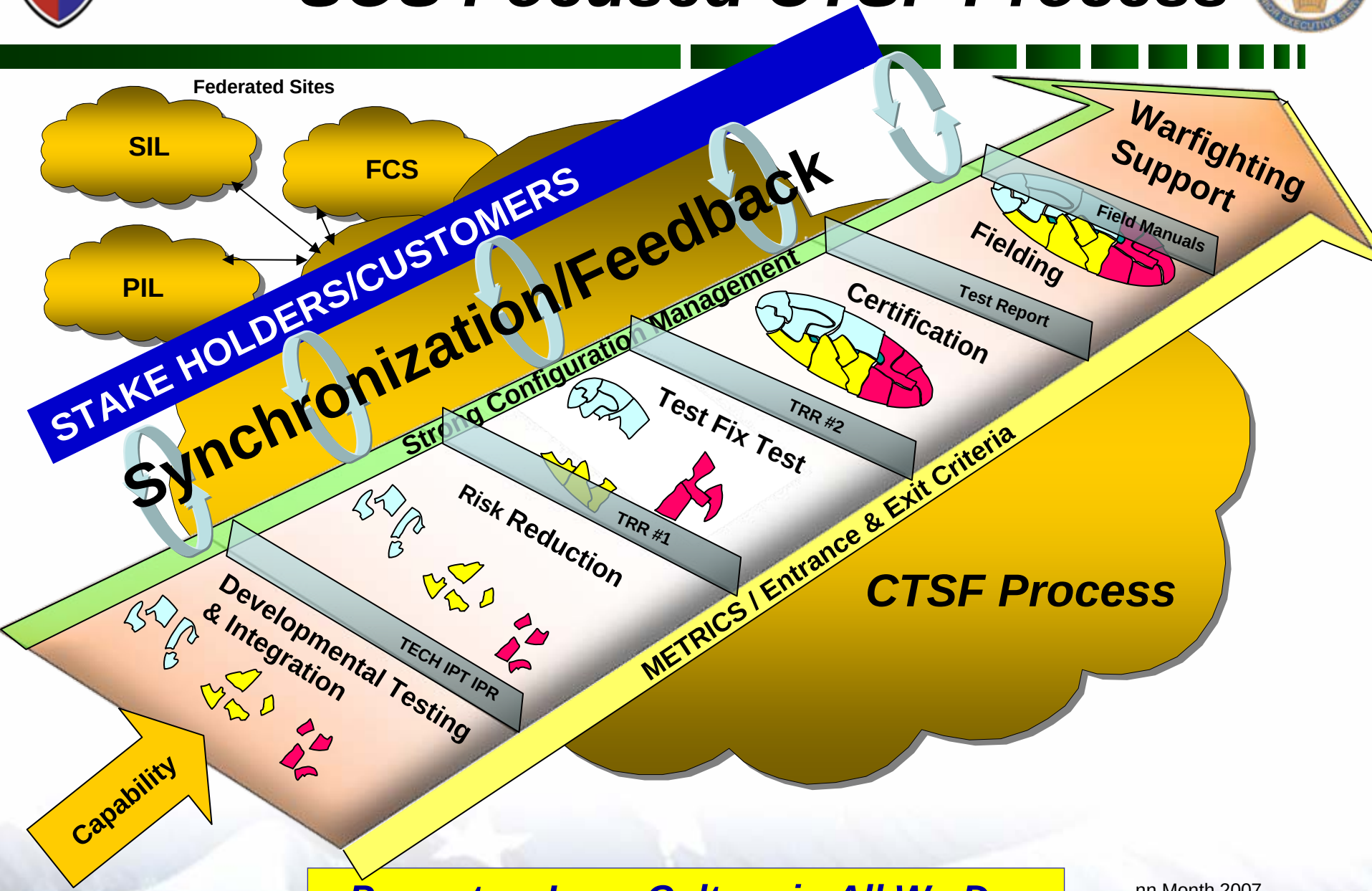
(UNCLASSIFIED)

CTSF Mission

The CTSF provides a unique, innovative, and scalable environment, with skilled and dedicated personnel, using qualified synergistic processes in order to support the DoD's net enabled strategic vision by executing configuration management, systems engineering support, and interoperability certification testing for Army and Joint C4I providers.

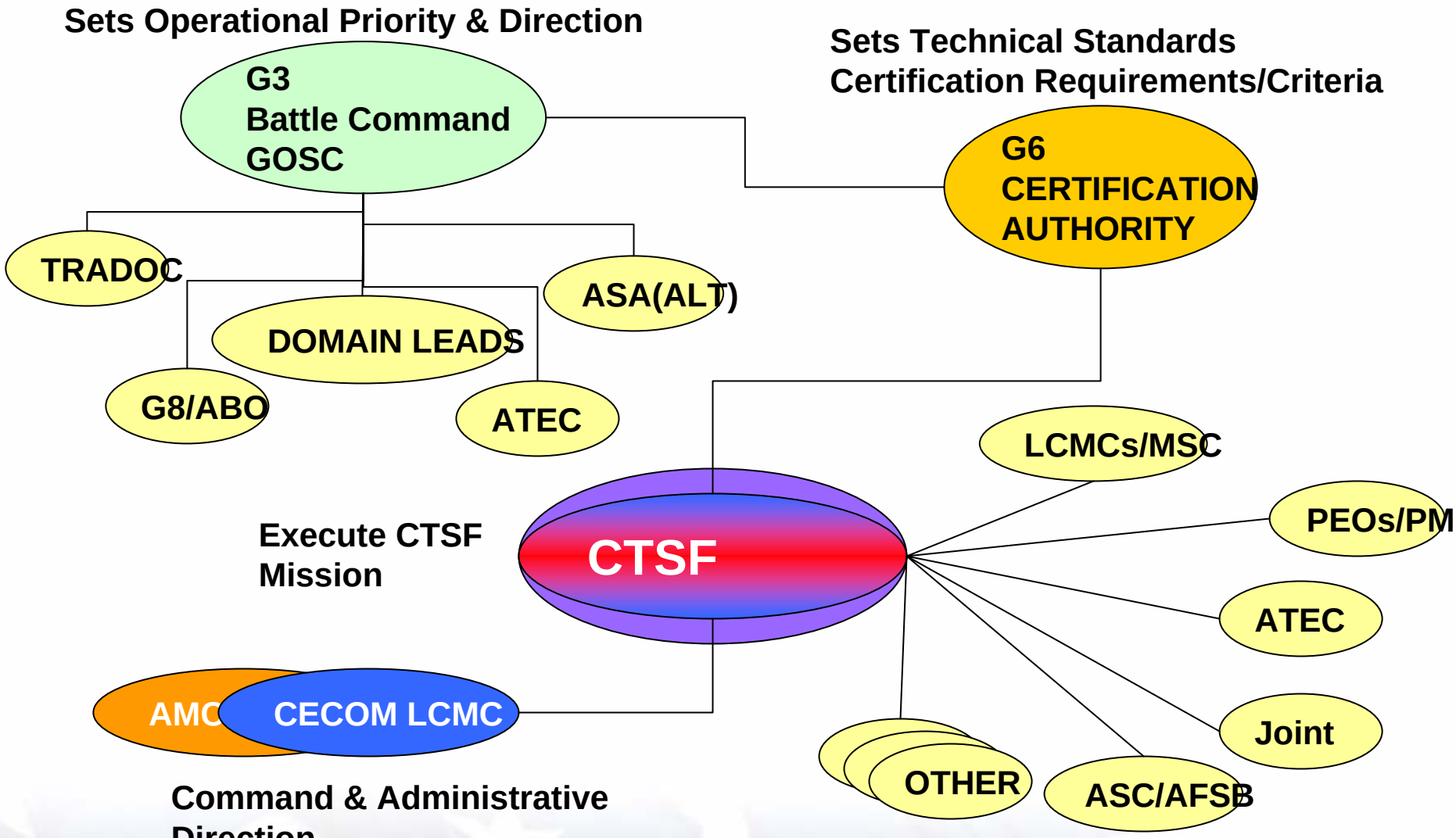
Promote a Lean Culture in All We Do.

SOS Focused CTSF Process



Promote a Lean Culture in All We Do.

Governance Structure



Promote a Lean Culture in All We Do.

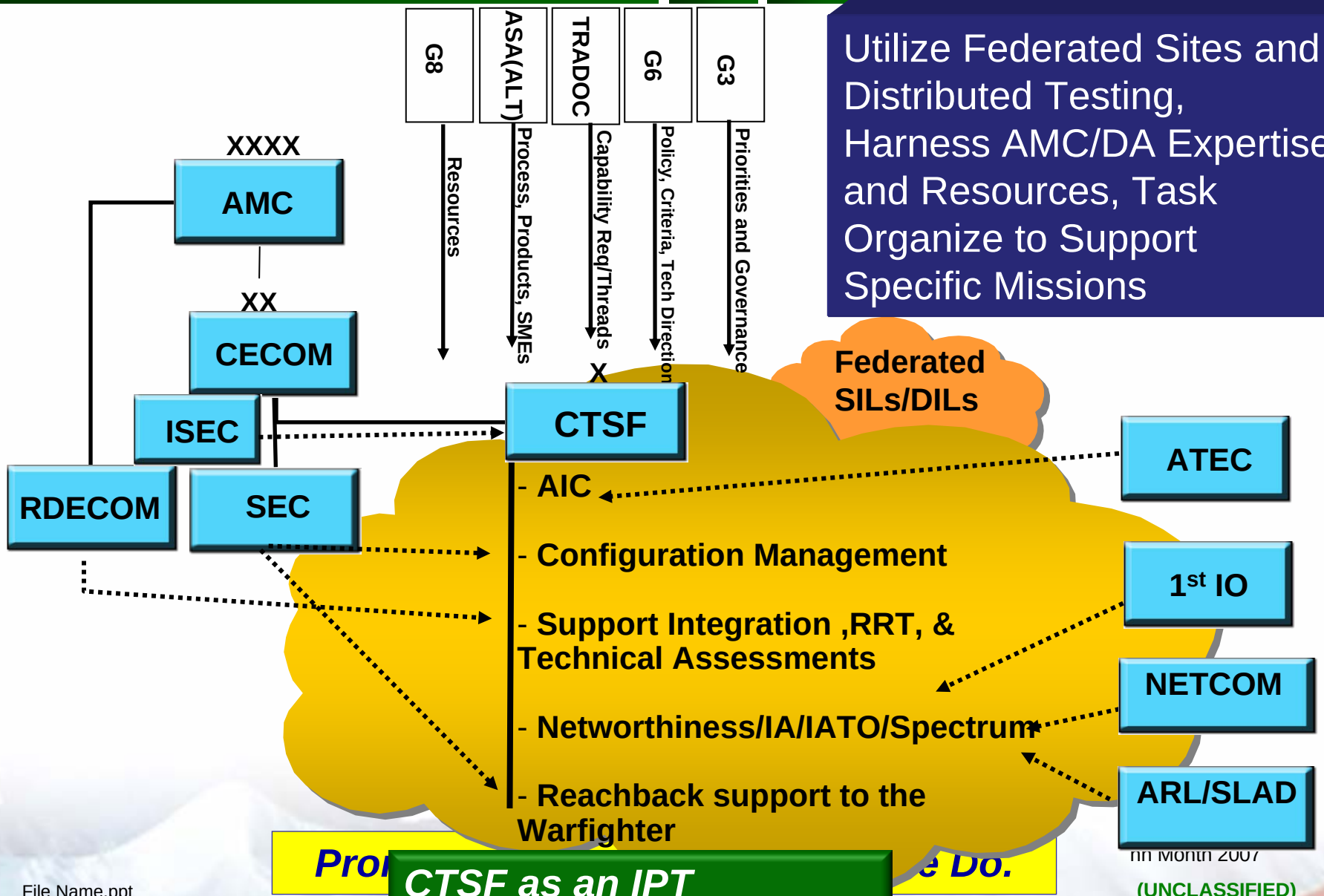
CTSF The Stats…

- **250,000 sq ft Facility:** 41,305 square feet dedicated to integration, testing and certification
- **Fully Wired Infrastructure:** with tactically representative routers, switches, hubs, fiber, 10Base2, 10BaseT and video to provide flexibility for test and exercise reconfiguration.
- **Instrumented Facility** for data collection and reduction equipment to support a vehicle platform to Corps level architecture, fully instrumented with SIM/STIM and data collection/reduction capability.
- **Configuration Control Capability** to support integration and fielding of Software
- **High Speed Communication Links** to facilities at Ft. Hood and externally to sister service sites, battle labs and contractor facilities; DREN access.
- **Established Processes** to support integration, testing, configuration management and training "Go to War" software.

Over 900 government civilians, and contractors form the Team of the CTSF to support, maintain & sustain the Army's digital systems deployed world- wide.

Promote a Lean Culture in All We Do.

Leveraging The Army "Task Organize for Success"



Utilize Federated Sites and Distributed Testing, Harness AMC/DA Expertise and Resources, Task Organize to Support Specific Missions

Partnering is Key

Promote a Lean Culture in All We Do.

Key to CTSF Success

- Unity of Command - no barriers, organizations coming together to get the job done on behalf of the Warfighter, synchronization of efforts
- CTSF missions serve many customers (i.e. G3, G6, ASA(ALT), G8, ATEC, Joint and Coalition Warfighters)
- Synergy →Focused on Warfighter Needs
- In depth technical understanding of systems
- Knowledge of warfighter needs and constraints
- A set of disciplined processes for Testing, CM, and System Engineering
- Formal/Informal Partnerships (PMs, Warfighter, Test Community, Joint Community, PdM Netops)
- Adaptable and Responsive
- Honest Broker
- Well known across Army → DoD

Promote a Lean Culture in All We Do.

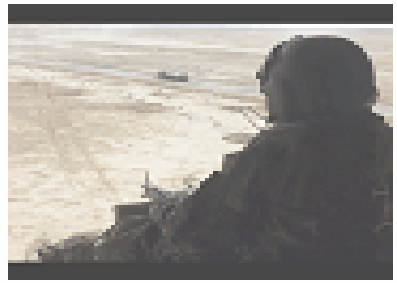
Questions?

SERVING OUR ARMY AT WAR
CTSF
RELEVANT AND RESPONSIVE

Back-Up

CTSF Vision

To become a customer valued organization ensuring the best net-centric C4I capabilities are available to US Army, Joint and Coalition Warfighters.



Bottom Line: CTSF is the Interoperability "Check Ride" for Current & Future Army Programs

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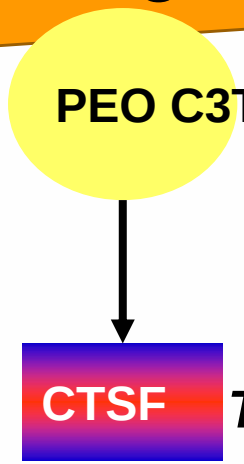
CTSF Organizational Evolution

Integration

PEO C3T



CTSF *Trail Boss*

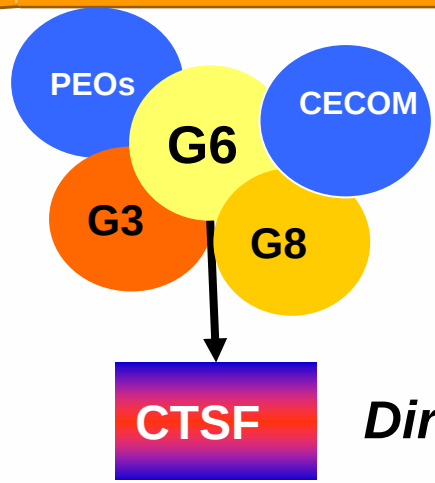
1 Digital Div
Proof of Principal
SW Functionality

11 Systems

ABCS Integration

Integration and Certification

PEOs, G6, CECOM, G3, G8



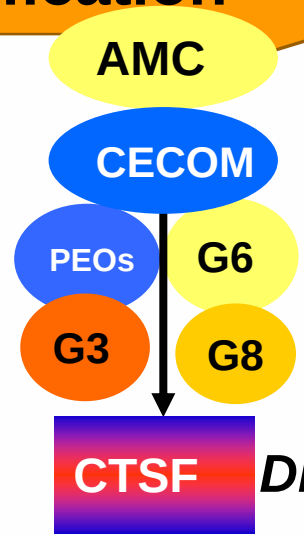
CTSF *Director*

10 Digital Divs
40+ BCTs
C2 Interoperability

SWB 1 - 75+ Systems

SoS Interoperability

AMC, CECOM, PEOs, G6, G3, G8



CTSF *Director*

Future Digital Force
Net Centric
Interoperability

Syst... AIC
TB...

JOINT

Army ... Interope...ability

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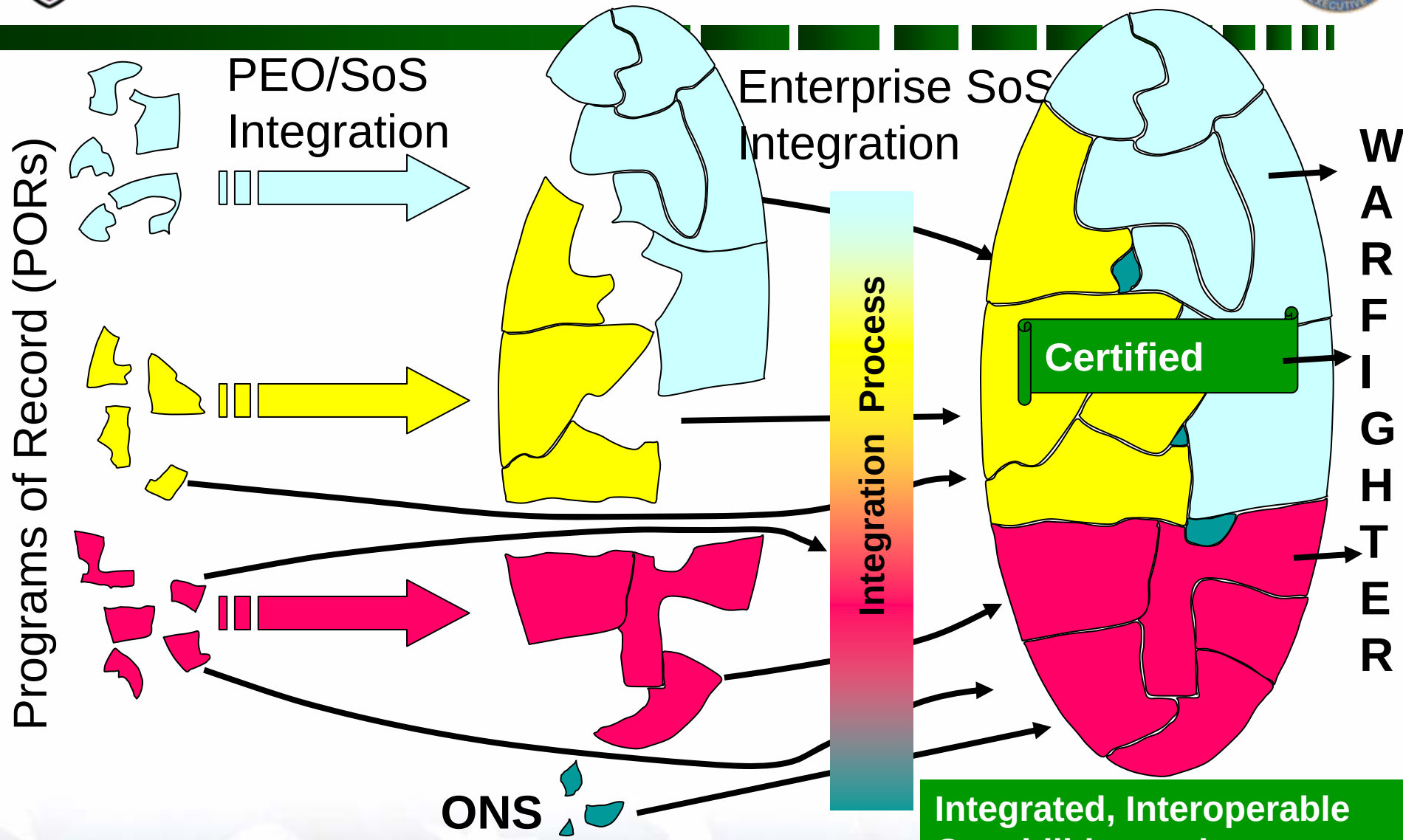
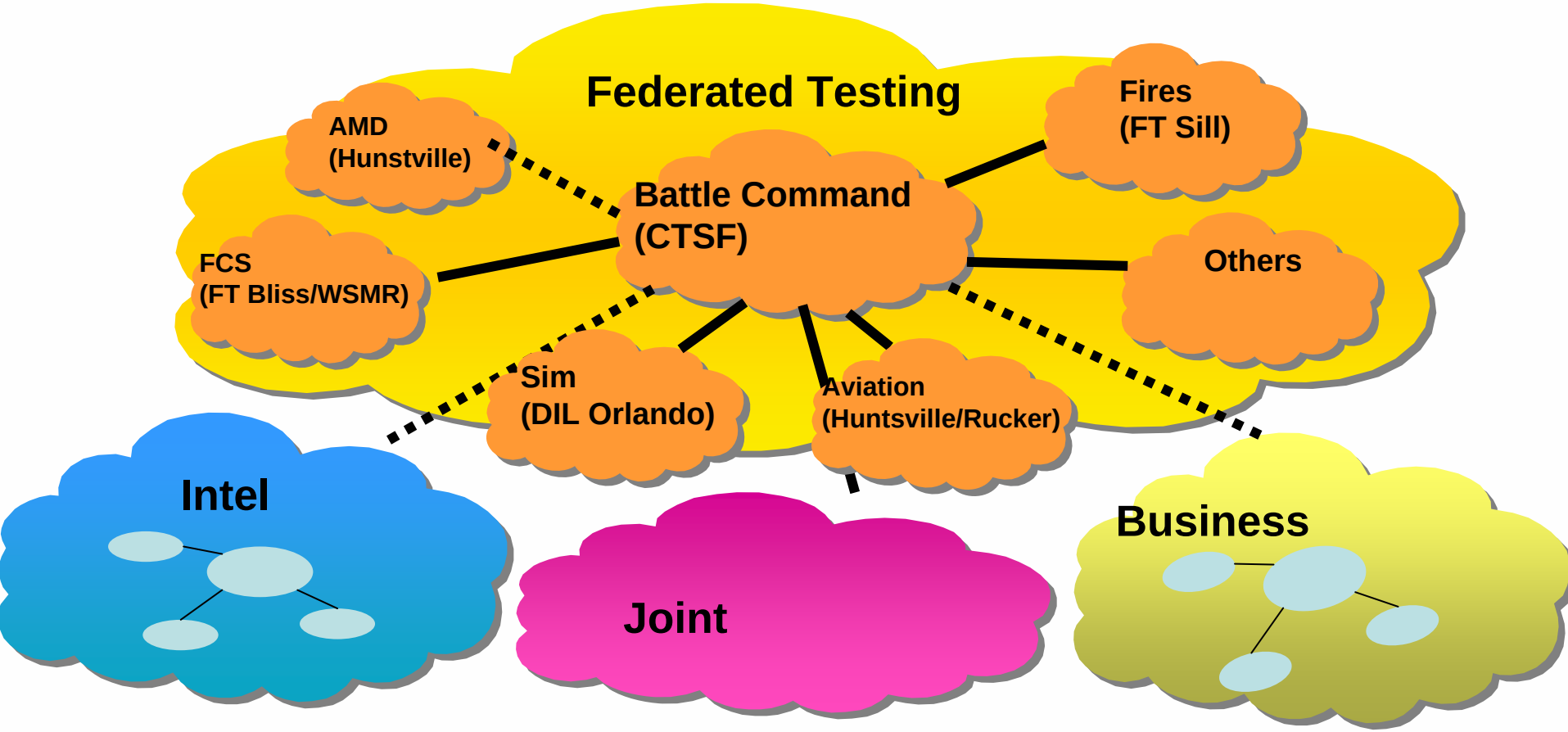
CTSF SOS Focus



Integrated, Interoperable Capabilities to the Warfighter!

Promote a Lean Culture in All W

FANS Concept of Execution



Federated Army Net-Centric Sites

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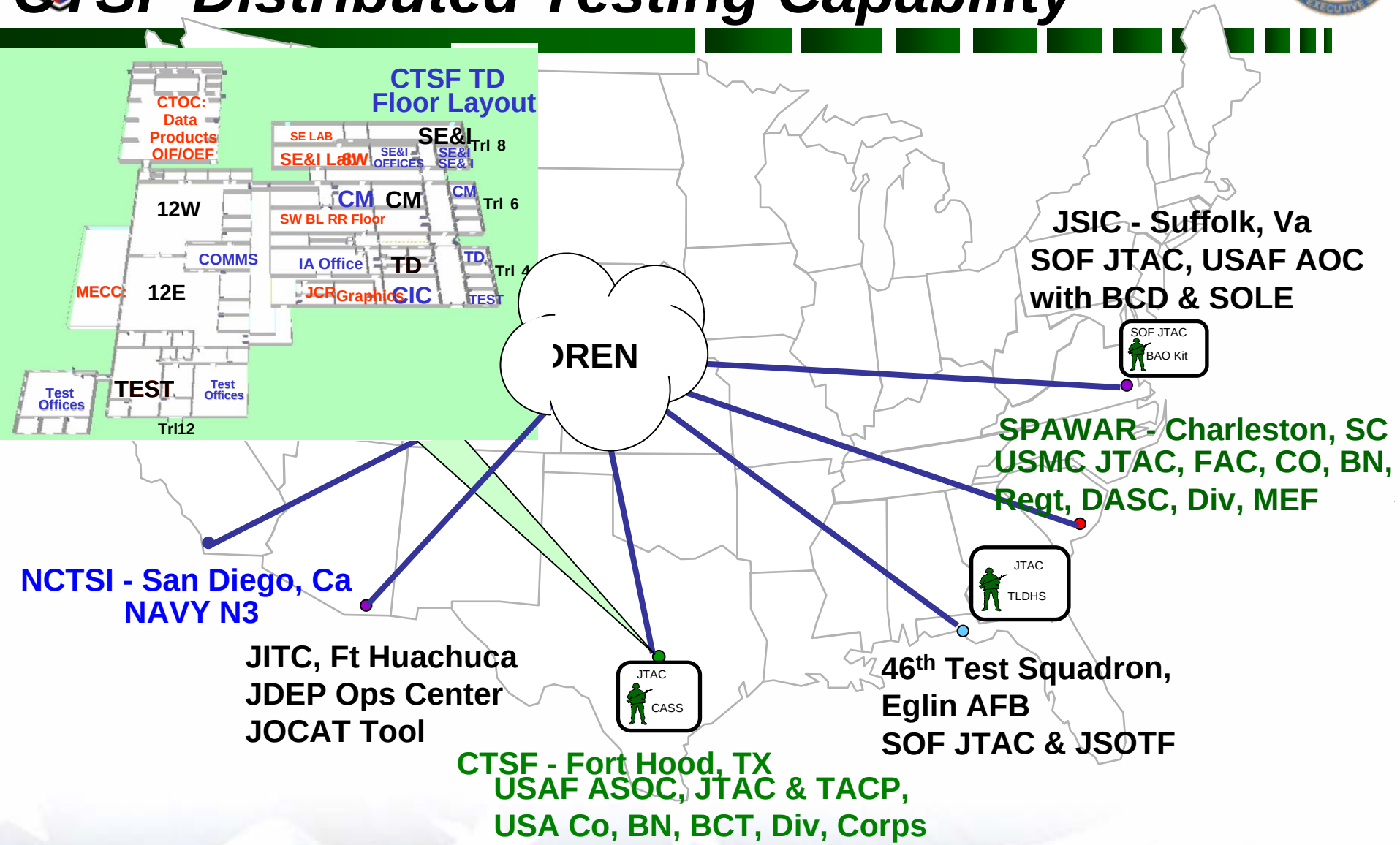
CTSF Distributed Testing Capability



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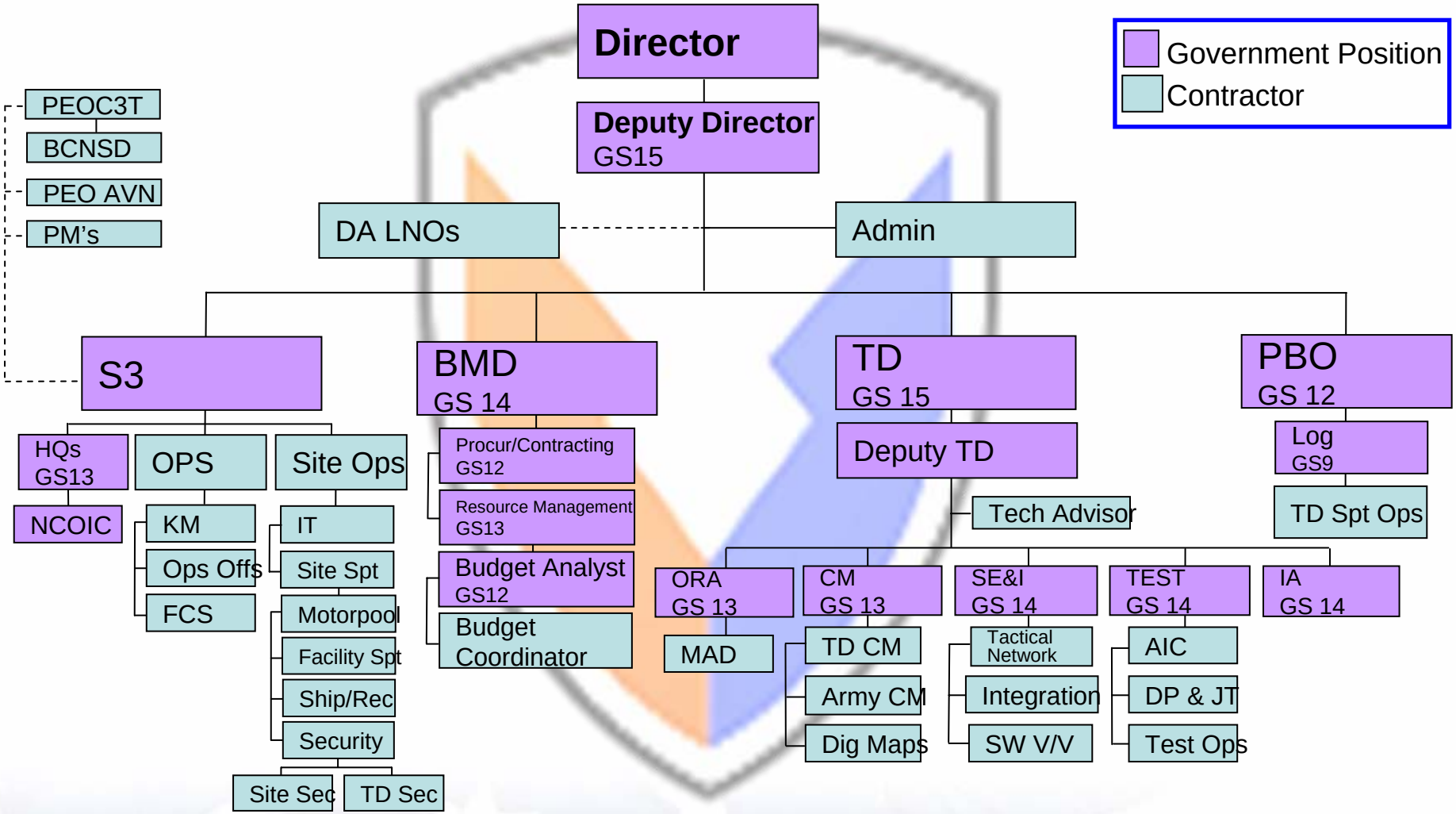
CTSF Organization



Promote a Lean Culture in All We Do.

CIO/CTO G6 (UNCLASSIFIED)

CTSF Campus

INSTALL YARD
Install H/W and Communications on Tactical Platforms

TENANT PROGRAMS / AGENCIES
(Integration/ Support Testing / Training)
PEO-C3T, PEO-STRI, PEO-Aviation, TRADOC, ATEC, University XXI, TRAC-WSMR, Future Combat Systems

SUPPORT OPERATIONS/LOG
Property Accountability, Purchasing, Computer Repair, Test Floor Setup and Support, Facilities Support

SYSTEMS ENGINEERING
Foundation Products
Data Products
S/W Validation and Verification
Network Engineering
Information Assurance
SOS Integration Labs

CONFIGURATION MANAGEMENT
Baseline Maintenance, Master Drive Storage, Quality Assurance, S/W Replication,S/W Distribution, Systems Architecture, Digital Maps

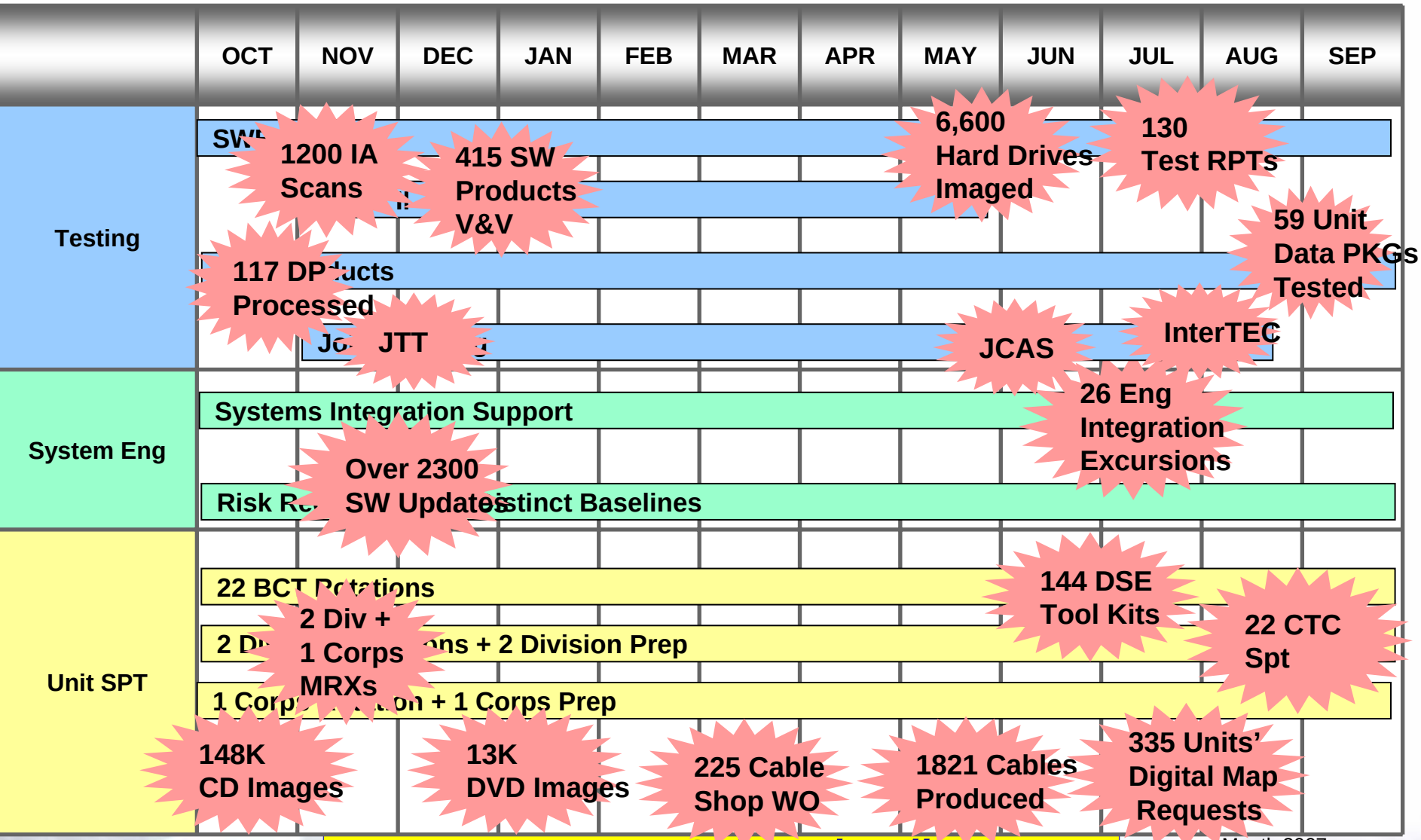
TEST AND EVALUATION
Interoperability Baseline Testing
Intra-Army Certification Testing
Simulation/Stimulation Validation
Distributed Testing

SPECIAL PROJECTS
Analyzes, Recommends, and Executes Special Projects
Bring Rapid Benefit to the Soldier
Integrate Emerging Technologies
Perform Special Projects as Tasked

BATTLE COMMAND AND NETWORK SUPPORT DIRECTORATE
DIGITAL SYSTEMS ENGINEERS
DSI NET
SUPPORT OPERATIONS CENTER
Support USF Activities

OPERATIONS
Initial Support Requests
Event Cost Estimation
Deployment Support
Tours / Demos
Synchronization Notes

FY07 Accomplishments



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