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**Combined Arms Support Command and the
Sustainment Center of Excellence
Fort Lee, Virginia and Fort Jackson, South Carolina**



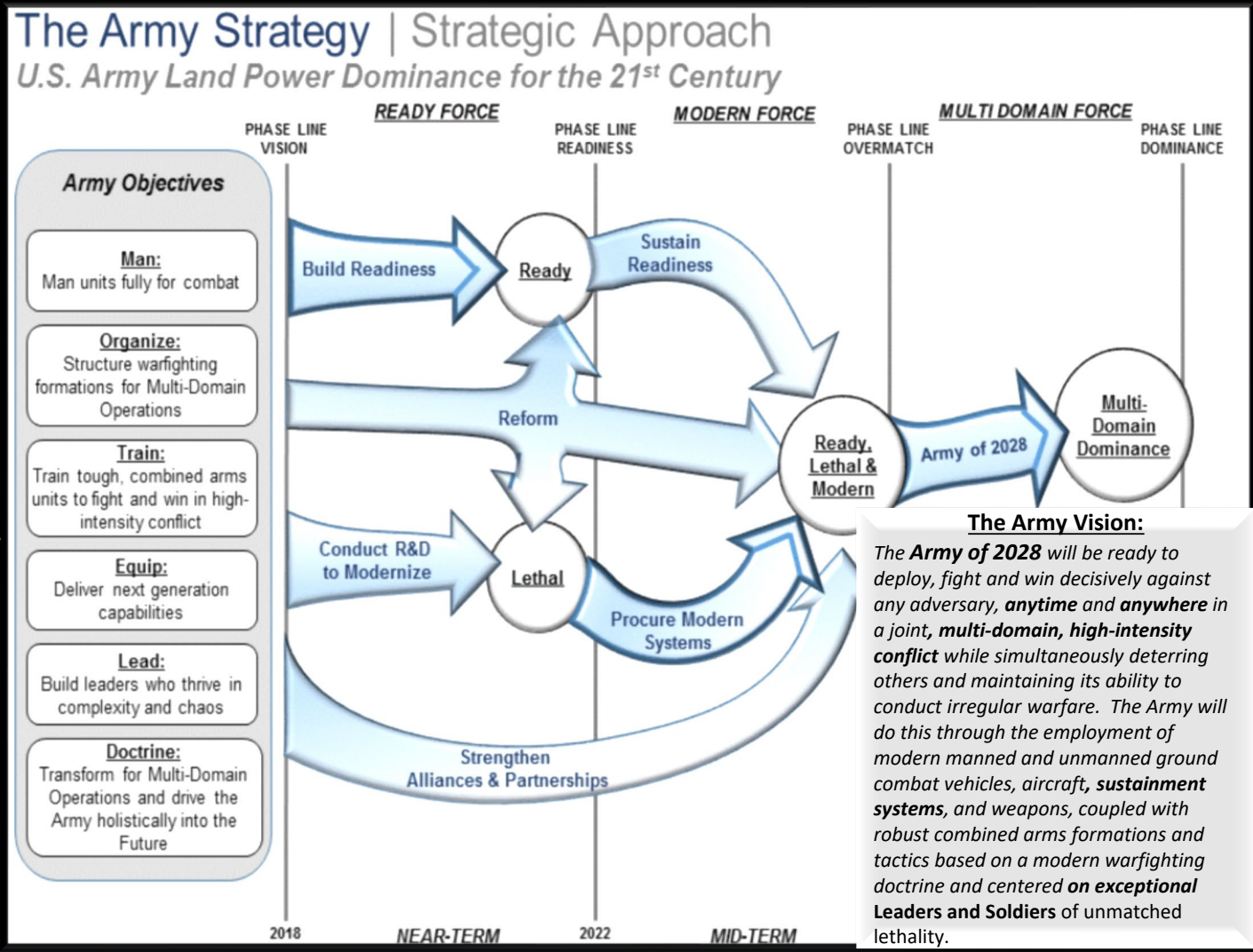
CASCOM Support to Army Strategy



CASCOM ★ ★

Mission:
CASCOM trains, educates, and develops adaptive total force sustainment professionals; generates, synchronizes and integrates innovative Army and Joint sustainment capabilities, concepts and doctrine to sustain the full range of military operations.

Enduring Priorities:
EP1: Readiness
EP2: Build and Improve the Army
EP3: Soldier, Cillian and Leader Development
EP4: Take Care of the Team
EP5: Civilian – Military Engagement



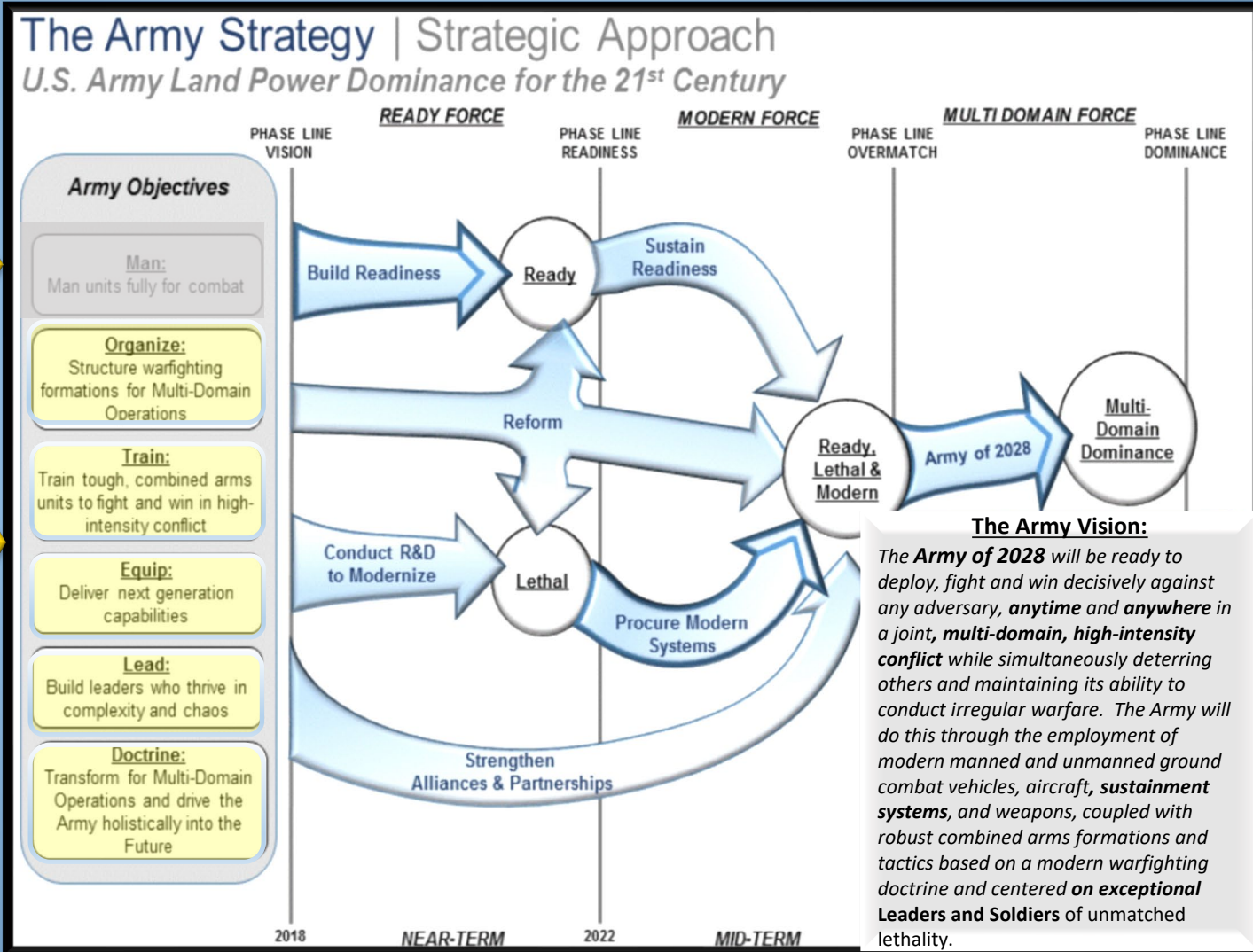


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Describing the Future



Army Objectives

Man:

Man units fully for combat

Organize:

Structure warfighting formations for Multi-Domain Operations

Train:

Train tough, combined arms units to fight and win in high-intensity conflict

Equip:

Deliver next generation capabilities

Lead:

Build leaders who thrive in complexity and chaos

Doctrine:

Transform for Multi-Domain Operations and drive the Army holistically into the Future

FM 3-0

- Sustainment units must provide their own convoy security, vice being a consumer.
- Large-scale combat operations will create high demands for logistics and personnel services.
- **Logisticians support operational tempo by delivering supplies and materiel as far forward as possible.**
- Sustainment units must be **equipped, structured, trained, and prepared.**



FM 4-0

- Army sustainment enables large scale ground combat operations by providing the support required to keep the Army and its unified action partners engaged in operations across the operational environment (OE).
- **Lack of sufficient sustainment support slows operational tempo, contributes to early culmination, and could lead to the defeat of friendly forces on the ground.**
- Sustainment operations are critical to enabling operational reach. The Army's sustainment capability assists in providing crucial theater and port-opening functions that further enable the strategic and operational reach of the joint force.
- Army sustainment capabilities continue to provide the bulk of Army support to other Services, common-user logistics, and other common sustainment resources to prevent friendly forces from culminating.





Building Capacity for the Future



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Focus Areas:

- Develop units that enable endurance and depth while optimizing velocity
- Ensure that our Deployment and Distribution Management Systems can keep up with the fight.
- Distribution in Large Scale Ground Combat Operations (LSGCO)
- Update courses to match the complexity and rigor of LSGCO
- Standardize Army Drivers licensing and certification
- Train Deployment Readiness



Cargo Handling Division



88H
Terminal
Operations
Air/Seaport

Maritime Training



88K/88L
Watercraft
Transport
Operations

Motor Transport Training



88M
Motor
Transport
Operations

Deployment System



88N
Movement
Control
Operations

Rail Advisory Operations



88U
Rail
Transport
Operations

Strategic Deployment Distribution Operations



Deployment
Readiness
Exercise

USATSCH
AIT 88 Series
MOSs
WO Specialties
ASI/SQI
(A2/M9/R1/6M/
3S)
Functional
Courses

Capabilities
Development
-Leader/Follower
- JLTV
- Transportation
Management
Systems (TMS)



Describing Capabilities for the Future Fight



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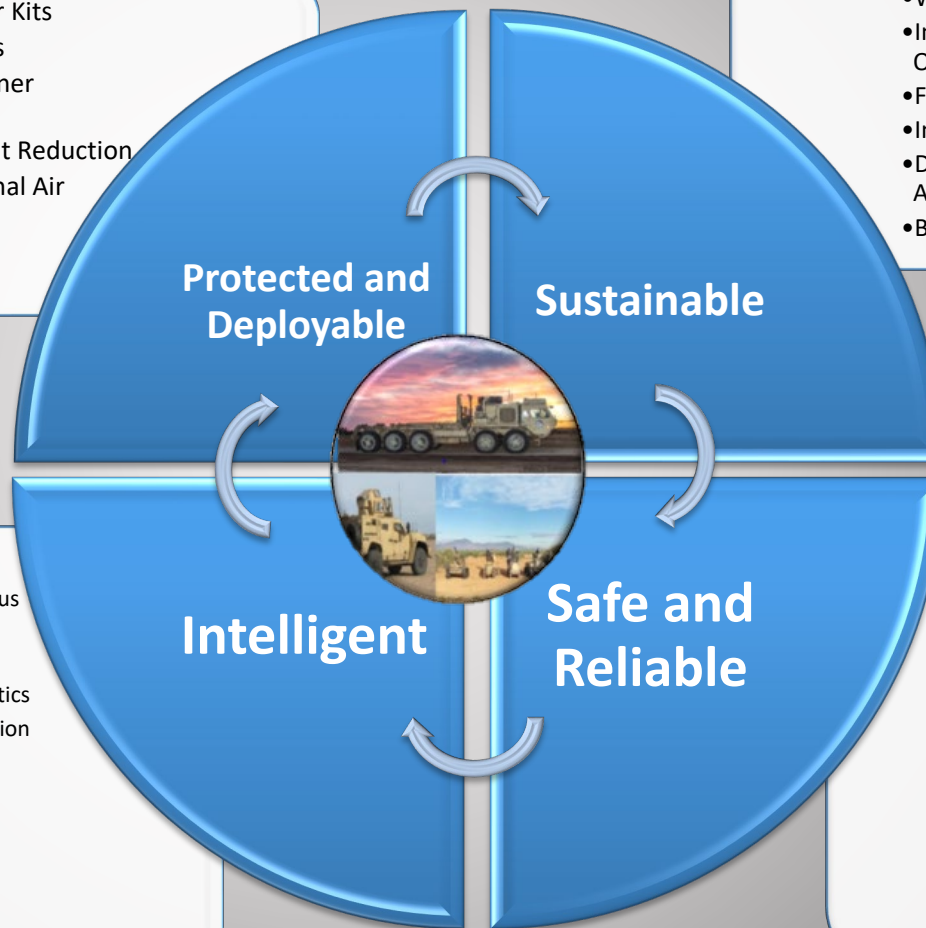
Build leaders who thrive in complexity and chaos

Doctrine:

Transform for Multi-Domain Operations and drive the Army holistically into the Future

- Scalable Armor Kits
- Crew Weapons
- Improved Gunner Protection Kits
- Vehicle Weight Reduction
- Internal/External Air Transport

- Semi Autonomous Operations
- AI Enabled
- Predictive Analytics
- Route Optimization
- Supply Chain Management
- Improved Interoperability
- Driver's Vision Enhancer
- C4ISR Integration



- Power Generation
- Water Generation
- Increased Onboard/Exportable Power
- Fuel Efficiency
- Improved Battery Power
- Depot Maintenance Automation
- Built-in Training Capability

- Improved Ride Quality
- Improved Off Road Mobility
- Electronic Stability Control
- Anti-lock Breaking System
- System Survivability
- Fire Suppression
- Driver Assist/Warning
- Improved Maintenance Radio
- Improved Mean Miles Between Operational Failure (MMBOMF)



Challenges/ Opportunities



Challenges...

- Large Scale Ground Combat Operations (LSGCO) calls for truck/trailers that are interchangeable and multi-capable (cargo, fuel, supplies) in order to give the commanders flexibility in delivering sustainment and equipment.
- Army equipment continues to grow heavier and taller requiring haul capabilities to adapt.
- Every truck will count - unit's cannot afford lengthy down time on their vehicles.

Opportunities...

- Autonomous technology promises to enable distribution, throughput, and efficiency.
- Commercial solutions (with minor modifications) could fit some of the requirements that are generated now and into the future.



Bottom Line



- Multi-Domain Operations realized through Large Scale Ground Combat Operations will require distribution that can keep up and survive.
- Improving the current systems and developing new ones will take teamwork and partnerships.
- Our Army has one focus: Make our Soldiers and units more lethal to win our nation's wars, then come home safely.







Questions

