

# ARMY FUTURES COMMAND

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NGAUS



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## TOMORROW IS WORTH PROTECTING



# ARMY FUTURES COMMAND

## VISION

AFC LEADS THE PERPETUAL  
MODERNIZATION OF THE ARMY BY  
PROVIDING UNITY OF EFFORT TO  
EFFECTIVELY COMPETE WITH  
ADVERSARIES & WHEN  
NECESSARY WIN DECISIVELY IN  
COMBAT AS A MEMBER OF THE  
JOINT FORCE.



# The World has Changed...

The period of U.S. military dominance that followed the end of the Cold War has faded. So, too, are the circumstances that mitigated the risk of inter-state war.

- Challenges to rules-based international order
- Shifting balance of economic power

While our focus has been on counterinsurgency the past 18 years, the character of war was changing. Our Army may now be challenged by a convergence of factors, including technology advances that requires us to change how we must fight:

- Low-cost sensors
- Precision-strike technology
- Robotics
- Biology
- Artificial intelligence
- Autonomy
- Directed energy
- Quantum computing and information

“WE ARE AT AN INFLECTION POINT WHERE WE CAN NO LONGER AFFORD TO DEFER MODERNIZING OUR CAPABILITIES AND DEVELOPING NEW ONES WITHOUT ERODING COMPETITIVE ADVANTAGES OF OUR TECHNOLOGY AND WEAPON SYSTEMS”

- CHIEF OF STAFF OF THE ARMY GEN MCCONVILLE





# We've Been Here Before







# Concepts Drive Change







# The 6 Modernization Priorities and 8 Cross Functional Teams

The six Modernization Priorities are necessary for Multi-Domain Operations (MDO) readiness, and are the focus of Army Futures Command's eight Cross Functional Teams (CFTs). The CFTs enable the shift to unity of effort across the FFME.

**Long Range Precision  
Fires (LRPF)**



**Next Generation Combat  
Vehicle (NGCV)**



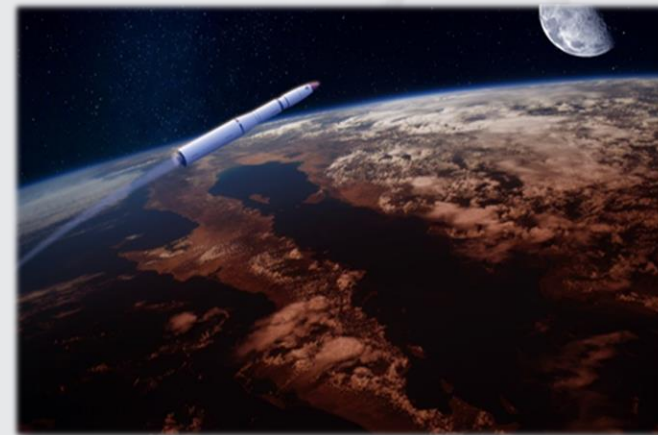
**Future Vertical Lift  
(FVL)**



**Assured Positioning  
Navigation & Timing (APNT)**



**Network (Net)**



**Air and Missile Defense (AMD)**



**Soldier Lethality (SL)**



**Synthetic Training  
Environment (STE)**

IN ADDITION TO SPECIFIC CFTs FOR THE 6 MODERNIZATION PRIORITIES OF LRPF, NGCV, FVL, NET, AMD AND SL, THE APNT AND STE CFTs ARE CRITICAL CAPABILITIES FOR SUCCESSFUL MDO READINESS.





# Continuous Development of Solutions with Soldier Feedback

Night Vision Goggles as example of fielding intermediate solutions



- Fielding capabilities to units as developed
- Tailoring new contracts to remaining gaps
- Iterative inclusion of technology to gain the edge





# Soldier Touch Point – Soldier Feedback

*“[Soldier involvement] should become the norm... The Battlefield is constantly changing. Sharing our experiences with you matters”*

**“ This is the first time someone asked us,  
what do you want built for combat ”**

*“ I really enjoyed my time doing [this prototype assessment]. Just getting us in here and allowing us to help refine is what we need”*

**“ Now we can build [a material solution] to what we need and how we can use it. We can build upon it and make it better. We can build on each other with new improvement and new needs in the next studies to the final product ”**





# A Vision to Build the Future. Together.

## *On a future battlefield...*



- ...a young company commander looks back to 2018 and thanks the Army's Leadership for having the courage to reorganize the Army and stand up Army Futures Command because she/he was just part of the last battle of a short, sharp, successful joint campaign against a near-peer nation state.
- And the thing that young company commander is most thankful for is that he/she had the tools necessary to dominate in the unforgiving crucible of ground combat and bring every last Soldier home to the families that trust us with the lives of their sons and daughters.



# QUESTIONS?

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