



Defense Technology Symposium

in conjunction with the AUSA Warfighter Summit & Exposition

July 26, 2022 * Fayetteville, NC

Defense Technology Symposium



Speaker:

Lieutenant Colonel (Ret) Scott Dorney
Executive Director
North Carolina Military Business Center

Defense Technology Symposium

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Speaker:

US Senator Thom Tillis
North Carolina

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Speaker:

Annette Redman

Senior Vice President, JCC Operations &
C4ISR Lead
Booz Allen Hamilton

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Speaker:

Jared Summers

Chief Technology Officer
XVIII Airborne Corps (Fort Bragg)



XVIII AIRBORNE CORPS

AMERICA'S CONTINGENCY CORPS

DATA CENTRIC WARFARE

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XVIII Airborne Corps



America's Contingency Corps



82nd ABN DIV
Airborne Joint Forcible Entry



101st ABN DIV
Air Assault Joint Forcible Entry



10th MTN DIV
Mountain/Arctic Warfare



3 INF DIV
Mechanized Combined Arms



3rd ESC
Sustain the Force



7th Transportation BDE
Logistics Over The
Shore-Army Watercraft



16th Military Police BDE
Force Protection



18th Field Artillery BDE
Long Range
Precision Fires



20th Engineer BDE
Full Spectrum
Engineer Support



35th Signal BDE
Force Projection
Signal Support



44th Medical BDE
Combat Medical Support



525th MI BDE
Expeditionary
Intelligence Assets

92,000+ Soldiers; 14 Installations; 30 Brigades; 139 Battalions

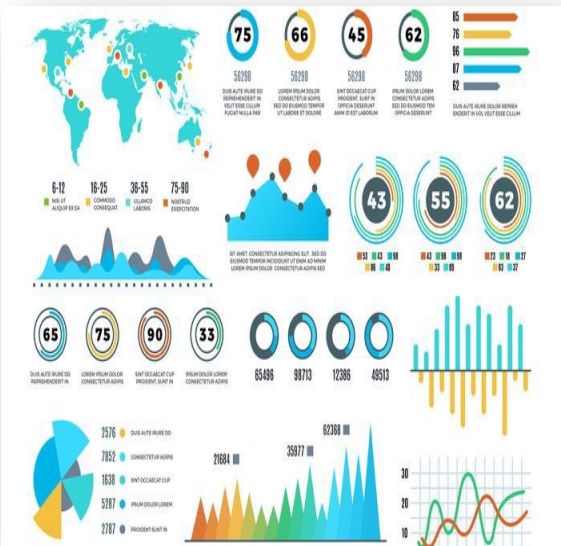


Project Ridgway: Data Centric Corps



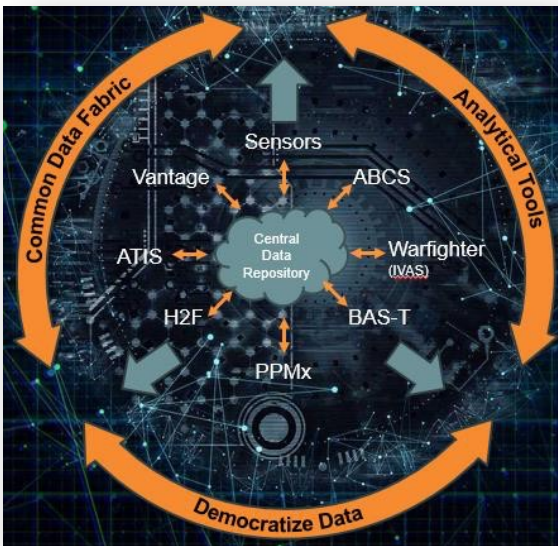
ORGANIZATIONAL CULTURE

Create the right environment to foster innovation and change.



DATA LITERACY

Upskill and upscale the force with a foundation to leverage data, Artificial Intelligence, and Machine Learning.



DATA MANAGEMENT AND GOVERNANCE

Creating, storing, safeguarding, and sharing data to enable the commander's decision making process.



DATA ENABLED INFRASTRUCTURE

Build Cloud environments to move info quickly and store it at the edge in a Denied, Degraded, Intermittent, and Limited environment.

Treat Data as a Strategic Asset

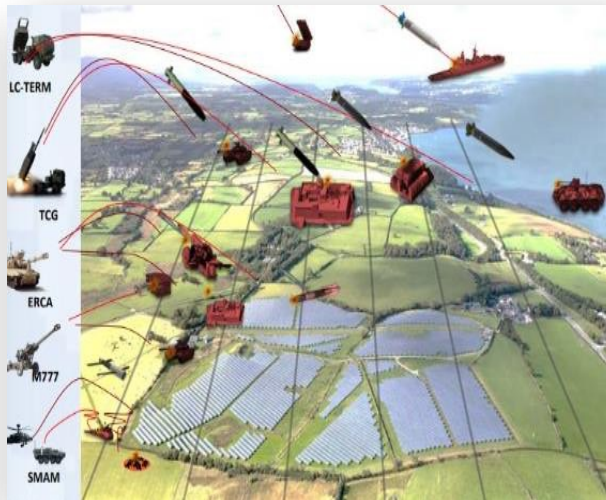


Data Centric Operations



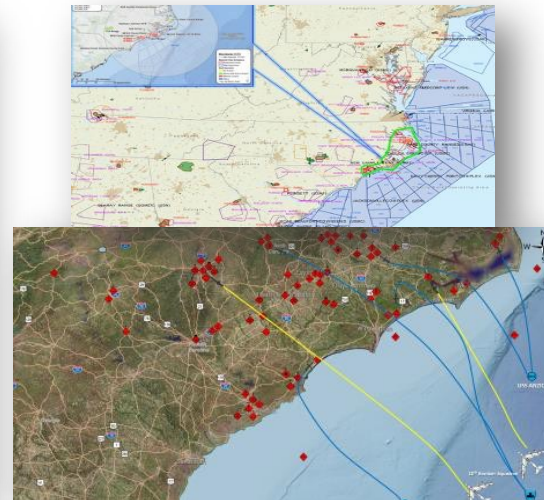
DEEP SENSING FOR LARGE SCALE COMBAT

Quarterly events have expanded since 2020 – they now include all six services operating simultaneously in a joint all domain environment



TARGETING AT SPEED AND SCALE

Building an intel/ops targeting data flow to facilitate 1000+ targets per hour – advances the lethality of our force



JOINT AND PARTNER ENVIRONMENTS

Leveraging the East Coast Range Initiative, to bring together our Joint and Coalition partners.



ORGANIZATIONAL LEARNING ON AI

At every stage, participants are building optimal ways to pair humans and machines

Evolution to AI-Enabled Joint All Domain Operations



What Must We Continue to Do?



Ensure DoD maintains technological edge on potential adversaries

Leverage technology transition from the private sector

Sustain and grow the defense industrial base in the US, particularly the technology, R&D and new product development ecosystem



Faster and More Adaptable than Our Adversaries

