



# MCOE / AUSA Industry Day:

## The SBCT in LSCO

COL Samuel G. Edwards  
Director, ACM SBCT



# The Future SBCT: Facts and Assumptions

## Facts

- The SBCT will not receive significant lethality upgrades between now and 2035
- SBCT 2030 will be DVHA1 Stryker-based
- SBCTs will lose structure despite not having a parent Division as the Unit of Action

## Assumptions

- SBCTs will conduct LSCO as part of a 2030 Division
- SBCT 2040 will require an upgraded or updated Stryker

## The Challenge

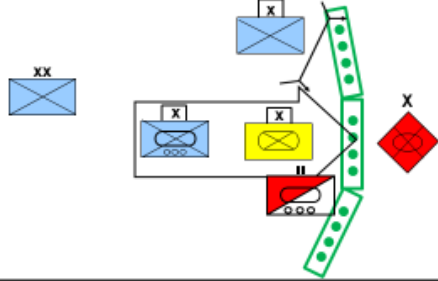
Develop and field capabilities that enable the SBCT to meet the challenges of the Projected OE and meet the required capabilities to conduct cross domain maneuver affordably without adding personnel and vehicles to the formation



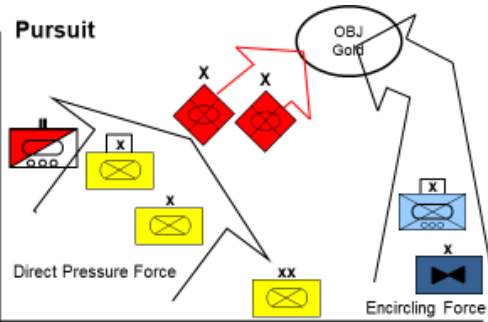
# Stryker Brigade Operations in LSCO



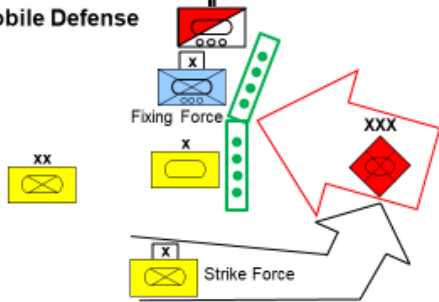
Deliberate Attack



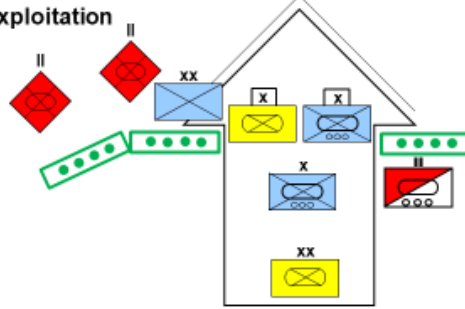
Pursuit



Mobile Defense



Exploitation



## Principles

- Empower the SBCT to conduct Cross Domain Maneuver
- Do not add platforms to the formation
- Enable the individual Soldier and dismounted elements
- Incorporate RAS Solutions
- Incorporate Machine Learning and AI when appropriate
- Integrate Networked SBCT capabilities
- Integrate CFT capabilities
- Improve Silent Watch for essential platforms
- Integrate S&T capabilities across all warfighting functions

## Industry Opportunities

- Airspace Defense
  - C-UAS to Platoon Level
  - SHORAD
  - Threat Warning
- Electronic Warfare
  - Detection
  - Defensive
  - Support for Targeting
- Direct Fire Lethality
- Stryker Platform Mobility and Protection
- Bunker Busting and Wall Breach
- Mission Command
  - On the Move
  - Rapid displacement
  - BLOS
- Cross Domain Reconnaissance and Security
- Dismounted Mission Command
- Increased Lift and Supply Distribution
- Improved Indirect Fire Responsiveness, Mobility, and Survivability
- Vehicle Recovery Solutions
- Remote CBRN Detection
- CBRN Decontamination
- Improved Medical Capabilities



# Additional Areas of Interest

- RAS
  - Ground Robotic Capabilities
  - Small Unmanned Aerial Systems (SUAS)
  - UAS for Logistics Distribution
- Platform Improvements
  - Next Generation Automotive Technologies
  - Improving Stryker Silent Watch
  - Stryker Autonomy
- Mission Command
  - Mobile Command Post
  - Decision Support Systems
  - Airspace Management / SA Capabilities
- Lethality
  - BLOS / Loitering Munitions
  - Networked Lethality
  - Soft Recoil IDF Technology
- Sustainment
  - Additive Manufacturing Capability
  - Demand Reduction Capabilities
- Soldier
  - Dismounted mission command
  - Products that better enable the individual Soldier
- Protection
  - Remote CBRN Hazard Detection
  - Advanced Obscurants
  - EW Obscuration and Obfuscation
- Tactical CEMA/EW capabilities
  - Signature Management
- Training Solutions

Please contact LTC Tony Thornton, [tony.l.thornton2.mil@army.mil](mailto:tony.l.thornton2.mil@army.mil), with any relevant capabilities



# Questions

