

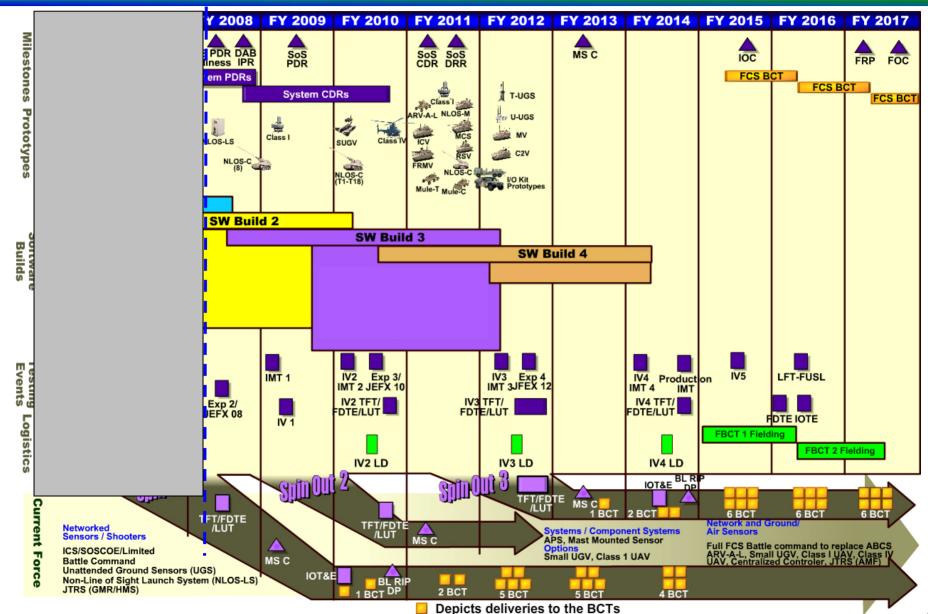
Connect – Detect – Protect – Project...FCS





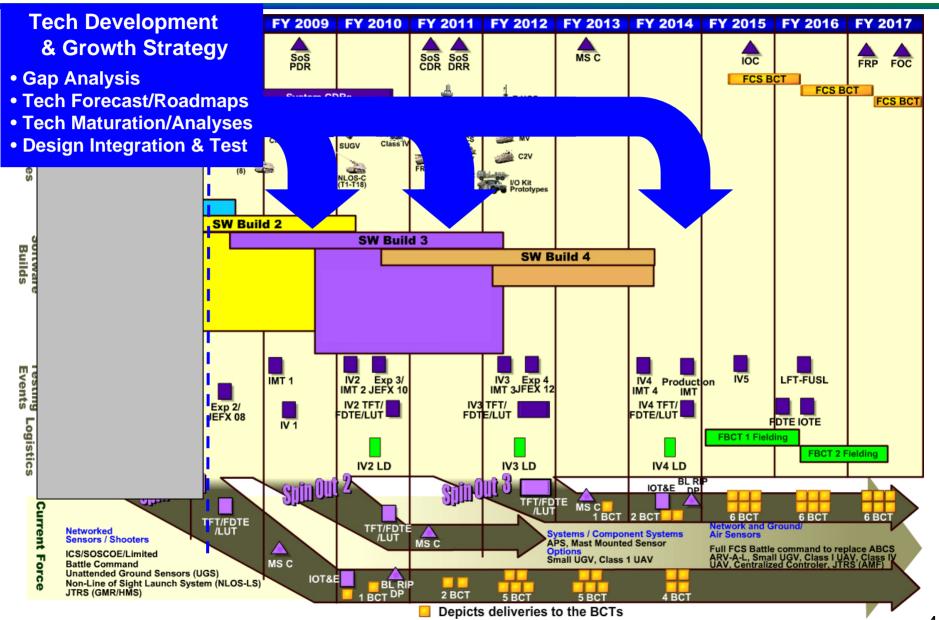
FCS (BCT) System-of-Systems Schedule





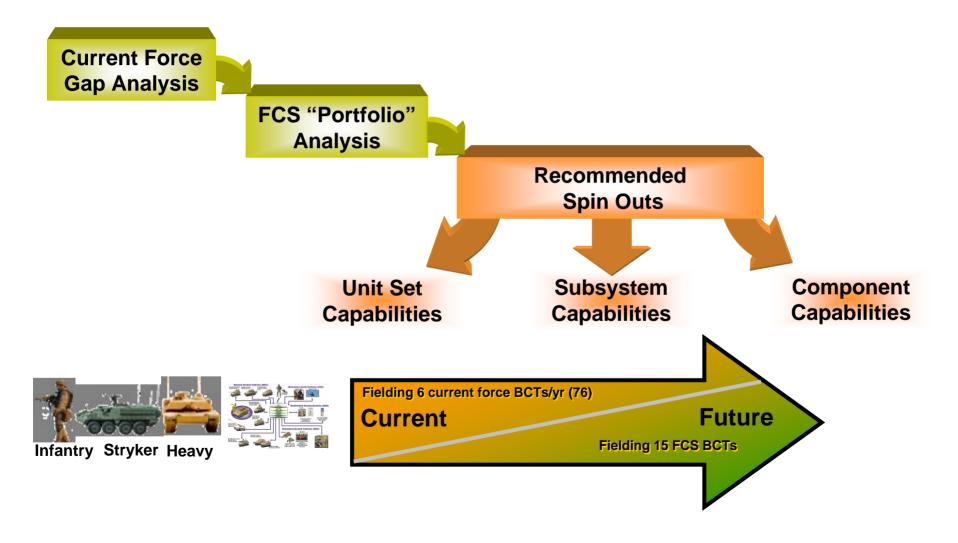
Potential for Inserting Technology/Capabilities





FCS Technology to the Force





B-Kit Spin Out 1 Status



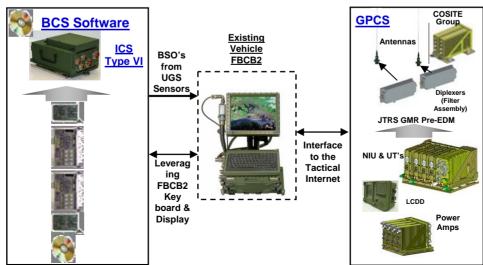


KEY ACCOMPLISHMENTS:

- ✓ Abrams, Bradley and HMMWV NET
- ✓ SO1 B-Kit FQT SW to Current Force Vehicles
- ✓ B-Kitted HMMWV, Abrams and Bradley delivered for test

FY08-09:

- AETF Evaluation Events
 - PTRR: 2Q FY08
 - TFT Dry Runs Start: 2Q FY08
 - TFT: 2Q FY08FDT&E: 3Q FY08LUT: 3Q/4Q FY08
- Abrams and Bradley Final Safety Release: 2Q FY08
- Complete Abrams and Bradley IQT at APG: 3Q FY08
- SO 1 Milestone C: 2Q FY09





UGS Spin Out 1 Status

U-UGS





080417 NDIA Conf

KEY ACCOMPLISHMENTS:

- **✓ UGS NET**
- √ T/U UGS prototypes delivered for test

FY08-09:

- AETF Evaluation Events
 - PTRR: 2Q FY08 - IQT: 2Q FY08
 - TFT Dry Runs Start: 2Q FY08
 - TFT: 2Q FY08 - FDT&E: 3Q FY08
 - LUT: 3Q/4Q FY08
- SO 1 Milestone C: 2Q FY09



ISR Sensors





Sensors







EO/IR Sensors









T-UGS



Non Line of Sight Launch System (NLOS-LS) Spin Out 1 Status





KEY ACCOMPLISHMENTS:

- ✓ Current Forces Integration
- **✓** (AFATDS (FA Control Cell), FOS, CFFT)
- ✓ Container Launch Units (CLUs) Delivery
- ✓ Five prototype CLUs delivered
 One additional CLU in Feb
- ✓ Conducted NLOS-LS NET
- ✓ Conducted NLOS-LS LOG Den

FY08-09:

- NLOS-LS Flight Testing
 - CFT-12: 2Q FY08
 - CTV-2: 2Q FY08
 - CFT-13: 3Q FY08
 - NLOS-LS GTV 1-9: 4Q FY08 1Q FY09
- AETF Evaluation Events
 - TFT: 2Q FY08
 - FDT&E: 3Q FY08
 - LUT: 4Q FY08
- Award of Long Lead Items Contract: 2Q FY08
- SO 1 Milestone C: 2Q FY09
- NLOS-LS Flight LUT: 2Q FY09
- Production Decision/LRIP I Award: 3Q FY09





PAM

CLU

Class I Unmanned Aerial Vehicle (UAV) Block 0 Acceleration

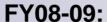




Key Accomplishments

- AETF NET
- Acceleration Reviews
- MAV Deployed with EOD and other units





- Continue in theater assessment: pres-FY09
- C4 Network Integration: 1Q-3Q FY08
- E3 and Environmental Safety Tests: 3Q FY08
- Blk 0 Delta NET: 3Q-4Q FY08
- Proceed decision: 4Q FY08





Small Unmanned Ground Vehicle (SUGV) Block 1 Acceleration





Key Accomplishments:

- Mobility testing
- Drop test
- EMI testing
- Water resistance
- ✓ Safety release
- AETF NET Soldiers Trained
- 3 Prototypes delivered

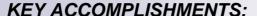
FY08-09:

- NET: 2Q FY08
- User events/test: 3Q/4Q FY08
- C4 Network Integration: 2Q/3Q FY08
- Deliver 22 units to the AETF (3Q FY08) for experimentation testing scheduled for the Summer of 2008.
- Proceed Decision: 4Q FY08



NLOS-Cannon Status





- ✓ July 07 Completed Stability Testing
- ✓ Nov 07 Completed ROF/ACCS/DI Testing
- ✓ Dec 07 Fired Excalibur Mass Simulators w/Tactical Bases
- √ >1500 Rounds Fired on the Firing Platform as of 18 Feb 08

FY08-10:

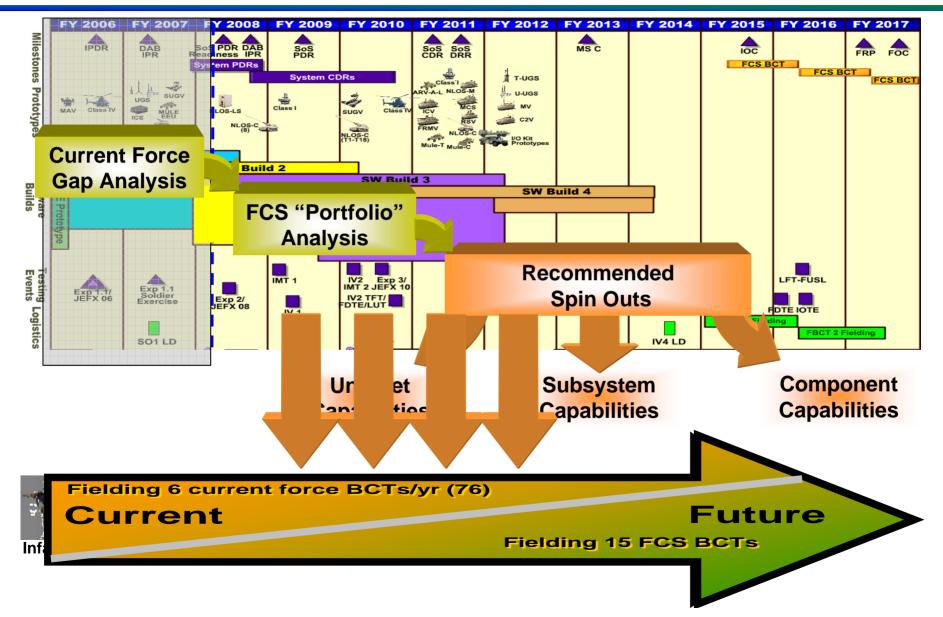
- Safety Release Maintenance & Re-Arm: 3Q FY08
- NLOS-C P1 Roll Out at Army Ball: 3Q FY08
- NLOS-C Congressional MS C: 1Q FY09
- Soldiers Driving/Firing NLOS-C at YPG: 2Q FY09
- NLOS-C Fielded to AETF: 4Q FY09





FCS Technology to the Force





FCS – Reducing the "Log FOOTPRINT"

One Team-The Army/Defense/Industry

FCS Increment 1 Threshold Design (2012-2014)

Current Force Maintenance



58 Abrams



109 Bradley



27 Hercules



78 = Field Level



19 = Sustainment

FCS Maintenance



60 MCS



102 ICV



10 FRMV



10 = Field Level



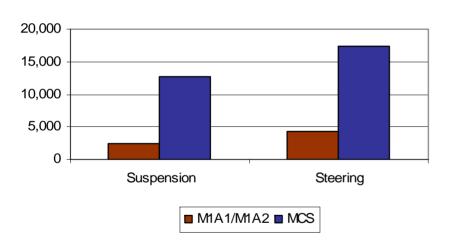
<11 = Sustainment

Fewer soldiers required for logistics

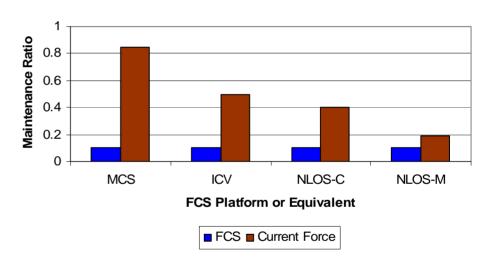
FCS MGV Reliability Design Improvement Over Current Force Platforms



Mean Times Between System Abort (MTBSA) in Hours (More is Better)



Maintenance Ratio (MR) (Less is Better)



Commonality maintains high, consistent component reliability across FCS platforms

- MTBSA Source: RAM-T Cases, Sept 04
- MR Source: Affordability and Strategic Integration IPT
- All costs based on LSI estimates, not the Army Cost Position.

