NDIA Atlanta Symposium
Government – Industry Partnering
PEO PERSPECTIVE

BG David Ogg
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### Stryker Brigade Combat Team
- 9 Infantry Carrier Vehicle Configurations
- Mobile Gun System

### Heavy Brigade Combat Team
- Abrams Tank
- M88 Recovery Vehicle
- Bradley Fighting Vehicle
- Paladin / FAASV
- M113 Knight

### Joint Robotic Systems (Army & Marine)
- MULE
- TALON
- SUGV

### Joint Lightweight Howitzer 155mm (Army & Marine)
- M119A2
- M777A2

**PEO GCS MISSION:**
"Lead the Army’s Ground Combat System Programs by providing the Joint Warfighter with mission capable systems as part of a full-spectrum force, through sound life cycle management"
Government - Industry Teams

Industry

1. General Dynamics Land Systems
2. BAE Systems (US & UK)
3. iRobot
4. Raytheon
5. Honeywell
6. Foster Miller
7. DRS Technologies
8. Textron
9. L3
10. Allison Transmission
11. AGT
12. ARA
13. Michelin
14. Caterpillar
15. Kidde
16. Booz Allen Hamilton
17. LSI
18. SAIC
19. Kongsberg (Norway)
20. QinetiQ
22. Air Methods
23. Rexroth
24. VMW
25. Meggitt (UK)
26. Hamilton Sundstrand
27. Boeing
28. Curtiss
29. Kollmorgen
30. Advanced EO
31. Metalcastello (Italy)
32. MOOG
33. Hutchinson
34. GSA Auburn National Warehouse
35. Arcelor Mittal (UK)
36. Kollmorgen
37. Marvin Land Systems
38. ALCAN
PM Heavy Brigade Combat Team

- Abrams FoV: 6,118
- Fire Support Platforms: 3,962
- M113: 13,441
- Bradley: 13,441
- M109A6: 29,400 in Active Use

Our Mission is Our Warfighters' Future
PM Heavy Brigade Combat Team
HBCT Public - Private Partnerships

PROS

- Meet intent of “50/50” Statute while leveraging best-of-class improvements in quality, Lean-Six Sigma, & Material procurement from OEMs
- Streamlines process, improves efficiency, provides economic stability to our vital National industrial base
- Incorporates ‘Just-in-Time’ (JIT) inventories – reduces o/h inventory costs
- Leverages OEM to enforce cost management over Depots

CONS

- Managing cost, schedule and performance is a challenge.
- Potential for OEM to over reach when directing Depots
- Risk to OEMs for Depot - provided assemblies – priced as risk in contracts
- Impeded USG from doing a complete FFP contract with OEMs
PM Stryker Brigade Combat Team

- Infantry Carrier Vehicle
- NBC Reconnaissance Vehicle
- Mobile Gun System
- 120mm Mounted Mortar Carrier
- Commander’s Vehicle
- Anti Tank Guided Missile
- Medical Evacuation Vehicle
- Engineer Squad Vehicle
- Fire Support Vehicle
- Reconnaissance Vehicle
PM Stryker Brigade Combat Team
SBCT Public - Private Partnerships

**PROS**

- Labor Force Is Flexible And Adapting- Adjust Easily To Ramp Ups
- Incorporates Earned Value Management Implementation
- Technologically Advanced Software Systems Available
- Responsive To High Priorities
- Allow Use Of Contract Incentives
- Increase Program Knowledge By Pooling Resources
- Savings In Capital Investments

**CONS**

- Overpromise Of Performance/Schedule
- Partnering Process Can Be Time Consuming
- Communication Among Multiple Partners Adds Complexity
- Balancing Of Workload (Share Ratio) Between The Partners
- Dealing With Intellectual Property
- Identification Of The Ultimate Responsible Party
PM Joint Lightweight 155

Towed Artillery for the 21st Century

M119

M777

M198
PM Joint Lightweight 155

Towed Artillery for the 21st Century

BAE SYSTEMS

Watervliet Arsenal

Our Mission is Our Warfighters' Future
# PROS

- Incorporate best business practices into Defense Depot operations
- Increase Depot throughput
  - Work share
  - Sub-system/component overhaul
- Maintain critical skill sets in Public and Private sectors

# CONS

- Depot Infrastructure (Facilities & Equipment) Investments Limited - Risk For ROI Too High
- Partnerships could be affected by competitive procurement requirements
- Small Inventory May Not Lend To A Partnering Program
PM Robotic Systems JPO

- Abrams Panther
- Assault Breaching Vehicle
- Mini-Andros
- Matilda
- DOK-ING MV-4
- Vanguard
- Gladiator
- Mini-Flail
- Small Unmanned Ground Vehicle
- PackBot
- xBot
- Urbot
- Multifunction Utility / Logistics & Equipment
- Armed Robotic Vehicle
- Autonomous Navigation System
RSJPO Public - Private Partnerships

**PROS**
- Relatively Small Community That Allows For Open And Frequent Communication
- OEMs Have Proven To Be Able To Quickly React To ONS And JUONS
- Have Successfully Integrated Subsystems And technologies From Government Labs And Other Contractors Into Fieldable, Sustainable Solutions
- Working Together Through Quality and Acceptance Testing Has Made Significant Improvements

**CONS**
- Partnerships need to be deliberately investigated when supporting COTS products when supporting OCOs.
- COTS Equipment Room For Improvement – Configuration Management, Interoperability And Commonality
- Time Consuming Process For Both USG and Industry
Government – Industry Partnerships

Leveraging the Best of the Best
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