

**PEO LAND SYSTEMS MARINE CORPS**

***IT'S ALL ABOUT THE WARFIGHTER***



# **PEO LAND SYSTEMS MARINE CORPS Planning Brief to Industry**

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# PEO LAND SYSTEMS MARINE CORPS

*IT'S ALL ABOUT THE WARFIGHTER*



*Who we are...*  
*What we do...*  
*So what?*





- **Established in 2007 to enhance acquisition oversight and focus on an expanding Marine Corps portfolio of ACAT I & II ground and amphibious weapons systems.**
- **Current PEO LS Portfolio consists of Twenty One (21) Programs totaling \$6 B dollars across the FYDP.**



**IT'S ALL ABOUT THE WARFIGHTER**

**ASN (RD&A)**

**Program Executive Officer  
Land Systems Marine Corps**  
**Mr. William E. Taylor**  
**Deputy PEO LS**  
**Col Andrew Bianca, USMC**  
**Chief of Staff, VACANT**

**PEO LAND SYSTEMS  
CORE STAFF & PROGRAMS**

**MARCORSYSCOM  
COMPETENCY ALIGNED  
SUPPORT STAFF**

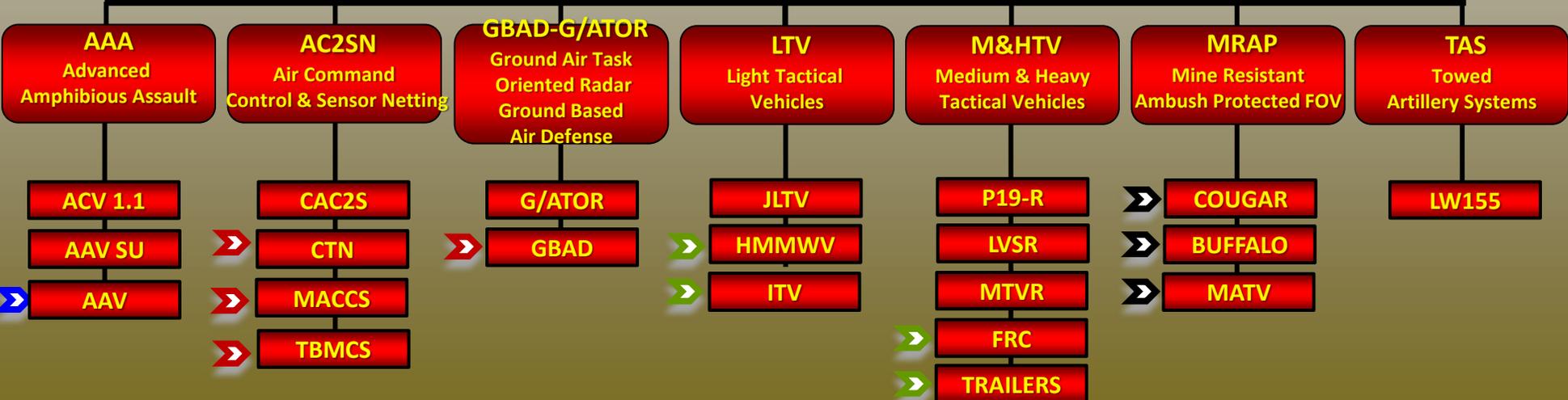
**PEO LS WORKFORCE**  
**MILITARY: 51**  
**CIVILIAN: 324**

**ASN RD&A PROGRAM  
TRANSITION to PEO LS**

- AAV: 1 AUG 2011**
- MOTOR T: 2 DEC 2011**
- C4I: 30 JAN 2012**
- MRAP: 29 JUL 2013**

**ACQUISITION**      **PROGRAM  
MANAGEMENT**

**CONTRACTS**    **CONGRESS  
LIAISON & PAO**    **COST  
ESTIMATING**    **ENGINEERING**    **FINANCE**    **JOINT  
CENTER**    **LOGISTICS**    **SAFETY**    **SCIENCE &  
TECHNOLOGY**

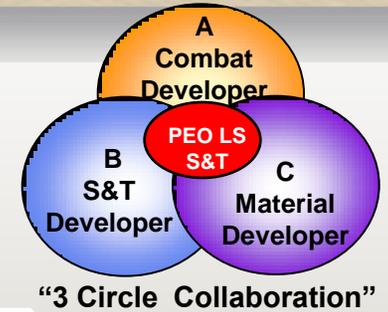




# **‘FOCUSING THE FUTURE FASTER’**

- 1. Accomplished through Concept-aligned, Capability-based technology transitions into Programs of Record (PORs).**
- 2. Success through engagement, collaboration & communication across the S&T Enterprise to better inform, influence and align investments.**

# S&T Concept to Capability Process



### Focus

- PMs Identify Top Program Issues**
- Power & Energy
  - Survivability & Mobility
  - Modeling & Simulation
  - Open Plug & Play
  - Comm. Architecture

### Concepts

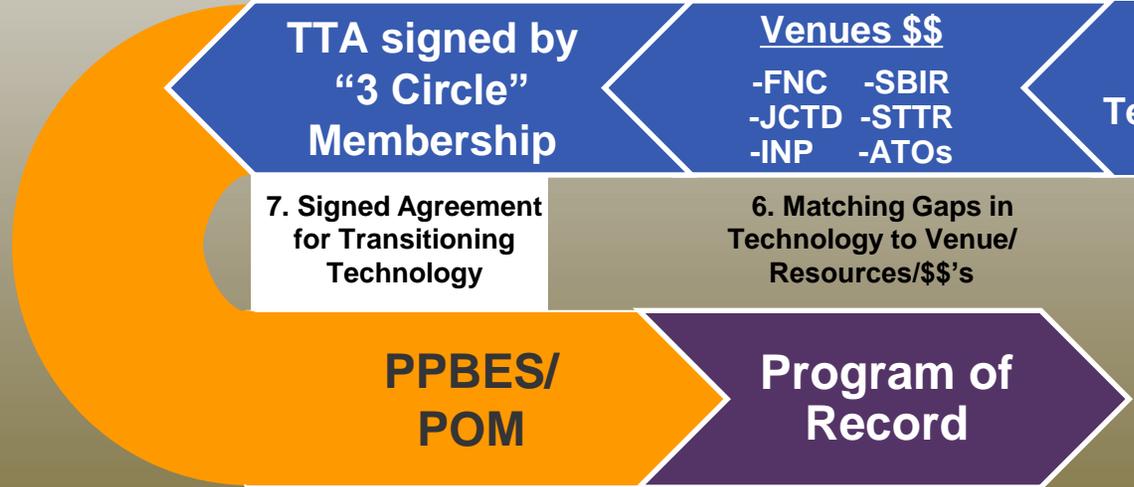


1. Identify Strategic Concepts
2. Identify and Align Concept/Core Capabilities
3. Identity and Alignto MGL – determine all Deltas
4. STO Alignment to Issues or Identified Deltas



7. Signed Agreement for Transitioning Technology
6. Matching Gaps in Technology to Venue/Resources/\$\$'s
5. Matching Requirements with Technology or Identified Deltas

### Follow Through

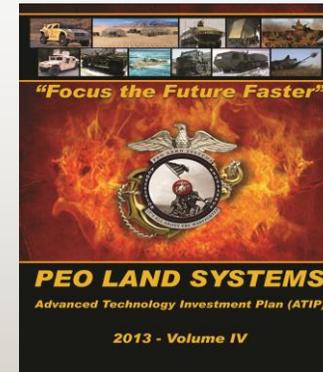
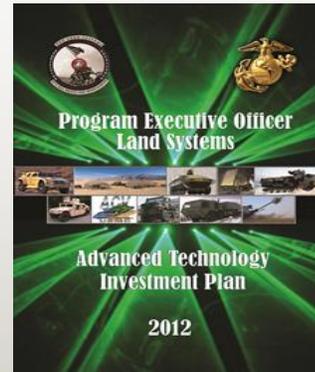


8. Budget for the Technology Insertion/Active role in POM
9. Transition Technology into Program of Record
10. Capability – Leverage all S&T Resources to Close Warfighter Gaps



### Finish

\* Subject to change with the approval of the Marine Corps Force Development System (MCFDS)



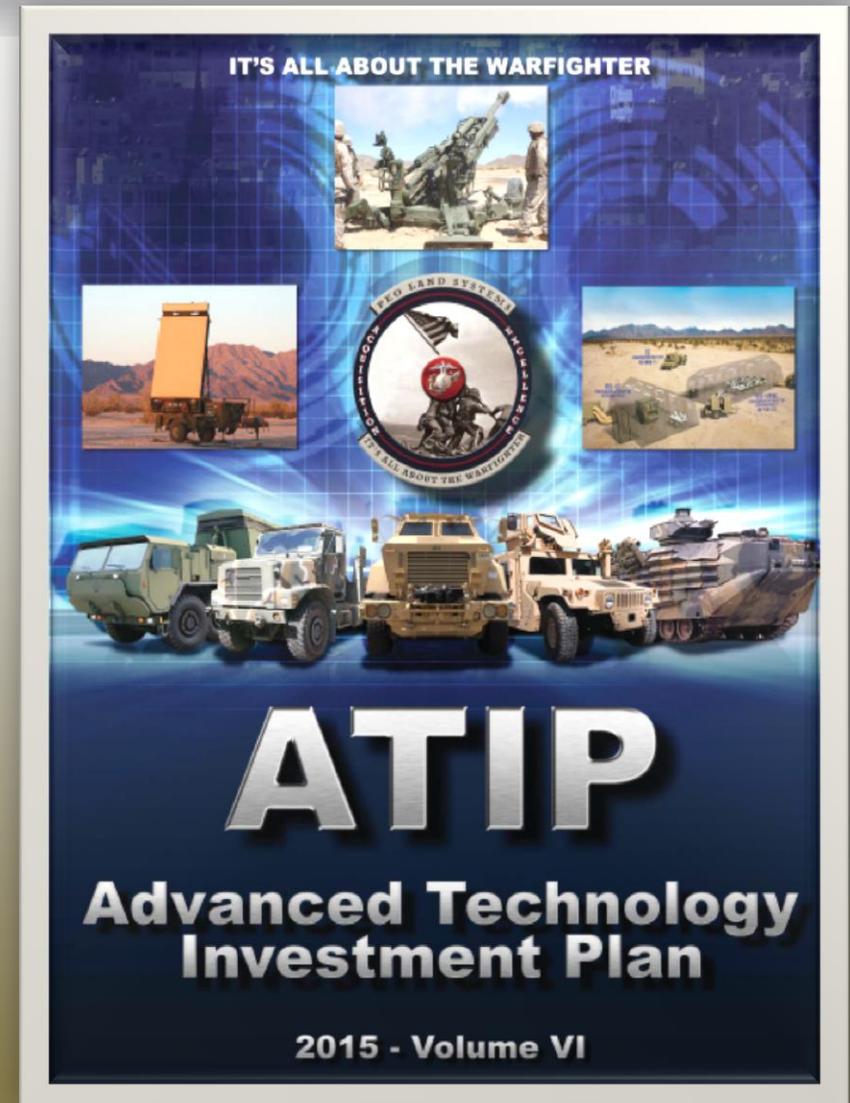
**The ATIP serves as a ‘roadmap’ on how industry can best support PEO LS Program Managers and their associated Technology needs!**

- 1. Identifies the Top Technical Issues within PEO LS**
- 2. Informs, Influences and Aligns S&T Investments**
- 3. Resolve Capability Gaps & Technology Issues**
- 4. Support Technology Insertion and Transition into PORs**

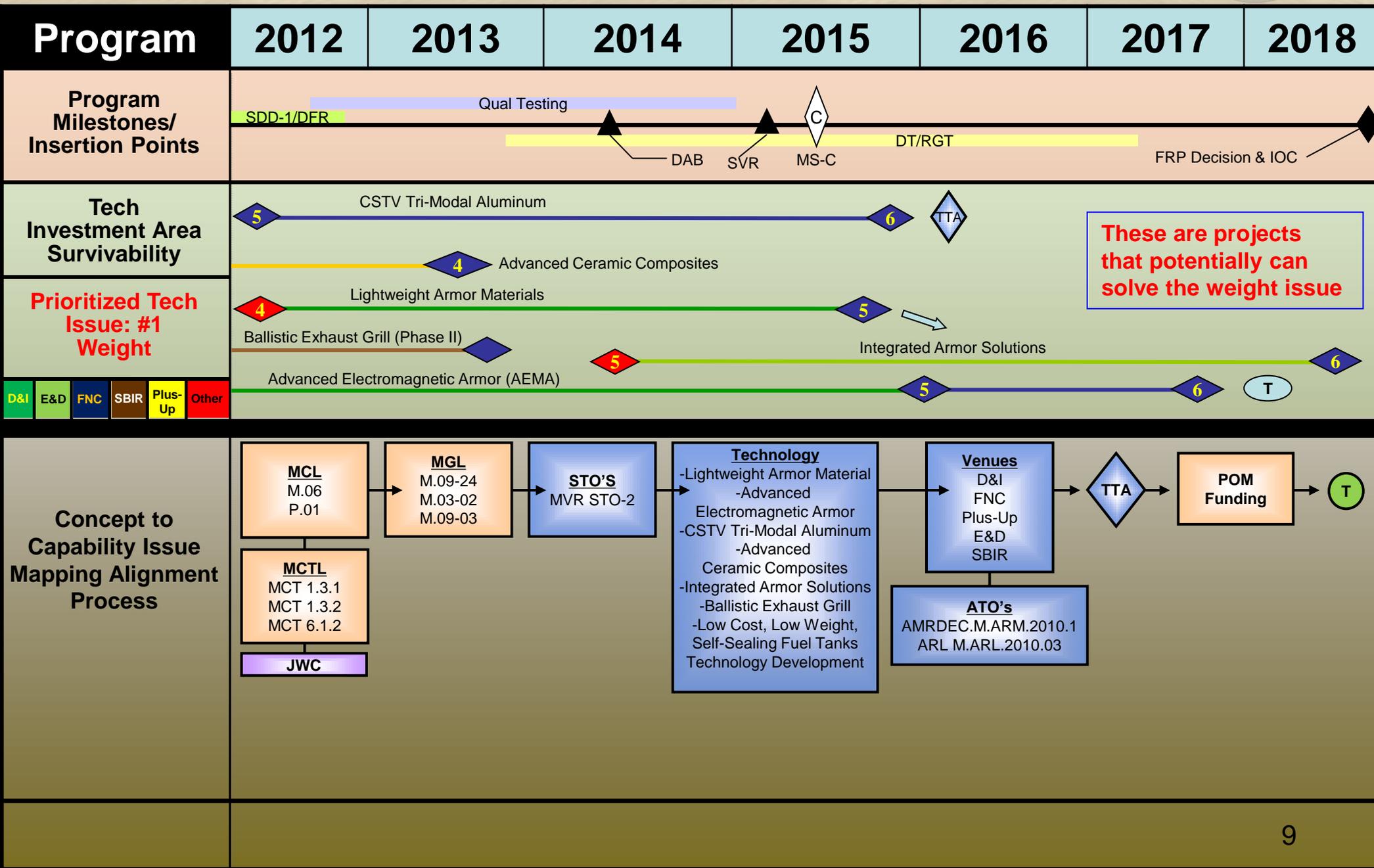
**2016 ATIP will be published in February 2016!**



- **ATIP - Vol 6 - provides an update to the Top Technical Issues of PEO LS Programs**
- **Top Technical Issues vetted through Program Managers**
- **Fosters collaboration, aligns S&T investments, and supports effective, affordable technology insertion within the PEO LS Programs**



Available Electronically @ the Defense Innovation Marketplace (DIM):  
<http://www.defenseinnovationmarketplace.mil/USMC.html>



**These are projects that potentially can solve the weight issue**

**D&I E&D FNC SBIR Plus-Up Other**

# S&T FOCUS AREAS

A soldier in full combat gear, including a helmet, sunglasses, and a rifle, is walking in a desert environment. In the background, a large military vehicle is visible, along with several other personnel standing or walking in the distance. The terrain is arid and sandy.

- **Power and Energy**
  - Fuel Efficiency
  - Power/ Thermal Management
- **Survivability/Mobility**
  - Autonomy/ Corrosion
  - Crew Visibility/Fire Suppression
  - Safety/ Weight Reduction
- **Modeling and Simulation**
- **Open Plug & Play C4I Architecture**



<b><u>S&amp;T FOCUS AREAS</u></b>	<b><u>SBIRs/ STTRs</u></b>
<b>Fuel Efficiency</b>	<b>2</b>
<b>Survivability and Mobility</b>	<b>12</b>
<b>Modeling and Simulation</b>	<b>11</b>
<b>Open Comms Architecture</b>	<b>1</b>
<b>Fuel Containment/ Fire Suppression</b>	<b>2</b>
<b>Power/ Thermal Management</b>	<b>1</b>
<b>Weight Reduction</b>	<b>3</b>
<b>Power and Energy</b>	<b>6</b>

**38 SBIRs/ STTRs totaling \$35.4M (FYDP)**



## **Leveraging Technology**

### **Technology Market Outreach - Engagement**

- ❖ **Publication of ATIP to S&T Enterprise/ Stakeholders**
- ❖ **Over 1000 ATIPs Distributed each year**
- ❖ **#1 Downloaded Document in DoD - Over 30,000**
- ❖ **Posted on the OSD Defense Innovation Marketplace (DIM) website:**  
<http://www.defenseinnovationmarketplace.mil/USMC.html>

### **Communication with Industry –**

- ❖ **Advanced Planning Brief to Industry (APBI)**
- ❖ **S&T Partnership Conferences - ONR & DOD**
- ❖ **US Army Ground Vehicle Systems Engineering and Technology Symposium (GVSETS)**



## **Informed Investments = Affordable Solutions**

- **\$35M in SBIR Funding**
- **\$130M in ONR S&T Funding**
- **\$225M in S&T Funding across the FYDP for PEO LS**

**Average ~ \$32M / PMO of S&T \$\$\$**



**RENOWNED NEW YORK PHILOSOPHER  
WAS ONCE QUOTED AS SAYING...**

*“If you don't know where you are  
going, you'll end up  
somewhere else.”*

**- Yogi Berra**

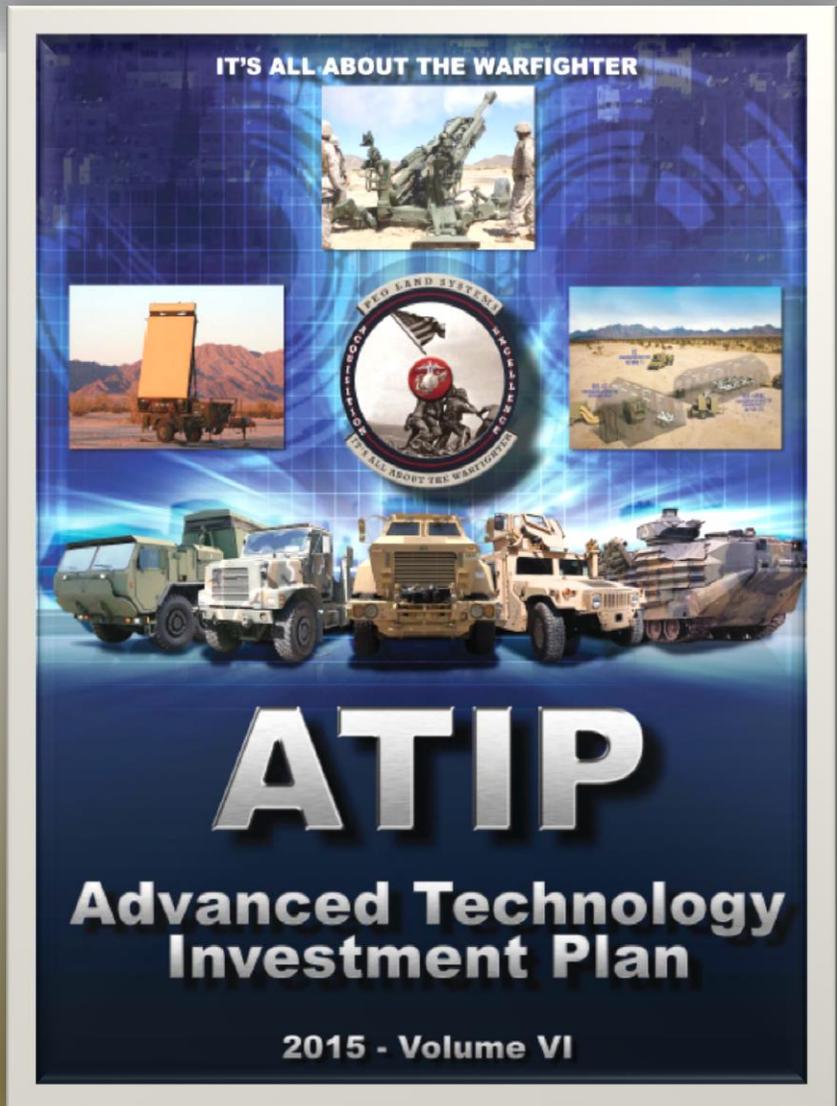
**Where we are  
going...**



- **“Protected Efficient Modular Scalable Affordable Capability”**
- **Reset, Recapitalization & Modernization through “Holistic Modularity”**



- **Current 2015 ATIP -  
Hardcopies & CDs  
Available in PEO LS  
Tent B Booth #2601**
- **Next 2016 ATIP (Vol 7)  
Available in Feb 2016**
- **Posted on DIM !**



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# QUESTIONS

