

Unmanned Ground Vehicles

Virtual Proving Ground

UGV Virtual Proving Ground

- Purpose -

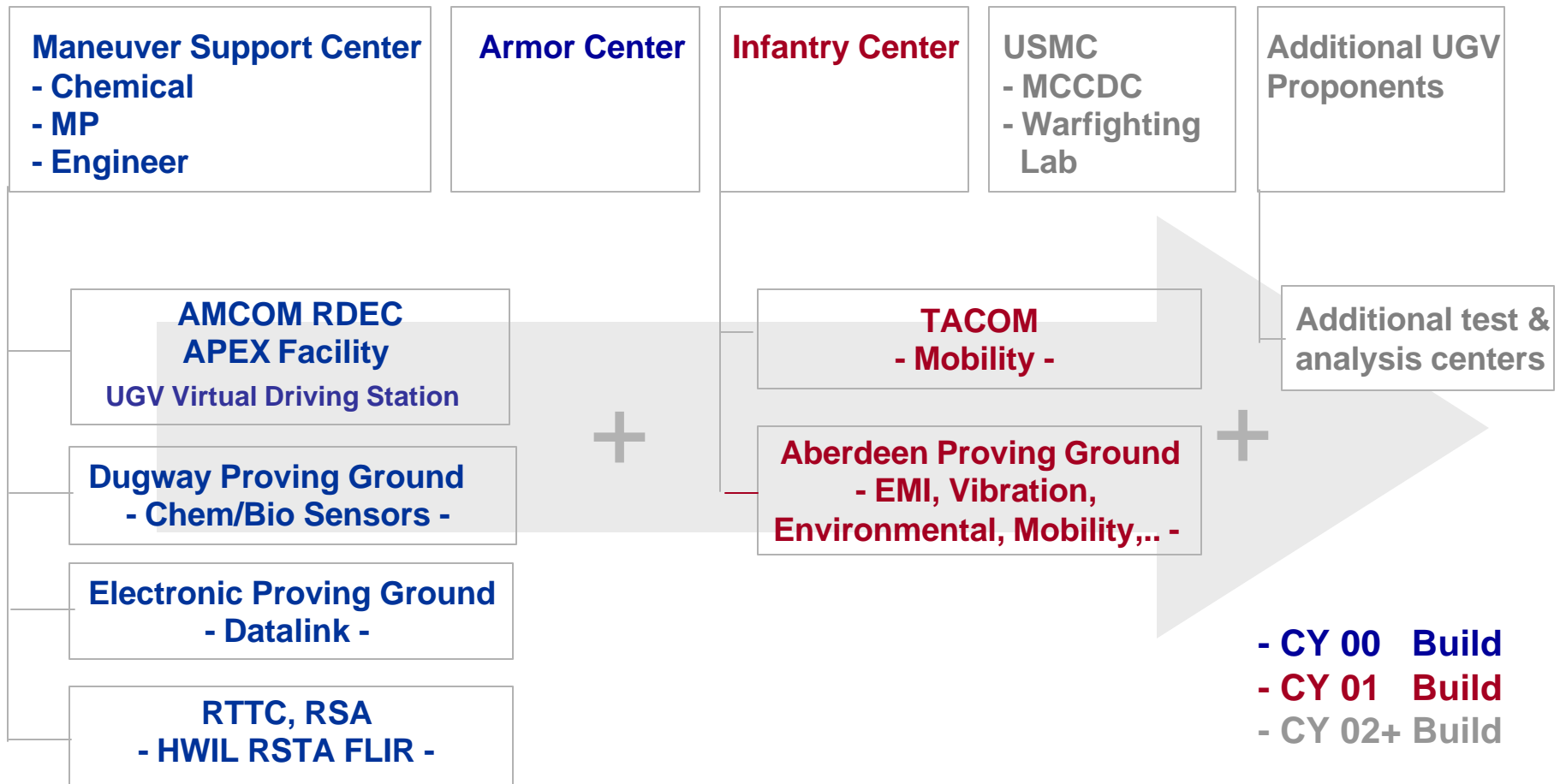
VPG Purpose: Support tests, analyses, and experiments to assist in UGV:

- Requirements Development
- Risk Reduction
- Technology Development & Evaluation



UGV/S JPO VPG Vision - Applying SBA/SMART principles to minimize cost, speed development, reduce risk, & ensure that Soldiers and Marines remain at the center of all system development efforts

UGV Virtual Proving Ground - Participants -



Follow an Open Systems & User Centered Approach to Best Accommodate Future Proponents & VPG Technical Capabilities

UGV Virtual Proving Ground

- Applications -

- **Assist Users in Requirements Development Activities**
 - Tactical Unmanned Vehicle Programs
 - Man Portable Robotic Systems
 - SRS
 - Future Combat Systems (robotic systems/subsystems)
- **Assist S&T Community in Technology Assessments & Development Efforts**
- **Support Developmental Tests & Joint Developmental & Operational Testing**
- **Introduce Hardware/Software Early in the Development Process & Examine in User Environments**

Status & Summary

- **Effort is on schedule for an Aug 00 Proof of Principle**
- **Scenario approved and virtual system development complete**
- **User focused and built with an “open” architecture to accommodate evolving and emerging User needs.**
- **Developing a VPG long range plan**