

Adaptive Thinking & Leadership Culturally Relevant Multi-player Simulation Training System

Sandia Proprietary Information

Multiplayer simulation focuses on developing mental agility, interpersonal adaptability, cultural acumen, and strategic communication skills

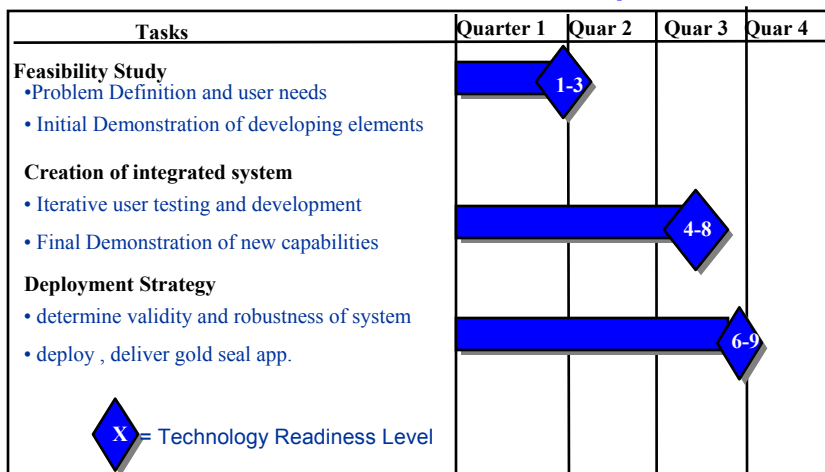


Approach & Existing Technical Elements

- SNL expertise in developing deployable culturally relevant adaptive thinking & meta-cognitive reflection training systems, After Action Review
- Interactive multiplayer simulation with multiple roles facilitates dynamic, collaborative learning
- Innovative assessment of individual, team performance
- Flexible instructor system and scenario authoring tools
- Ability to collect/analyze data on voice communication, actions executed in the game, and real-time evaluations
- Instructors modify scenarios in real-time for adaptability
- Unique scenarios SF, PSYOP, and Civil Affairs
- Performance Metrics map to Training Requirements
- Leverage America's Army Game Platform, UT 2003
- 3 yr + Customer: U.S. Army Special Forces

Culturally Relevant Single-player/Multiplayer Simulation Training System (Afghanistan and Iraq)

Schedule FY06—9 months completed



Applications, Impacts, Benefits

- User learns to recognize general patterns in human behavior and human communication
- Practice applying critical thinking skills to situations not previously encountered
- Hone the ability to envision the ramifications of different courses of action to problems that may not have a "right" answer
- Develop meta-cognitive skills (e.g., experience and reflect on one's performance or others) and provide feedback
- Develop team/community cognition as well as individual critical thinking skills
- Users "personally and intimately" interact with multicultural and culturally specific dynamics in relevant situations or contexts.

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