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Pilot Training
Next
A Clean-Sheet Pilot Training Design
Closed Loop, Data-Enabled Training Vision

Training Process

Assignment

Data

Selection

Evaluation

Training

External Processes
Adult Learning Methods

Gamification

Social Delivery

Self Directed Learning
The Way Things Have Always Been Done
How We’ll Get There

**Transference**
- COTS Hardware/Software
- Compare effectiveness
- Continual refinement

**Methods**
- Set a new culture
- Reorder lessons
- Reimagine content

**Data**
- Establish a dataset
- Make it accessible

**Partnerships**
- Contract for MVP
- Leverage Gov Capes
- CRADA for engagement
AETC Innovation Investment Areas

Goal: Invest in projects whose output is broadly translatable, produce near-term lessons and potentially return at least 10x the outlay (effect, time or money).

• Immersive Education & Training Tools & Methods
• Closed Loop, Data Enabled Education & Training Systems
• Strategy & Technology Education Partnerships
• Transformational Operations & Methods
ATID Industry/Academic Engagement

• We offer an open data architecture and demonstration environment
• Looking to partner with IRaD/applied R&D projects:
  • Data Analytics – What do you need us to collect?
  • Data Visualization – Real Time, Debrief, LMS, “attribute analysis”
  • AI – Augmented instruction, create an adaptive syllabus
  • Prototype demos we can field
    • Open feedback and access to SME’s, real-world data
  • What are we not imagining? Can our environment help develop it?

Open architecture. Robust R&D environment. Rapid acquisition. Global market application