

USAF Performance Evaluation, Tracking and Feedback

Training Needs: Optimizing learning, validating skill proficiency, and longitudinal tracking of performance for warfighters.

Current gaps in pre-structured training:

- Throughput limitations in live training reduces reps, slowing skill progression
- Training is “one size fits all,” but students progress at different levels
- Training programs not accounting for individual levels of learning, progression
- Many environments would benefit from leveraging data-driven training. Are warfighters improving and where are their skills trending over time?
- Proficiency-Based Training (PBT) provides actionable data to decision-makers, to inform optimal mixes of training frequency and subject.



Capabilities In Use

PBT Fielded Components :

1. Live, Virtual and Constructive Network Control Suite (LNCS™) provides battlespace visualization, local and distributed recording and playback, and exercise control for Mission Directors.
2. Performance Evaluation and Tracking System (PETS™) provides operationally validated and continually refreshed measurement library supporting a range of military operations and MD.S
3. PBT provides an Integrated dashboard for Learners, Instructors, and Decision Makers to quickly view individual and aggregate individual and team proficiencies.

Development and Demonstration History

- 2009-18: PETS & LNCS deployed to Aviano AB
- 2015: FVEY distro’s to UK, AUS, CAN, NZ. Integration with RAAF Black Skies 2016
- 2017: PETS into Langley DTC shot tracking capability. ACC RED FLAG RESCUE fields LNCS, PETS as IOS, measurement systems.
- 2018: PETS & LNCS integrated into JPARC
- 2019: PETS & LNCS fielded at USAFE Warrior Prep Center. EPL Certifications awarded (3-yr period).