A rapid authoring, on-demand AR/VR training platform

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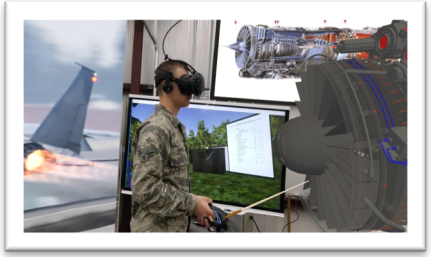

Technical Capabilities

- Enables instructors to quickly create and modify training scenarios and learning pathways to eliminate long lead times for content development and editing
- Allows learners to train at their own pace, asynchronously, in 1-on-1 experiences; content is consistent across skill levels, job classifications and locations
- Accepts standard 3D CAD models as well as 2D file formats (mp4, jpg, pdf); experts record their content (similar to recording a video-based training session)
- Offers easy content distribution, management and administration - content is delivered in conjunction with existing DoD networks
- Provides on-demand training as courses are developed or updated; a mobile app for AR and mobile VR hardware enhance content portability and in-field training
- Integrates interactive assessments to monitor, track and record learner performance
- Creates private channels for different user types (e.g. civilian and military) and a single dashboard manages user accounts, learner progress and content

Value and Innovation

- Realize up to a 70% reduction in training delivery times:
  - 4-hour Mass Casualty Incident Triage training reduced to 40 minutes
  - 8-hour EKG training module condensed to < 2 hours
- Increase efficiencies and decrease costs by as much as 75%:
  - Update & deliver unlimited content; reduce reliance on external content providers
  - Utilize a single content development & delivery platform for multiple learning paths
  - Revise existing training without the need for another procurement process
- Boost learner confidence by up to 95%:
  - Enhance preparedness for EMT national exam and 4H CSTARS validation
  - Improve EDOCS critical equipment maintenance proficiency
  - Enhance learner engagement and satisfaction

Requirement Match & Benefit

- Speeds AR/VR content authoring, editing, viewing & distribution. Requires no coding skills, outside talent, or a large budget - “PowerPoint for AR/VR training”
- Ideal use cases: equipment maintenance training, medical education, mission planning, process instruction, and collaboration across units
- Awarded a USAF Phase I SBIR contract in November 2018 (FA3002-19-P-A100) and a USAF SBIR Phase II contract in August 2019 (FA8649-19-C-A043), and member of 2019 SBIR Technology Acceleration Program
- Serves multiple government units across geographies and training use cases: NIH / NIAID scientists in Uganda and Mali, SBIR Phase III METC (JBSA) AF 59MDW tri-service biomedical equipment techs, SBIR Phase III 27th SOMDG 4N0X1 Aerospace Medical Service Specialists, SBIR Phase II 182nd maintenance (MX) personnel during OJT period, SBIR Phase II 182nd CBRNE response training
- Proven in commercial markets across healthcare, manufacturing and education
- Significant IP war chest protects freedom to operate, creates competitive barriers to entry, and offers global route to market