Virtual Reality Training for NATO Operational Equipment

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NATO SATCOM Deployable Equipment

TSGT T2 Configuration

TSGT T1 Configuration
• Key maintenance activities in the field are not performed well
• Maintenance activities have high error rates
• Even if operators have been trained on specific activities, they often are not able to perform them in a real operational environments

• SATCOM training doesn’t reach in a timely manner the audiences who require it (obviously aggravated by the recent COVID19 crisis)
• Continuous improvement on the training content and methodology is difficult, because there is no data available about student performance after training completion
• Remote delivery of SATCOM training is difficult
• Limited availability of live equipment and classroom space
• Good topic for experimentation ..
1. Digitise real equipment (JFC Brunssum – Netherlands)
2. Build Training packages 3D Environments
3. Build LMS to handle 3d Assets, Delivery and Tracking
4. Training Integration (build into planned course)
5. Evaluation
6. Report
7. Next steps .....
Training Structure / Process

Learn - Self-Paced familiarisation with VR

Practice - Instructor Led at training location on VR

Train - Instructor led on live equipment with AR Support

Perform - Maintenance/Operation/Trouble shooting on live equipment with AR Support including remote SME’s
Live Demo
More Information

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Websites
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