DIGNITAS TECHNOLOGIES

Delivering high quality, innovative system and software solutions to solve our customers' complex challenges.

Capabilities Statement

Dignitas Technologies is a small business dedicated to providing agile solutions to meet our customers Modeling, Simulation, and Training (MS&T) requirements. We specialize in system and software engineering, courseware, analysis, design, development, testing and fielding of MS&T applications.

Core Competencies

Live, Virtual, Constructive, and Gaming (LVC&G) Training environments and Mission Command Systems. LVC&G terrain database correlation.

Synthetic Environments Computer generated and Semi-Automated forces. Dense Urban Environments, GIS modeling. Geospatial database generation, 3D visual models, and 2D/3D visualization tool. Weather modeling.

Mixed Reality Solutions Immersive, low-cost virtual and augmented reality systems for collaboration, training, and mission rehearsal.

Machine Learning/Artificial Intelligence/Adaptive Learning Mature, adaptable intelligent tutoring system interoperable with various simulation and training applications. ML/AI capabilities in computer vision, feature extraction, action/pattern recognition, object detection, and other research. Data mining, analysis, and visualization.

Courseware Development Analysis and development of material for instructor led classes and self-directed interactive multimedia instruction (IMI) Levels 1-4.

Cyber Training & Testing Cyber Training solutions for LVC&G and cyber range testing events.

Information Services Systems integration and infrastructure connectivity. Virtualization, cloud computing, and data center support. Network optimization and help desk operations. Cybersecurity processes, analysis, and protection.

Differentiators ☑

- Experts with the development and management of large complex training systems and architectures
- Advancing simulation technology and transitioning capabilities to acquisition programs
- Small business innovation, speed, and flexibility combined with experienced leadership and competitive rates
- CMMI Level 3 appraised processes, agile DevOps practices

Key Contracts and Experience ☑

- Contract vehicles: SeaPort-NxG, GSA Multiple Award Schedule, AFLCMC/XI, Oasis SB Pool 1 and 3, SBIR Phase IIIs
- **Army** LVC IA, DIL, NCRC EPOS, STE TSS/TSMT/RVCT/SVT/OWT, CCTT, AVCATT, CDT, SE Core, GTS, CPM Next, JLCCTC, OneSAF
- **Air Force** F35 Training, AETC
- **Navy** ACTS, NSCM, ERDE, MRTS, LCS
- **SOCOM** GICSA, Fed Co Pro
- **Marines** ECS MATOC, ITE

DIGNITAS TECHNOLOGIES

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Dignitas™	BVI™	Courseware Development	CyberBOSS™	Adaptive Learning