

## Quantum3D Provides

### Simulation and Training Systems Engineering

- Hardware Integration
- Software Integration
- High Performance Server Architecture, Design
- Integrated Visual Systems
- Partial Mission, Full Mission Training Systems
- Ruggedized System Development & Testing

### Simulation and Training Software Engineering

- Windows, Linux, VxWorks
- Application Development
- Real-time Systems
- Image Generation
- Image Processing
- Sensor Simulation
- Sensor Data Processing and Fusion
- Computer Vision
- Video Processing and Compression
- Augmented / Mixed Reality Software Development
- Virtual Reality Software Development
- Cybersecurity Hardening Services

### Mechanical Engineering

- Industrial Design
- Man-worn System Design Consideration
- HMD Design & Ergonomics
- Ruggedization

### Field & Customer Service

- Flight Training Services
- Customer Training
- Complex Server Systems Installation
- Returns / RMA Handling
- Failure / Reliability Analysis

### Program Management

- Simulator Modernization Program
- Integrated Scheduling
- Transition Support
- Subcontractor Management
- Technical Training Document Management
- Simulator and Training Equipment Relocation

### Visual Simulation Database Design

- TerraVista, Creator, ArcGIS, Photoshop Tools, CDB, TrianGraphics
- 3Dsmax, Maya Modeling Tools
- Imagery Acquisition and Integration
- Custom Design per Customer Requirements
- Rapid Prototyping
- Custom Scenario (Air, Infantry)
- 3D Modeling and Content Development
- Level D Airport Development
- Custom Terrain Development
- Large Existing 3D Model Library

### Manufacturing

- In-house Full System Assembly
- Electronic & Mechanical Assembly
- Testing (Environmental, Physical, Mfg)
- Supply Chain Management
- Lifecycle Management
- Logistics Management

### Sales

- Business Development
- New Product Category Development
- Bids & Proposal (Commercial/Military/Global)
- Global Expertise
- Export Management and Compliance

DUNS: 93-878-2596  
CAGE: 1G2D4  
Primary NAICS: 334511  
SIC Code: 38120200

### Product Portfolio

- Image Generators (IDX, MANTIS and more)
- Multi-channel Visual Systems
- Level D Flight Simulators
- Parachute Simulators
- Virtual Firearms Simulators
- Air Traffic Control Simulators
- Forest Firefighting Simulators
- Mixed and Virtual Reality Visual Simulators
- Maintenance Trainers
- And more

### Customers Include

- Lockheed Martin
- Boeing
- The Spaceship Company
- Anduril
- Raytheon
- Adacel
- Honda
- TRW
- Thales
- Acme World-Wide
- CAE
- Embraer
- Reiser
- Visual Technology
- J.F. Taylor
- Virgin Galactic
- KAI & KSSI (Korea)
- L3
- Stratolaunch
- Conair
- TUSAS (Turkish Aerospace)
- LUFTHANSA
- And more

### Simulator Successes

- Boom Operator Weapon System Trainer (BOWST)
- F-35 Flight Simulators
- Landing Signal Officer Trainer
- Dismounted Soldier Simulator
- And more

Quantum3D provides training and simulation technologies, integrated solutions and services for the commercial, civil and defense markets worldwide. We believe that training is fundamental for the people who operate complex equipment in an ever-changing environment. Whether you are a pilot training and preparing for unexpected emergencies, or a firefighter working as a team to deal with changing weather patterns to put out large fires, or a parachutist preparing for a drop into a new location, or a team of soldiers readying for deployment to fight an unknown enemy, or a mechanic fixing complex and critical equipment in a safe and timely manner, we believe that success and safety of personnel is best achieved through preparation and training and Quantum3D is the leading provider of simulation technologies, content, solutions and services to provide this necessary training.

## Products and Technology for your Training & Simulation Needs

Today, our capabilities, technologies, solutions and services provide fixed-wing or rotary wing flight training, aerial refueling training, infantry training, ground vehicle training, jumper training, fire fighting training, maintenance training, air traffic control training, firearms training and more. Whether you want to integrate the world's most scalable Image Generator into your training platform or upgrade your current simulator with the latest technology, or purchase new simulation platforms, Quantum3D has the technology and capabilities to meet your training

## Training & Simulation Design & Development

Whether it's integrating an aerodynamic host package with an Image Generator for a flight training device or a custom Instructor Operator Station (IOS) to enable instructors to introduce training challenges to students, or customizing new visual capabilities within an Image Generator, or instrumenting your weapon type into a firearm trainer Quantum3D's team of engineers designs, develops and integrates technology for your unique training needs.

A training device is a combination of hardware, software, systems and content all working together to accomplish the defined training objective.

## Quality & Service

Quantum3D's Quality Policy reflects our strong commitment to provide high quality products and services that consistently meet or exceed the requirements of our customers.

Operating and maintaining platforms and centers for training and simulation requires personnel, experience and technical know-how to ensure your facility or your simulation platform is operating and functional when needed. Quantum3D can work with you to maintain and service your training center and offer retrofit and upgrade options to keep your investment in simulation platform current and modern.

Visit our website at [www.quantum3d.com](http://www.quantum3d.com) or contact us at [sales@quantum3d.com](mailto:sales@quantum3d.com) or +1 408 600 2500 to discuss with our simulation and training experts.

## Notes

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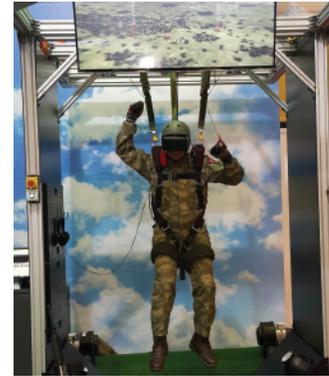
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UAV



Forest Fire Fighting Training Simulator



Parachute Simulator



Mixed Reality Visual Simulation System



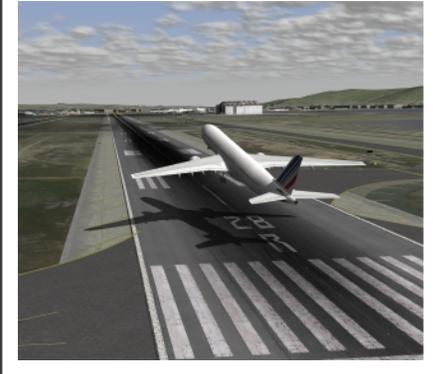
ATC Tower & Radar Simulator



Flight Simulator



Simulator Modernization Program



Synthetic Environments & 3D Model Library



FIVE  
Forces in Virtual Environment



MANTIS® Image Generation Software



Augmented Reality Applications



Independence® IDX 90 &  
IDX 900 & IDX 9000  
Image Generator