Critical Technologies Inc.

Superior Engineering Solutions

Capabilities

Networking
Sensor
Storage
Wireless
Signal processing

Location
1001 Broad Street, Suite 400
Utica, NY 13501

Contact
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Mission

Develop and rapidly commercialize emerging dual-use information technologies, bridging the gap between research and application.

Company Overview

- Located in Technology Center, Utica, NY
- More than 8,000 square feet of office and lab facility
- Serving military and commercial clients for over 10 years

Core Values

Corporate & individual growth
Benefit to the customer - Contribution to the team
Creativity * Diversity * Expertise * Flexibility * Integrity
Capabilities

Superior Engineering Solutions

Staff

Experience

- Advanced degrees
- Patents, publications
- Professional association affiliations
- Average over 15 years

Staff Mix

- 8 Systems, Hardware, and Software Engineers
- 2 Support Staff
- College Interns
Superior Engineering Solutions

R&DTE

Capabilities

Turnkey Research, Development, Testing & Evaluation

Supporting the complete system life cycle

- Planning & Feasibility
- Requirements
- System Design
- Implementation
- Integration / Test
- Acceptance, Installation, Deployment
- Maintenance & Support
Signal Processing
- Sensor system development
- Data capture, management and evaluation

Wireless Networking
- Mobile and remote communication
- Internet access

Storage Networking
- On or off-site real-time data backup
- Disaster recovery for business continuance

System Development and Integration
- Meeting challenges through product development
- Delivering cost effective solutions
Signal Processing

Capabilities

- Software and hardware aspects of signal processing
- Conversion: analog to digital / digital to analog
- Adaptive filtering
- Non-stationary, non-linear signal processing

Turning data into decision quality information
Critical technologies inc.
Superior Engineering Solutions

Capabilities

Wireless Networking

Interoperable & remote data storage and retrieval

Command and control of mobile forces
Capabilities

Superior Engineering Solutions

Storage Networking

Products for:

✓ real-time remote data back-up

✓ hot-siting for disaster recovery & business continuance

✓ location independent data sharing

Nonstop Networks®
Superior Engineering Solutions

Capabilities

Clients

- SPAWAR
- Space and Naval Warfare Systems Command
- Millennium Antenna Corporation
- NORTHROP GRUMMAN
  Information Technology
- borg
  Internet Services
- MiraLink
- Defense Advanced Research Projects Agency (DARPA)
- AATD
- AVIATION APPLIED TECHNOLOGY DIRECTORATE
- Homeland Security
- Air Force Research Laboratory

Advanced Research Projects Agency
Why Critical Technologies?

- Broad experience exploiting advanced technologies for diverse applications
- Strong proposals/report writing skills
- Prime/sub-contractor teaming experience
- Relationships with area technology firms
- Low overhead; local to AFRL
- Security cleared small business

Products are our focus!