WAVE TECHNOLOGIES

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- **Systems Engineering** • **Technical Services** • **MASINT Analysis**

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Systems Engineering

- Systems Integration • Program Management • Technical Architecture Development

Wave Technologies provides Systems Engineering, Program Management, Architecture Development, and Systems Integration for the **Army Research Laboratory and Army Intelligence and Security Command (INSCOM)** under a GSA FTS contract. We provide Army ISR architecture development and engineering, intelligence and analysis center planning, implementation, and operations, MASINT analysis, and system planning, integration, and testing.

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Experienced Technical and Domain Experts

WTI provides technical and program management support services to establish and support the US Army Intelligence and Security Command's (INSCOM) Urban Warfare Analysis Center (UWAC).   Tasking includes a wide range of technical support services including developing requirements and establishing and supporting an operational-intelligence support activity for urban warfare focusing on urban warfare information fusion backed by massive relevant data storage, modeling and simulation tools, high capacity communications, and technologies across the full spectrum of urban warfare. WTI provides a technical and programmatic approach to leveraging equities across the DOD and the Intelligence Community (IC) to enable distributed knowledge discovery and real-time distribution for operational entities in the planning and execution phases of urban warfare.
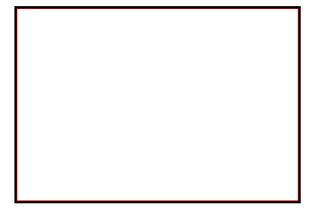
Wave Technologies provided Systems Engineering and Technical Support (SETA) support to the **Joint Precision Strike Demonstration's (JPSD) Loitering Electronic Warfare Killer (LEWK) unmanned aerial vehicle (UAV) program** under a GSA FTS contract. Wave Technologies personnel provided programmatic and financial management assistance, flight test oversight and reporting, C4ISR architecture development and engineering, flight, ground station, internal measurement, computer component, and avionics system planning, integration, and testing.

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Technical Services

- Information Technology Services • Special Program Support • Command and Control System Engineering

Wave Technologies supports specific Naval Research Laboratory codes with C4ISR architectural, program management and contract review service for special programs. WTI developed a database that provided a management tool for all of the software development and consultation services being provided by a series of independent companies.   We also provided purchasing support for technical hardware and networks and provided support for technical document management.

Wave Technologies supports database maintenance and the audio-visual center at the Defense Threat Reduction Agency (DTRA) as a subcontractor to CSC (DynCorp).

Certified Engineering

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MASINT Analysis

Wave Technologies supports The National Ground Intelligence Center (NGIC) with support services including technical

oversight, technical guidance, analysis, and exploitation support for government-defined Measurements and Signature Intelligence (MASINT) data sets.

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Telecommunications

- Wired and wireless networks   • Wide Area Networks   • Metropolitan Area Networks   • Local Area Networks   • Voice over IP
- Full telecommunications systems engineering, design, installation, and support

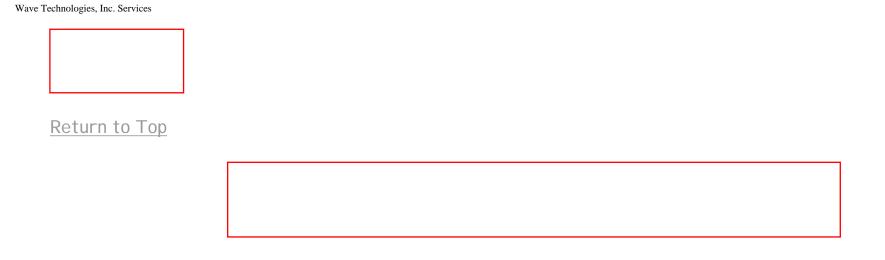Specific examples of our telecommunications experience include:

The Robeson County, N.C. Sheriff's Department network contract which included the design, installation, and implementation of a 192 workstation network including personal computers running the Windows 2000 operating system, a mainframe computer, centralized patch panel, Cisco 3524 and 3548 routers, and over 13,000 feet of CAT 5e (enhanced) cable and fiber optic cabling. The systems is up and operating and certified at 100 Mbits.

Commercial contracts which included operating a rural ISP and telephone company and providing wireless internet services for businesses in two North Carolina cities. Wave Technologies' ISP provides telephone dial up and wireless internet services for over 600 clients including small businesses in Lumberton and Pembroke , N.C.

Wave Technologies' patented product line of disaster recovery/continuity of operations networking support tools is called the Universal Network and Internet Point-Of-Presence (UNIPoP^{TM})

State of the Shelf Wireless Internet

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Other Qualifications

- Quality and service-oriented • Large and small contracts • Top Secret Facility security Clearance • Staff cleared up to and at the TS/SCI and special access (with polygraph) security levels

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Contact our Sales and Service Department

To contact our Sales and Service Department, please call Bill Axelrod, our COO, at 703 801-7727 or click the icon below to e-mail us.

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