



*Working to Protect America's Future.*

## SERVICES

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Army Research Laboratory (ARL) and Intelligence and Security Command (INSCOM)

Wave Technologies supports U.S. Army's Intelligence and Security Command (INSCOM) and Army Research Laboratory (ARL) initiatives for the transition of emerging information and intelligence technologies to satisfy high priority operational requirements. Tasking includes a wide range of IT support Services that include technical oversight, technical guidance, analysis, and exploitation support.

WTI scientists and engineers support INSCOM and ARL in Warfighter support programs including platforms, sensors, and technology engineering and integration. We do research and development, systems engineering, integration, testing, training, and combat evaluation of Intelligence, Surveillance, and Reconnaissance (ISR) rapid prototype programs. We also provide on-site R&D services at ARL and INSCOM.

WTI's programs include:

- **Warfighter-in-a-Bubble.** WTI personnel worked with military intelligence personnel in units preparing for deployment to determine their most pressing ISR needs, developed quick response, affordable solutions, and helped soldiers field the systems.
- **Unattended Transient Acoustic MASINT System (UTAMS).** WTI engineers provide UTAMS systems engineering and training for soldiers who use and maintain UTAMS, deploy with UTAMS to operating sites, and conduct operational, technical, and training support across the USCENTCOM theater of operations.
- **Persistent Threat Detection System (PTDS).** Wave Technologies supported the development, integration and combat evaluation of PTDS. Working closely with our ARL and INSCOM clients, we were instrumental in moving from concept to IOC in Iraq in a 9 month period. We, and our subcontractors, currently conduct PTDS combat evaluation and effectiveness assessment in Iraq. PTDS has become a Program of Record. We are assisting our clients in that transition which includes fielding additional new PTDS suites in Iraq and Afghanistan.
- **Urban Warfare Modeling Environment (UWME).** Wave Technologies is researching and developing a new generation of urban warfare dedicated capabilities including modeling, representation, and simulation, dedicated urban warfare knowledge base, and set of ontology-based information extraction and packaging tools for knowledge discovery.



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