

## **National Radio Frequency RD&T Transfer Center**

This project will continue support of the National Radio Frequency (RF) Research, Development, and Technology Transfer Center, which provides an efficient method of transitioning new technologies into DoD programs of record to provide for performance improvements at lower cost for the war fighter. The Center leverages the considerable academic, industry, and government capabilities to identify promising RF technologies, match developers and manufacturers, conduct proof of concept demonstrations, and provide necessary risk reduction for and maturation of new technologies to allow rapid insertion into military systems.

The Center resolves the disparity between state-of-the-art RF technologies and operational RF technologies fielded in our US armed forces. Currently, innovations discovered by small business research projects, university research, and commercial applications are not effectively being transitioned into war fighting systems. RF technologies evolve rapidly and acquiring RF technologies that support active and passive detection, identification, and engagement of threats is a critical military technology need. Despite the advantages RF technologies offer, they frequently are not fielded in an effective or rapid manner. The Center will bridge the gap between science & technology developments and operation requirements. This will be a cooperative effort consisting of numerous components of the emerging national security economic sector.

The objectives of the Center are: 1) leadership in transitioning innovative RF and electronic technology into DoD programs of record, 2) elimination of barriers to technology transition and bringing products to maturity, 3) providing an incubator/innovator for RF and electronic technology, 4) leveraging technical innovations across the national security sector to include, DoD, DHS, DoE, and NASA. The project received support from the Department of Defense Technology Transfer account for fiscal year 2009 in the amount of \$4 million.