150,000 USA CERDEC SBIR Phase I Award): Tactical Cyber Immune System (TCIS)

The objectives of this Phase I STTR (in collaboration with the University of Arizona) are to:

1. *develop a proof-of-concept prototype system that implements active change detection and passive learning models for non-stationary environments (e.g., large volume data stream that change over time);*
2. *a framework for hybrid/passive learning methods for learning in high-volume data streams;*
3. *provide a recommendation system for cybersecurity applications that face non-stationary streaming environments;*
4. *provide a benchmark using synthetic and real-world data sets along with statistics that measure the overall efficacy of the proposed approaches.*