

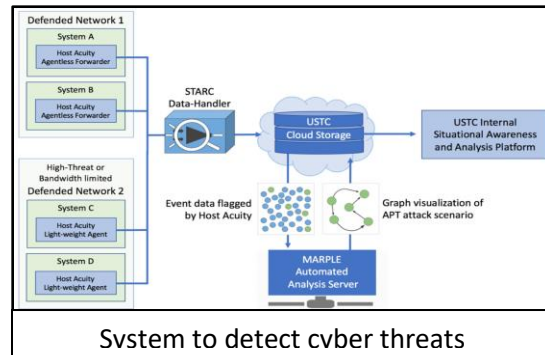


## USTRANSCOM Science and Technology

### Operationally Transparent Cyber (OpTC)

**Project Summary:** Provides ability to:  
(1) identify the provenance of all system elements, (2) dynamically track APT causality, (3) record system behaviors, and (3) improve both forensic and near real-time situational reasoning. OpTC will allow analysts to rapidly identify, track, and eliminate malicious

**Benefit:** OpTC detects and mitigates cyber threats against wireless devices (both commodity items like cell phones and wireless components of mobility platforms), networks, and command and control systems in near real-time to maintain uninterrupted operations. OpTC includes predictive analysis techniques to dynamically assess future threats, attack vectors, and attacker intent to anticipate actions before they happen.



**Duration of project:** FY18-FY21

**Participants:** Air Force Research Lab, United States Transportation Command

**Project advocacy (funding or otherwise):** TCJ6