



## USTRANSCOM Science and Technology

### Cyber Mission Assurance Capability (C-MAC)

**Project Summary:** The objective of this proposed research is to develop and deliver a set of services that will recognize disruptive events or potential disruptive events, understand their impact, determine a response, and choose and implement the response that best balances addressing the cyber threat while minimizing mission impact.

**Return on Investment:** The operational concept diagram highlights the general operational interactions and use case where C-MAC would provide operational continuity. As a result of this continuity it is expected that measureable improvements to issue resolution time will be achieved. Additionally, the impact to operational metrics and requirements could be substantial. C-MAC would ensure that in nominal and off-nominal conditions: response time to fulfill customer logistics orders is within requirement, the general supply chain and execution costs associated with fulfilling customer orders is within requirement, and execution/movements are completed within the latest allowed delivery constraint.

**Duration of project:** FY14 - FY16

**Participants:** Air Mobility Command, Air Force Research Lab

**Project advocacy (funding or otherwise):** Air Mobility Command, Air Force Research Lab

**Transition:** Command and Control of Cyber Assets for Mission Assurance

