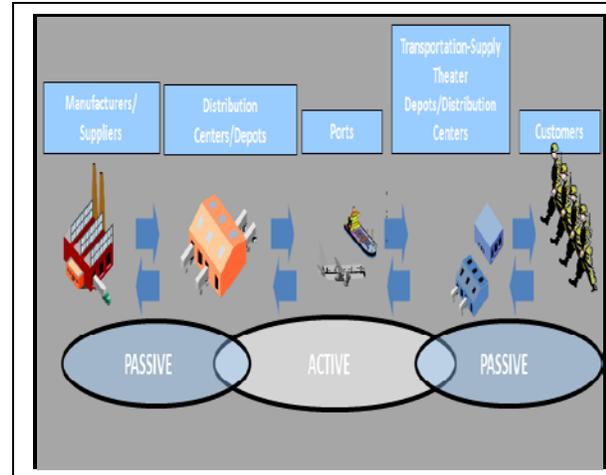




USTRANSCOM Science and Technology

Long Range Passive RFID

Project Summary: This project will deliver the next evolution of passive Radio Frequency Identification (pRFID) technology that will reduce initial implementation/installation costs, minimize the impact of system maintenance and sustainment on site operations and provide more accurate pRFID tag reads of inventory and in-transit shipments. It will identify the potential for capturing tag reads at much greater distances than is possible today.



Return on Investment: The primary ROI realized will be an immediate reduction in RFID hardware costs, which translates into a lower cost of sustainment and maintenance. The increased accuracy resulting from using long range pRFID will produce improved inventory control, less lost cargo, reduce re-ordering and improve timely reporting of customer receipt.

Duration of project: FY11-13

Participants: USTRANSCOM TCJ5/4, US Army PMJ-AIT, University of Pittsburgh Swanson, Concurrent Technologies Corp.

Project advocacy (funding or otherwise): USTRANSCOM, US Army

Transition: Upon measureable proof that Long Range pRFID provides both economic and functional value or completely fills a distribution pipeline gap for the DoD, a viable transition plan will be developed.

USTRANSCOM POC office code: TCJ5/4-TA: AIT Implementation Branch/618-229-4109