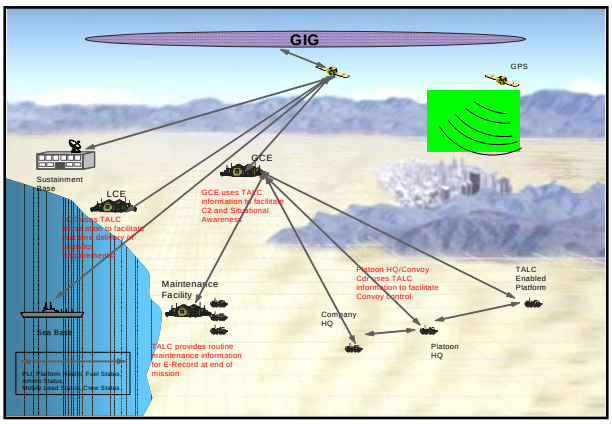
USTRANSCOM Science and Technology

Next Generation Autonomic Logistics (NGAL)



Project Summary: This project will develop and test mobile mesh networks and data management software that will communicate the status of tactical assets in the area of operations and provide in-transit visibility of supporting logistics operations. Ground vehicles will be equipped with embedded sensing and reporting capability that are linked into communication networks that move timely status information throughout, up, and out of theater.

Return on Investment: The objective is to solve the data reporting problem that exists because of lean communications in the tactical area of operations. The ground vehicle, as a "node", is a critical part of bridging strategic deployment and distribution processes to operational and tactical functions in support of the warfighter.

Duration of project: FY09-FY12

Participants: United States Transportation Command (USTRANSCOM), United States Marine Corps (USMC), United States Army (USA), Penn State University

Project advocacy (funding or otherwise): USMC

Transition: USMC Autonomic Logistics Program

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