## Ares Dynamic Network Automation

Project Summary: Ares DNA is a private, permissioned transactional blockchain network integrated with an identity blockchain that controls access to the transactional blockchain. This combination provides a cryptographically secured, network of decentralized databases for mission-critical logistics data integrity, assurance and highly granular access control to create or update transactions based on a user's role. Blockchains complement traditional cryptographic methods to assure the integrity of transactional information, like logistics data, but also C2 mission data.
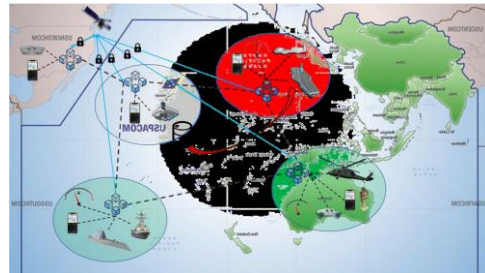
Benefit:

•Hardens the weakest link in the USINDOPACOM cyber vulnerability – commercial Logistics.

•Cost avoidance of mission compromise or supply interdiction during initial RSO&I is immeasurable. Continued cyber compromise makes sustaining conflicts nearly impossible.

Duration of project: FY22 – FY23

Participants: OUSD OE-I, USINDOPACOM J46X, Tachyon Networks LLC

Project advocacy (funding or otherwise): OUSD-OE-I, USINDOPACOM J46X