



**Society of American Military Engineers
4th Annual Joint Training and Education Day**

**Leveraging Innovation, Industry, and
Academia to Improve the Joint Logistics
and Engineering Enterprise**

**Major General Edward F. Dorman III
Director, Logistics and Engineering, U.S. Central Command**

Definitions for Today's Keynote Presentation

Two of MG Dorman's talking points will be leveraging innovative Operational Energy as a combat multiplier as the institution of the LOGWerx program at CENTCOM.

Operational Energy (OE) is defined as the energy required for training, moving, and sustaining military forces and weapons platforms for military operations, and includes energy used by ships, aircraft, combat vehicles, and tactical power generators. From hay for Napoleon's horses to coaling stations for the Great White Fleet to fuel for General Patton's breakout from Normandy to the advent of aerial refueling and underway replenishment to supporting distributed contingency bases, energy - mostly petroleum - is a prerequisite for military power. Increased anti-access/area-denial threats from near-peer adversaries require us to look beyond traditional fuel supply lines and innovate to project and sustain power anytime, anywhere.

LOGWerx (combination of Logistics and stylized version of Works) will be an ecosystem of Logistics and Engineering stakeholders, Industry and Academia partners who work in a collaborative environment to accelerate creative thought outside the DoD environment to provide commanders a framework for addressing short-term capacity constraints across the logistics and engineering enterprise while creating innovative solutions to address 21st century sustainment challenges.