



Power Management Kit

FY10-11 TechSolutions project



OPERATIONAL NEED

Objective: Reduce weight, size, number of batteries and chargers required for EOD equipment.

Value to Warfighter:

- Reduce the size, weight, and component count of batteries and charging devices.
- Provide alternative charging methods
- Eliminate duplication of power sources

Impact if Not Addressed:

- Current size and weight of chargers needed for EOD equipment is a great burden to the warfighter and transport

Submitter: LCDR at COMEODGRU TWO



SOLUTION

The Technology:

- Smart adapters and cables to interface with additional equipment/batteries.
- All interfaces are intelligent, requiring no user input.
- Capable of charging or sourcing power from any of the batteries.

NRE Performer: NSWC Crane

Partners:

- Protonex Technology Corp
- Science Applications International Corporation

BUSINESS CASE

Project Cost:
\$ 539K

Start date: MAY 2010
End date: MAY 2011

Status:

- Five kits undergoing field evaluation by EODTEU TWO
- Kit components now available via GSA schedule

S&T Focus Area: Power and Energy