

**CHECK
ENGINE**

PREDICTIVE SUSTAINMENT

REAL-TIME DATA



THE PROBLEM

The reliance on delayed, manual reporting prevents Army units from reliably capturing the real-time status of maintenance faults and consumables supplies like fuel, ammunition, and water. As a result, logistics units are unable to conduct predictive sustainment, forcing them into reactive operations that slow down combat operations. Transmitting accurate and timely logistics and maintenance reports would enable Army units to effectively sustain maneuver forces.

THE OPPORTUNITY

The Army is seeking solutions that capture real-time data directly from vehicle platforms and provide maintenance and logistical needs (faults, fuel, water, ammunition) to command and control systems.

How to Apply: White papers must be submitted via email to: predictive-sustainment@aal.army Please send with the subject "Predictive Sustainment: Real-Time Data Special Notice"

Solutions should include:

- Provide data on maintenance faults and on hand fuel, water levels, and munitions
- Integrate with select wheeled platforms from Armored Brigade Combat Teams (ABCTs)
- Support common protocols, standards, and plugs to connect to the vehicle ECU via CAN (Controller Area Network) bus
- Transmit data collected from vehicle platforms to command centers
- Be prepared to integrate into NGC2 and ATAK systems

IMPORTANT DATES

Applications Open: May 19, 2026

Webinar: May 28, 2026 at 10:00 AM CT

White Papers Evaluation Completed by AAL Date: 23 June

Applications Close: July 9, 2026

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