



Call for Innovation (CFI)

- Objective:** The EDGE Network is requesting Member collaboration to provide requirements and specifications for an electronics cooling system.
- Requested Innovation:** This request is for specifications and an active partner for an electronics cooling system. Ideally, the electronics system will benefit from or require an active cooling system that maintains electronics temperatures at or below ambient temperature. The requirements are needed to establish a product definition for a funded SBIR Phase II program with CERDEC. Ideally, the application will be fielded within 12 months, and address a critical capability required by the procuring program.
- Description:** The focus of this Call For Innovation (CFI) is to solicit prime contractors and mid-level electronics integrators for electronics cooling requirements that are necessary for the fielding of new or existing electronics systems. The technology that will address this requirement is a miniature refrigeration system that will be tailored to meet the specifications determined by the procuring program and the teaming partner. A variety of refrigeration technologies, including a miniature compressor, control system, evaporator, condenser, and expansion valves will be brought to bear on the final solution for the cooling system. At this time, the electronics can be air, liquid or direct refrigerant cooled.
- Targeted Timelines:**
- Confirmation of interest in CFI and request for supporting documentation no later than 16 June 2010
 - One-on-One discussions on technology with The EDGE Network Team
- Contact Information:** Jim Burnett jburnett@aspensystems.com