



WARRIOR INNOVATIONS

## Call for Innovation (CFI) Opportunities for Member Consideration

**Objective:**

The EDGE Network is requesting Member collaboration to advance technologies associated with Targeting via Micro Air Vehicle for an immediate need aligned to the USAF Battlefield Air Operations kit.

**Requested Innovation:**

The focus of this Call for Innovation (CFI) is to identify SAASM GPS devices that can be integrated into existing micro air vehicles to enable highly accurate and timely geolocation of targets in a selective availability / jammer rich environment. The goal is a highly compact, lightweight Selective Availability / Anti-Spoofing Module (SAASM) compliant GPS module for application in micro air vehicles.

**Description:**

Micro air vehicles currently use utilize commercial GPS technology which is susceptible to loss of positioning accuracy in the event of application of selective availability and do not possess the ability to resist intentional or unintentional jamming or spoofing (attempts to alter the calculated location). By military standard operating procedures, non-SAASM GPS derived data cannot utilized in the directions of fires without further verification of the target location by other means.

The desired innovation resulting from this CFI is to provide equipment that would allow operators in the field to geo-locate and prosecute targets without the need for secondary verification of target location.

**Targeted Timelines:**

- \*Confirmation of Interest in CFI no later than 17 October 2008
- \* Overview/Whitepaper on Technology Concept by 24 October (Prefer the delivery of white paper to be delivered with CFI intent on 17 October)
- \* One-on-One discussions on technology and capability demo with The EDGE Network Team – 30 October

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