Amount Requested: $3,000,000

Replacing batteries in stationary and mobile sensors presents both cost and logistical challenges for the Department of Defense (DoD). Current batteries do not have desired operational lifetimes and are too heavy to be integrated into next generation sensor applications. The proposed project focuses on implementing a long-life betavoltaic battery into two key DoD autonomous sensor programs - personal status monitoring (PSM) & anti-tamper (AT.)