

July 2005

Smart Sensor Systems, Inc Awarded NIST SBIR Grant

Smart Sensor Systems, Inc of Loveland, Colorado, was awarded a Phase I Small Business Innovation Research (SBIR) grant from the National Institute of Standards and Technology (NIST). The Phase I grant is for research of a homeland security IEEE 1451-compliant wireless smart sensor network with localization capability. Smart Sensor Systems has been invited to submit a proposal for a follow-on Phase II grant.

The Phase I award is listed at http://patapsco.nist.gov/ts_sbir/fy05phase1award.htm. The specifics of this award are at http://patapsco.nist.gov/ts_sbir/abstracts/05abst1.htm.

The Phase I project specifics are:

TOPIC: 9.04 HOMELAND SECURITY

SUBTOPIC: 9.04.1-2 Wireless Smart Sensor Network with Localization Capability

TITLE: Wireless Transducer Interface Module for Smart Sensor Network with Localization Capability to develop an IEEE 1451 compatible geolocator to be used by first responders.

Smart Sensor Systems, Inc is a leader in IEEE 1451 smart sensor standards, development and networks. IEEE 1451 is an emerging "smart sensor" standard currently being developed. Smart Sensor Systems contributes a leading role to two IEEE 1451 committees developing the standards for smart sensors; IEEE 1451.0 and IEEE 1451.5. The 1451.0 committee is the Common Functions and Protocols, and TEDS Formats Working Group. The 1451.5 committee is the Wireless Sensors Working Group. The IEEE 1451 standard will provide total interoperability of 1451-compliant sensors.