



(DOD PHOTO)

SENSIAC

# Military Sensing Information Analysis Center

The Military Sensing Information Analysis Center (SENSIAC) is a Department of Defense (DoD) Information Analysis Center (IAC), funded by the Defense Technical Information Center (DTIC). SENSIAC specializes in Military Sensing Technology (MST), including infrared and electro-optics; lasers; radar; acoustics; infrared countermeasures, electronic warfare/electronic countermeasures, and counter-countermeasures; sensor and data fusion/net centric warfare; nuclear, biological, and chemical sensing; among others. SENSIAC provides products and services for the research, design, development, test, and evaluation, as well as operation of systems employing MST in support of national defense and homeland security.

SENSIAC provides free inquiry services for problem solving, bibliographic and library research, and referral to its Subject Matter Experts (SMEs) in the sensing field. We capture information through Technology Watch, refine the information into knowledge, and incorporate it into searchable databases and effective products.

SENSIAC provides services to all levels of government, government contractors and subcontractors, educational institutions, and infrastructure/tech-base organizations applying sensing technologies to the defense of the US. SENSIAC enables the progress of military sensing, and its mission is to make jobs that relate to military sensing easier, faster, more efficient, and less costly.

SENSIAC provides a unique team of university research institutes that is helping redefine

military sensing state-of-the-art products. The SENSIAC Team includes Georgia Tech/GTRI, Penn State/ARL, Johns Hopkins/APL, University of Central Florida/CREOL, SUNY at Buffalo/CUBRC, University of Arizona, Utah State University/SDL, and the Rochester Institute of Technology. This “think ahead of the box” team:

- Leverages over \$3B in annual applicable research,
- Is an independent “trusted agent,”
- Spans all military sensing, and
- Is available to both government and industry.

SENSIAC satisfies the military sensing community’s needs with a full-service array of products and services:

- Access to the archives of military sensing
  - over 60,000 technical documents dating back to the 1940s.
- Information Products and Services:



- Free call-in problem solving, informational searches and compilations, and references to Subject Matter Experts
- Extended research, studies, and technical support through Technical Area Tasks (TATs)
- SENSIAC responds to both government's and industry's research requirements using an expedited contracting system
- SENSIAC easily accommodates efforts from small studies to mega-projects involving hundreds of researchers and engineers. This contract provision applies throughout government and industry, requires minimal procurement paperwork, and no sole-source justification.
- The SENSIAC Educational Program (SEP) with more than 100 MST-related courses providing practical real-world continuing education, mentoring, and certificate programs
- Operation of the eleven Military Sensing Symposia (MSS) specialty groups annual symposia, providing a protected forum (through the TS/SCI level) in which developers and users share sensing knowledge

SENSIAC serves a broad community with varying needs:

- Basic Research...researching lattice structures in detector materials
- Phenomenology...measuring foliage penetration of specific radar frequencies
- Applied Research...fabricating a prototype device or engineering model, such as new type of seismic sensor

## CONTACT US:

SENSIAC  
 925 Dalney Street  
 Atlanta, GA 30332  
 Tel: (404) 407-7367  
 Fax: (404) 407-9372  
<http://www.sensiac.gatech.edu>  
[sensors@gtri.gatech.edu](mailto:sensors@gtri.gatech.edu)

Director  
 Tel: (404) 407-7788  
 F3F Director  
 Tel: (404) 407-7788  
 DSbZ FV8YgW  
 5Z[VXEUW f]ef  
 Tel: (404) 407-7788

Tana Maurer  
 Contracting Officer's Representative  
 Army Night Vision and Electronic  
 Sensors Directorate  
 Tel: (703) 704-1415  
[tana.maurer@us.army.mil](mailto:tana.maurer@us.army.mil)

- line tests of sensor resolution
- Program Management...helping formulate plans for acquiring and deploying operational systems, analyzing which sensor to use in a micro-Unmanned Aerial Vehicle (UAV)
- Warfighter...providing aids to operational decision makers who must decide whether to apply aircraft with allweather radar or Forward-Looking Infrared (FLIR) to a mission
- Warfighter...providing durability information for optical windows to ensure adequate spares to operations and maintenance personnel who are responsible for maintaining sensing equipment in the field
- Policy Makers...providing DARPA trade-offs regarding alternative, next-generation infrared imaging technology