



## Capabilities

Our customers value SSC's rigorous engineering approach executed by the best real-time software design talent available.

### *Engineering Capabilities*

- Acoustic Surveys
- System Design
- Real-time embedded controller development
- System integration and installation at customer facility

### *Applications for any setting*

- Military
- Commercial
- Land
- Air
- Underwater



## Company Overview

SSC specializes in acoustic surveillance, reconnaissance and active noise control. Our mission is to revolutionize noise control with our state of the art technologies.

- Founded in 1995 by Dr. Larry Riddle
- Small, high technology research and development firm located near BWI Airport
- 90% of technical staff have graduate degrees; 30% doctorate
- 50% of engineers have 10+ years signal processing experience
- Highly successful Small Business Innovation Research Program (SBIR) recipient:
  - 30 Phase I SBIRs
  - 18 Phase II SBIRs
  - 5 Phase II.5 and Phase II Enhancements
  - 9 Phase III transitions
  - 2 RIF funded projects



## Customers

SSC combines a deep understanding of advanced technologies with exceptional skill in meeting our customer's needs. We have developed innovative signal processing solutions for dozens of government and commercial customers including:

- Naval Air Systems Command (NAVAIR)
- Naval Sea Systems Command (NAVSEA)
- Department of Homeland Security (DHS) S&T
- DARPA Strategic Technology Office (STO)
- Army Research Lab (ARL)
- Special Operations Command (SOCOM)
- Northrup Grumman (World Class Team Award 2014)
- BAE Systems
- Lockheed Martin
- General Dynamics
- Johns Hopkins University Applied Physics Lab (JHUAPL)
- Boeing

## Products

*SSC excels at transitioning its state-of-the-art research to the field*

### Software

- MAC prototype signal processing software (CMAP)
- Likelihood Ratio Tracker (LRT) Snippet Scoring and LRT for MAC
- Tactical Acoustic Inversion Toolbox (TAIT/TAIT-C)
- Environmentally Assisted Processing (EAP)

### Hardware

- Ground Vehicle Sensors
- Unattended Ground Sensors
- Active Noise Programmable Controllers

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