

We put science to work.™

SRNL is a DOE National Laboratory
operated by Savannah River Nuclear Solutions.

Facts

about Savannah River National Laboratory

U.S. DEPARTMENT OF ENERGY • SAVANNAH RIVER SITE • AIKEN • SC

srnl.doe.gov

SRNL Fast Facts

- > Located at the U.S. Department of Energy's Savannah River Site near Aiken, South Carolina
- > Operated by Savannah River Nuclear Solutions
- > The National Laboratory for DOE Office of Environmental Management
- > Provides expert consultants in the areas of chemical, biological, radiological, and nuclear technologies to aid in addressing regional, national, and international security concerns
- > Supporting a range of international programs and partners, SRNL has completed work in over 50 countries across the globe

Contact Information

SRNL Office of Communications
803.725.4396



SRNL Global and Homeland Security Secure Data Collection and Archival

The Savannah River National Laboratory (SRNL) has extensive experience providing Data Collection System (DCS) infrastructure, software and operations support for test and evaluation events. SRNL uses the proven Department of Homeland Security accredited DCS for customized tests as well as automated interfaces for equipment under testing, ground truth instruments, global positioning systems (GPS), and weather-related data technologies.

SRNL can archive event information for offsite data access and review, allowing for both immediate evaluation and final analysis. SRNL has the computing and engineering abilities necessary to provide quick, customized solutions. It also has the cyber security expertise to deliver approved and secure data collections systems.



Stand-off Radiation Detection Systems (SORDS)



Satellite Tracking

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Housed within the National Security Directorate at SRNL, Global and Homeland Security has subject matter and project management expertise in fuel cycle technology. This world-recognized competency includes all areas of nuclear nonproliferation, hazardous materials training, and more. Global and Homeland Security tailors projects, courses, and assessments for specific, customer-oriented goals in training, teaching, testing, and leading cutting-edge research and analysis.

Available testing support systems include:

- Global Positioning System deployments (+/- 4 cm accuracy) with relative positioning for marine deployments
- Mobile wireless networks
- Federal Information Processing Standards (FIPS) 140 certified components for encryption
- Suite B classified solutions
- On-site DHS virtual network throughout the Savannah River Site
- Video data collection and analytics
- Weather data collection
- Custom electronics and robotics



On-boat data collection



Data collection during radar testing



Meteorological Monitoring



Savannah River National Laboratory[™]
OPERATED BY SAVANNAH RIVER NUCLEAR SOLUTIONS

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