

# Global Security

at the Savannah River National Laboratory

srnl.doe.gov

We put science to work.™



Testing at the Health Physics Instrument Calibration Laboratory



Data collection during radar testing

## Interested in finding out more?

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## Data Collection and Archive Capabilities

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

SRNL has the ability to archive event data for offsite data access and analysis in near real time and for final analysis. SRNL possesses computing and engineering expertise to provide quick custom solutions with cyber security expertise to deliver approved and secure data collections systems.

Available testing support systems include:

- > GPS system deployments (+/- 4 cm accuracy) with relative positioning for marine deployments
- > Mobile wireless networks
- > FIPS 140 certified components
- > Suite B classified solutions
- > Onsite DHS virtual network throughout the Savannah River Site
- > Video data collection and analytics
- > Weather data collection
- > Custom electronics and robotics



Stand-off Radiation Detection Systems (SORDS)



On-boat data collection



**Savannah River National Laboratory**™

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