



The **US Naval Research Laboratory's Code 5770** has prototyped, produced, and delivered the SIMDIS™ 3-D Analysis and Display Toolset to the DOD community.



SIMDIS provides either a 2-D or a 3-D display of the normally **seen** data such as platform position and orientation, as well as the **unseen** data such as the interactions of sensor systems with targets, countermeasures, and the environment.

## Display and Analyze

The SIMDIS toolset includes custom tools to analyze and display data for:

- Equipment Modes
- Spatial Grids
- Ranges
- Angles
- Antenna Patterns
- RADAR Cross-Section
- Line-of-Sight
- Lasers
- RF Propagation
- Lines of Bearing



To meet the demanding needs of today's range operators, simulation users, analysts, and decision makers, SIMDIS provides multiple modes of operation for:

- Live Display
- Interactive Playback
- Scripted Multimedia Modes

SIMDIS also provides capability for manipulation of post-processed data and integration with charts, graphs, pictures, audio, and video for use in the development and delivery of high impact three dimensional presentations.

At the Naval Research Laboratory and other sites, SIMDIS has been used for numerous simulations, tests, and training applications. The high-fidelity analysis and visualization capability provided by the SIMDIS toolset is an invaluable asset for analyzing disparate test data in a common frame of reference.

SIMDIS has been independently accredited and certified by Commander Operational Test and Evaluation Force (COMOPTEVFOR) and the Joint Staff, J7 Joint and Coalition Warfighting. SIMDIS has a **DOD Distribution Statement A**, meaning it is approved for public release; distribution is unlimited. SIMDIS also has an active Authorization to Operate (ATO)/Type Accreditation from the US Navy and a Certificate of Networthiness (CoN) from the US Army.

## Key Operational Display System For:

- Fleet Area Control and Surveillance Facility, Virginia Capes (FFVC)
- Missile Defense Agency (MDA)
- Naval Undersea Warfare Center (NUWC)
- Pacific Missile Range Facility (PMRF)
- Southern California Offshore Range (SCORE)
- Test Resource Management Center (TRMC)
- White Sands Missile Range (WSMR)
- Yuma Proving Ground (YPG)

In addition to the DOD, SIMDIS has gained acceptance in other US and foreign organizations.