

# Esri Technology for Defense

Bring Geographic Knowledge into Decision Making



# A Clear Mission Picture

Esri gives you the geographic knowledge you need to get a complete view of your mission.

Our geospatial technology helps answer the questions and solve the problems your defense organization faces daily. You receive actionable information in easy-to-understand digital maps and secure applications, including desktop, server, portal, cloud, and mobile solutions.

Esri software and services can power many aspects of your military operations. You can use it to do the following:

- **Provide situational awareness.** Where are the hostile and friendly forces?
- **Collect information in the field with mobile devices.** What is the enemy's disposition?
- **Conduct intelligence gathering and analysis.** When and where might the enemy strike?
- **Determine a course of action.** After the scenarios are visualized in advance, what are the best options?
- **Collaborate with unit commanders to rehearse and execute the plan.** How can you bring together all the plan's elements to accomplish the operation?
- **Share information with other units.** How can you help others accomplish their missions?
- **Disseminate information.** How can all command levels, from officers at headquarters to mounted and dismounted warfighters in the field, fight off the same map?

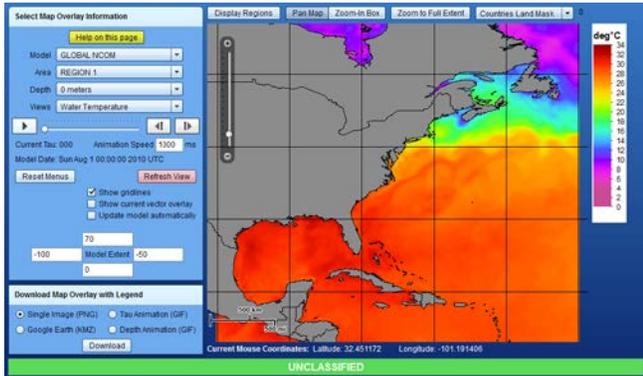
With Esri® technology, your organization gets the geospatial intelligence it needs to plan and manage missions wisely. Knowing what's happening where maximizes the chance of success, saving lives, time, and resources.

## Learn More about Esri Technology for Defense

Read how organizations like yours use geospatial technology for defense, intelligence, and national security at [esri.com/defensestories](https://www.esri.com/defensestories).

## A Proven Track Record

Defense organizations around the world require the means to quickly deliver accurate geospatial information to warfighters, commanders, intelligence staff, and planners.

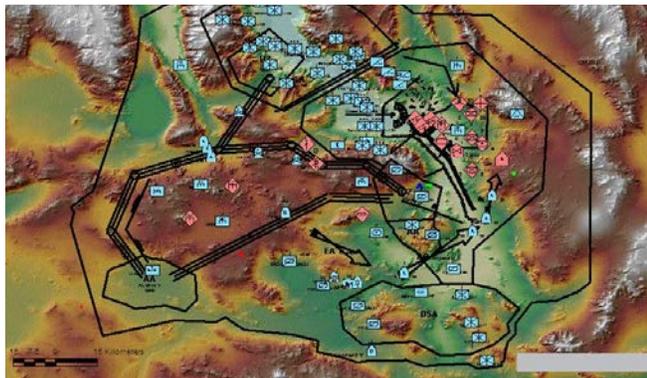


US Navy and civilian mariners can easily access ocean data such as coastal ocean surface temperatures.

Many defense organizations turn to Esri's geospatial technology to support their plans.

## NAVOCEANO Geospatial Data Services

The Naval Oceanographic Office (NAVOCEANO) launched the Geospatial Data Services program to meet the rising demand from US Navy warfighters and civilian mariners for accurate information. This included up-to-date nautical charts, ocean temperature forecasts, and bottom sediment maps. Esri technology quickly serves oceanographic data and models and supplies an intuitive mapping interface that enables users to find oceanographic information and request advanced analysis.



NATO commanders depend on situational awareness to make operational decisions.

## NATO Core Geographic Services

NATO personnel working on security, peacekeeping, and humanitarian missions need fast and easy access to up-to-date geographic information. NATO geospatial staff use Esri technology to produce maps, map services, and image services; conduct geospatial analyses; and provide other geospatial data throughout the NATO commands, including the International Security Assistance Force (ISAF) headquarters in Afghanistan.



The US Air Force GeoBase staff can quickly retrieve imagery for analysis.

## US Air Force Air Combat Command GeoBase Program

The GeoBase program uses Esri technology to deliver imagery and other information to geospatial information officers (GIOs) and their staff worldwide. The solutions worked well following the magnitude 7.0 earthquake that struck Haiti in January 2010. Analysts managed, delivered, viewed, and analyzed a constant flow of geospatial information that helped route food, medical supplies, and other humanitarian aid to the country.



Understanding our world.

Esri inspires and enables people to positively impact their future through a deeper, geographic understanding of the changing world around them.

Governments, industry leaders, academics, and nongovernmental organizations trust us to connect them with the analytic knowledge they need to make the critical decisions that shape the planet. For more than 40 years, Esri has cultivated collaborative relationships with partners who share our commitment to solving earth's most pressing challenges with geographic expertise and rational resolve. Today, we believe that geography is at the heart of a more resilient and sustainable future. Creating responsible products and solutions drives our passion for improving quality of life everywhere.



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