Installations and Environmental Management in Defense

Mission Support with Geographic Information Systems
GIS Supports Installations and Environmental Management

**Application Areas**

- **Manage Facilities and Properties**
  - Facility managers use GIS to manage and plan for maintenance, tracking, and analysis of properties.
  - The TRIBCA suite of real estate and workplace applications provides tools for real estate management, including data entry, maintenance tracking, and space planning.
- **Manage Environmental and Cultural Resources**
  - Environmental managers use GIS to manage and analyze environmental data, such as land use, vegetation, and natural resources.
  - TRIBCA also offers tools for environmental management, including GIS-based systems for managing environmental data.
- **Manage Ranges and Training Areas**
  - Range managers rely on GIS software technology to manage and analyze data for training exercises.
  - GIS supports installations and environmental management

**User Experiences**

- **Emergency Operations**
  - Emergency managers use GIS to visualize and analyze land use data for incident management.
  - GIS training application provides GIS tools to help emergency managers to analyze, visualize, and query summary information.
- **Manage Environmental and Cultural Resources**
  - Environmental managers use GIS to make land-use planning decisions.
  - NERMS integrates emergency responders, police, and firefighters with a standard set of easy-to-use tools to manage emergency calls.
- **Manage Ranges and Training Areas**
  - Range managers rely on GIS software technology to manage and analyze data for training exercises.
  - GIS supports installations and environmental management

**Partner Solutions**

- **Vulnerability Assessment and Critical Protection Software Application from Prologic, Inc.**
  - Prologic, Inc. provides a vulnerability assessment and critical protection software application, which provides analysis with high-resolution modeling and visualization.
  - The application includes tools for assessing risk, performing line-of-sight analyses, and developing pre-deployment plans.
- **CommandPoint® from ERDAS IMAGINE**
  - CommandPoint provides information about road closures, evacuation routes, and the demographics of those affected by the emergency.
  - CommandPoint is fully integrated, scalable, and expandable.
- **Surface Danger Zone Tools from Geographic Information Services, Inc.**
  - Surface danger zone tools allow for the management of safety during training exercises.
  - These tools can combine multiple SDZs and identify impacted areas.
- **GeoConsole from CAAM® HLL**
  - GeoConsole allows emergency managers to perform quality control of the data.
  - The application includes tools for assessing risk, performing line-of-sight analyses, and developing pre-deployment plans.
About ESRI

For four decades, ESRI has been helping people make better decisions through management and analysis of geographic information. Our culturally diverse staff work with our business partners and hundreds of thousands of people who use GIS to make a difference in our world.

A full-service GIS company, ESRI offers support for implementing GIS technology from the desktop to enterprise-wide servers, online services, and mobile devices. GIS solutions are flexible and customizable to meet the needs of all our users.

Our Focus

At ESRI, we focus on promoting the value of GIS and its applications throughout the world and pay close attention to our users’ needs. Our software development and services respond to our customers with products that are easy to use, flexible, and integrated. Our technology is multidisciplinary, productive, and valuable to our users.

We have a strong commitment to educating our customers through ESRI’s various training programs. ESRI is a socially conscious business and invests heavily in issues regarding education, conservation, sustainable development, and humanitarian affairs.

Contact ESRI

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