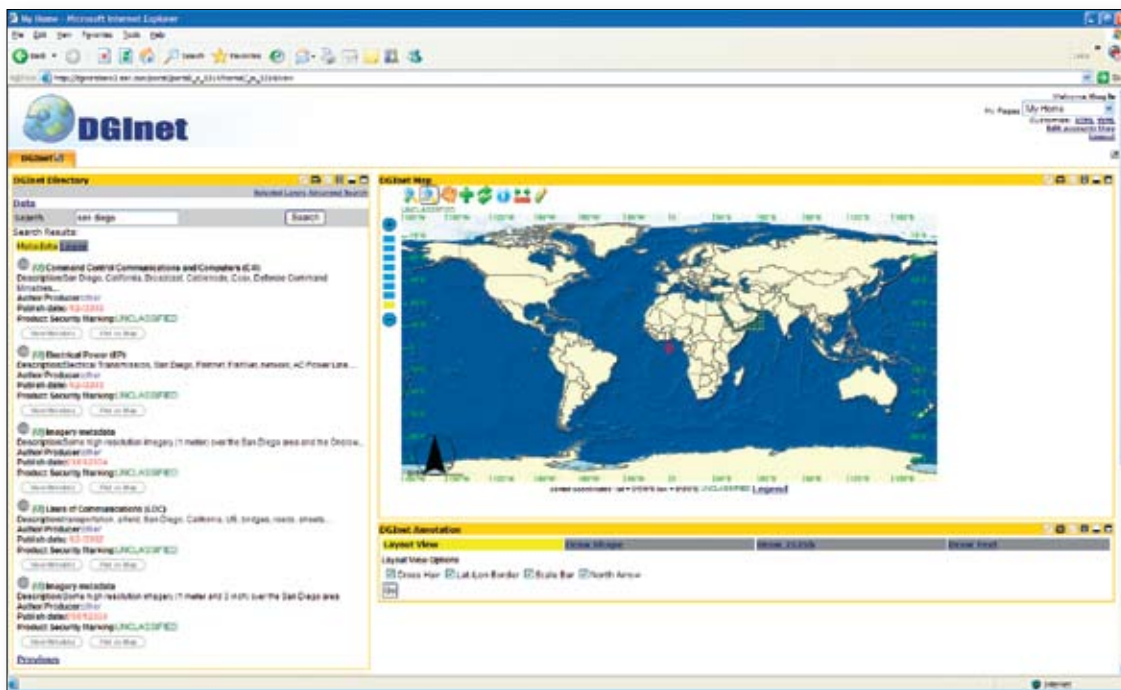


Distributed Geospatial Intelligence Network



Overview

Distributed Geospatial Intelligence Network (DGInet) technology can be employed by defense and intelligence organizations to provide an enterprise solution for geospatial intelligence data. DGInet was designed as a Web-based enterprise GIS for non-GIS-savvy intelligence analysts, military planners, and war fighters. It enables the utilization of thin clients to search massive amounts of geospatial and intelligence data, using very low bandwidth Web services, for data discovery, dissemination, and horizontal fusion of data and products. It also allows for discovery and utilization of GIS and non-GIS application Web services.

DGInet core technology has been deployed at several defense and intelligence community sites.

Features

DGInet provides

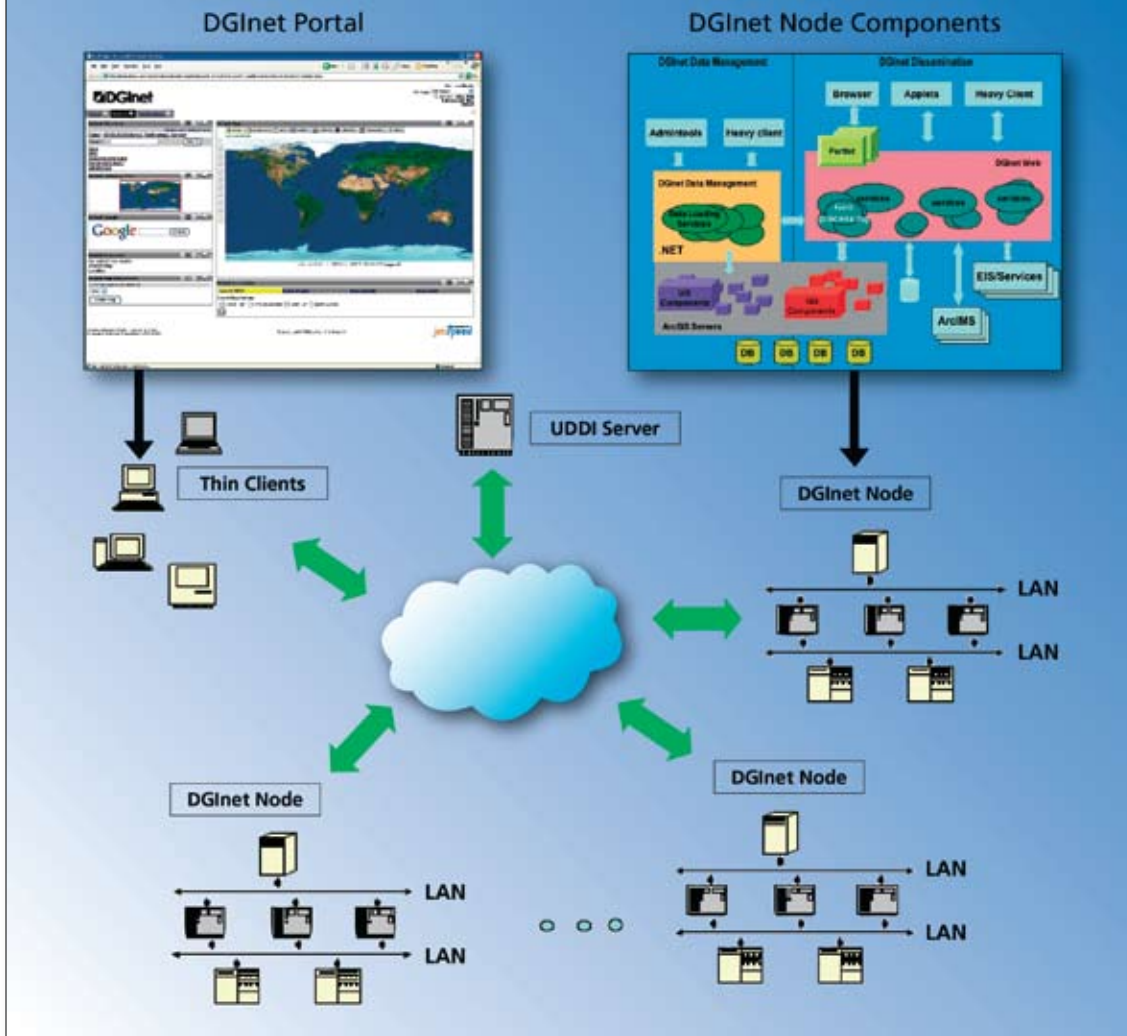
- A scalable Java™ Web service environment within which Web services can be easily utilized, added, exposed, maintained, and integrated with collaborative geospatial capabilities
- A powerful architecture that will satisfy every agency and organization's operational need for a geospatial enterprise system for dissemination within a robust collaborative environment
- A Services-Oriented Architecture (SOA) accessible via portlet-based browsers, applets, and heavy clients
- A collection of distributed Web services implemented as Java Web services
- Web map services and geoprocessing Web services across multiple organizations/nodes
- XML-based metadata broadcast search
- Selective data display/data fusion
- Data download capability
- Data management services

Contact Information

Jack Miller

E-mail: jmiller@esri.com

DGInet Service Oriented Architecture



Benefits

DGInet technology provides a robust geospatial solution for the military/intelligence customer by making very large (multiterabyte) databases available through a common Web-based interface. It provides clients with the capability to quickly and easily find, overlay, and fuse georeferenced data from multiple sources via Web map services for use as map background displays or to support analytical functions.

