



GeoServer®

A software and physical sciences company providing remote sensing solutions for real world applications



What is GeoServer?

GeoServer is an integrated product which represents a revolutionary step forward in the technology used to broker, archive, discover, exploit and disseminate geospatial information. GeoServer employs a web centric client-server model to provide access to integrated raster and vector geospatial data using a browser interface. GeoServer provides access to data resources and immediate on-line exploitation and information extraction "anytime, anywhere" that a user has internet or private network access.

A joint development of PRA and IBM®, GeoServer provides a full featured off-the-shelf capability for dedicated on-site customer installations or as a service provided by PRA and hosted in equipment in Albuquerque.

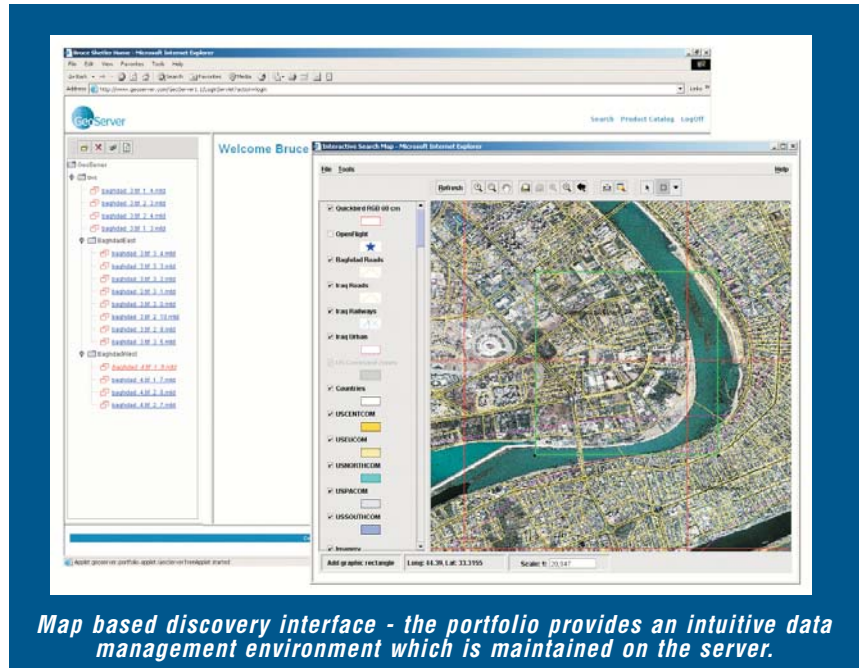
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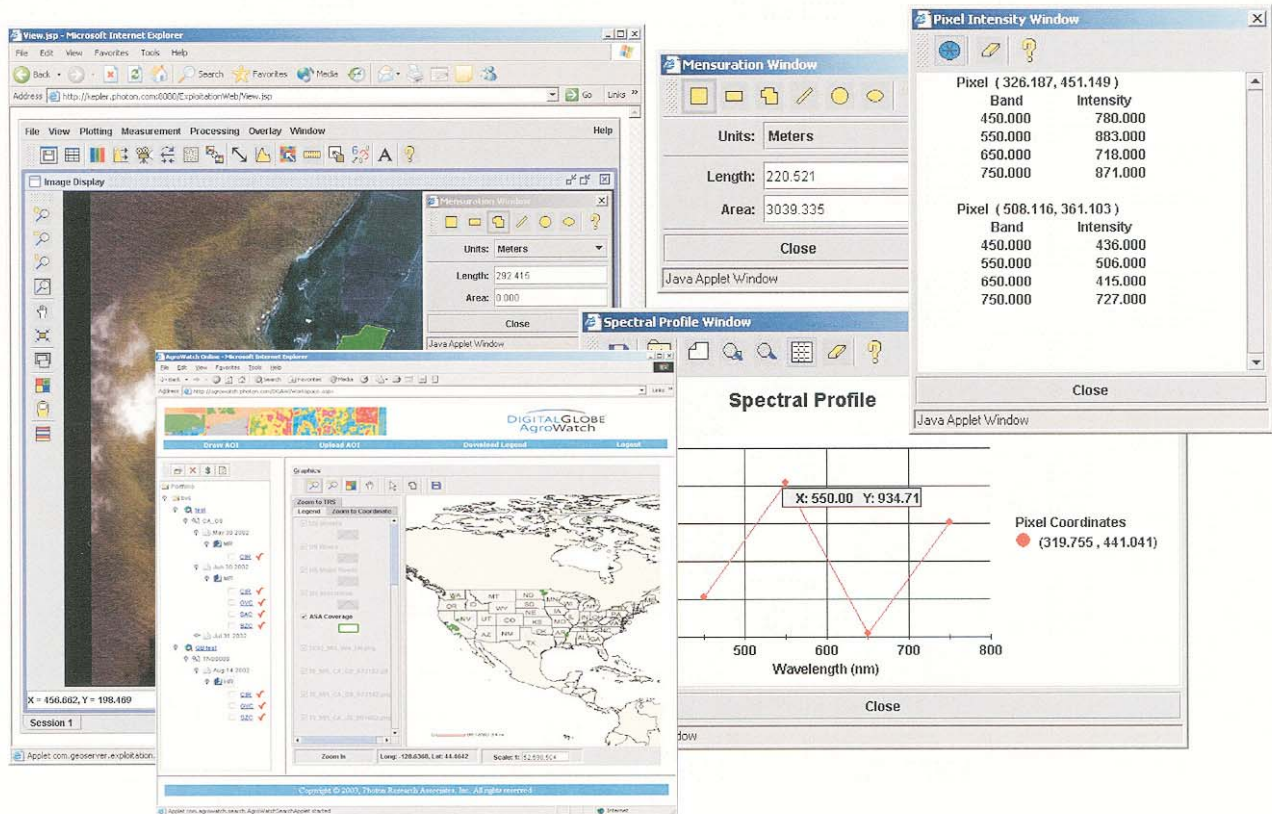
Map based discovery interface - the portfolio provides an intuitive data management environment which is maintained on the server.



A full set of vector and raster geospatial processing functions are available over the web via the exploitation applet.

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GeoServer technology powers Digital Globe's AgroWatch® product web site.

Key Features

GeoServer can be scaled to meet industrial scale requirements, up to 500,000 users with 10,000 concurrently accessing the system. Based upon modern flexible web services architectures and open standards, GeoServer provides a full range of e-commerce and electronic business to business interactions with data providers and can be easily customized and extended for particular applications. Other key features include:

- Graphical interface is simple to use yet provides all the capabilities required by a professional analyst
- The GeoServer interface can be fully customized on a per-user or per-group basis
- Full range of image processing and vector exploitation functions are accomplished on server so that networks move "information not data"
- Image processing powered by Leica Geosystems® ERDAS libraries
- Unique "object portfolio" project management interface speeds workflow for individual user or workgroup

GeoServer provides an integrated, comprehensive, off-the-shelf solution which is highly cost-competitive when compared to custom designs.



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PRA is a leading provider of physics-based modeling, simulation, and analysis products for government and commercial markets. Our customers use PRA's expert research services and software tools for infrared, hyperspectral, and radar sensor design and scene simulation; aircraft and satellite simulation; mission planning and analysis; algorithm development and data warehousing.