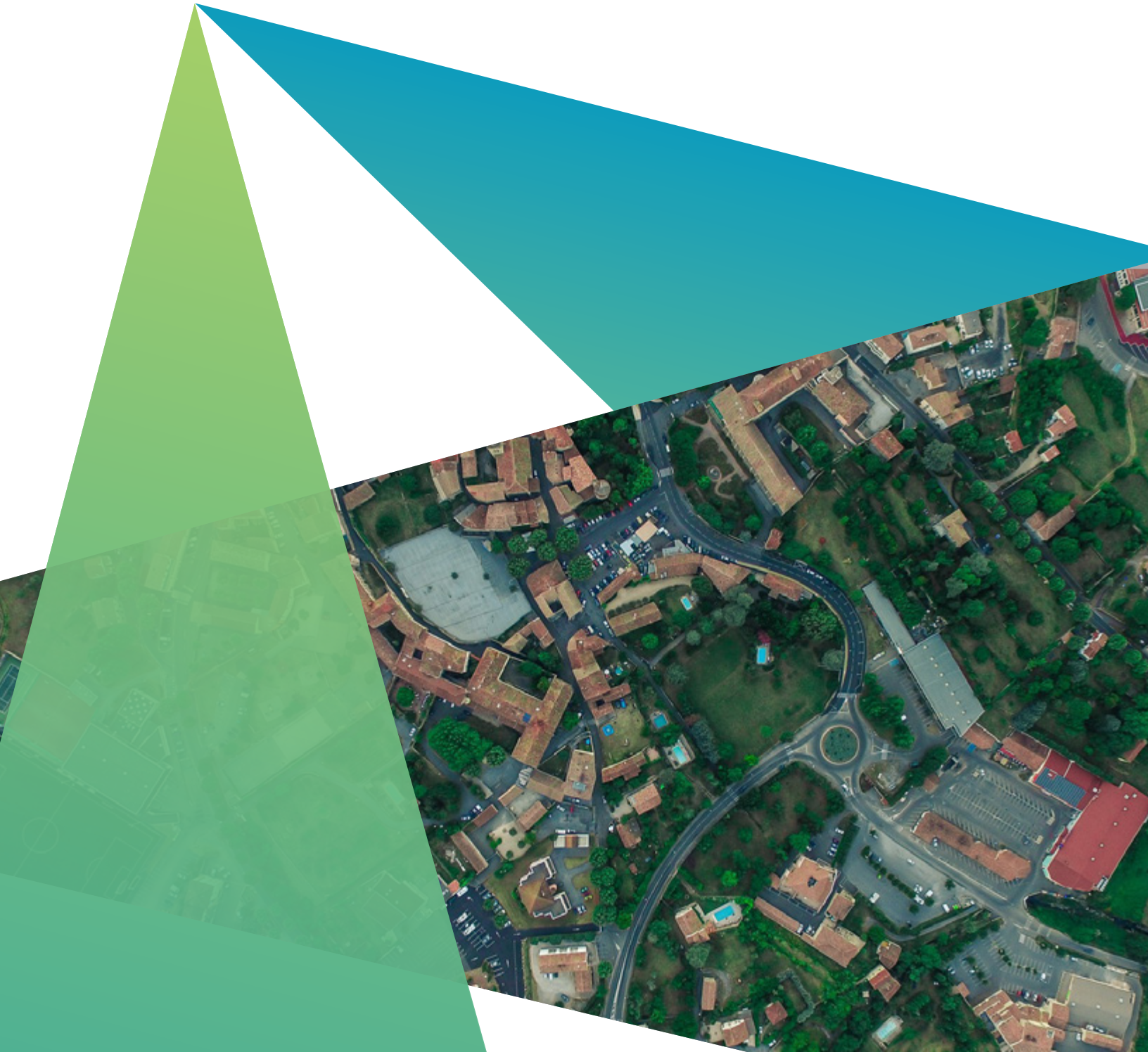


ERDAS APOLLO

Managing and Serving Geospatial Information







Manage and Share Your Data

Do you have large volumes of geospatial information, regularly updated data stores, and a distributed user base? Do you need a single, integrated enterprise-class, spatial data infrastructure? Is your image delivery performance too slow and inefficient?

ERDAS® APOLLO provides comprehensive data management and delivery. This includes organizing geospatial and business data into a centralized library, and distributing that data from the cloud. Complete with a variety of delivery options, ERDAS APOLLO consistently delivers geospatial data faster and with less hardware than competing server-based products. Implementing an out-of-the-box, service-oriented architecture (SOA), ERDAS APOLLO can be customized and extended to satisfy both your geospatial and business process requirements.

ERDAS APOLLO is offered within the Provider Suite® of the Power Portfolio®. The Provider Suite allows you to easily store, discover, manage, and deliver your data across desktop, web, and mobile applications. It also alleviates pressures associated with expanding imagery data holdings through the optimization of disk space requirements.

Automatic Organization

Centralize your geospatial information metadata with scheduled crawling and harvesting of regularly updated data holdings. ERDAS APOLLO enables powerful workflows for describing, styling, securing, cataloging, and publishing geospatial and non-spatial data in the enterprise. After cataloging the data, end users can then easily perform in-depth searches on the catalog using the integrated catalog web client, providing federated search capabilities in which users can enter a single search query that searches multiple resources and returns a single list of search results. The integrated catalog web client also offers features such as a Gazetteer, a geographical directory used in conjunction with a map or atlas. In addition, in-depth searches can be performed using powerful metadata and spatial search tools within the Geospatial Portal, a full-feature, customizable web application that simplifies the process of sharing enterprise geospatial data and web services. The search capabilities of both the integrated catalog web client and Geospatial Portal are included with ERDAS APOLLO.

A Host of Delivery Options

ERDAS APOLLO provides the greatest flexibility for geospatial data delivery, enabling dissemination into any client, on any device. Distribution can occur in a variety of ways, including through a host of OGC standard web services, tile delivery, streaming, downloading, and even the ability to Clip-Zip-Ship data via email and FTP. Even large LiDAR datasets managed within ERDAS APOLLO can be streamed to end users on any device.

Fastest Image Delivery Possible

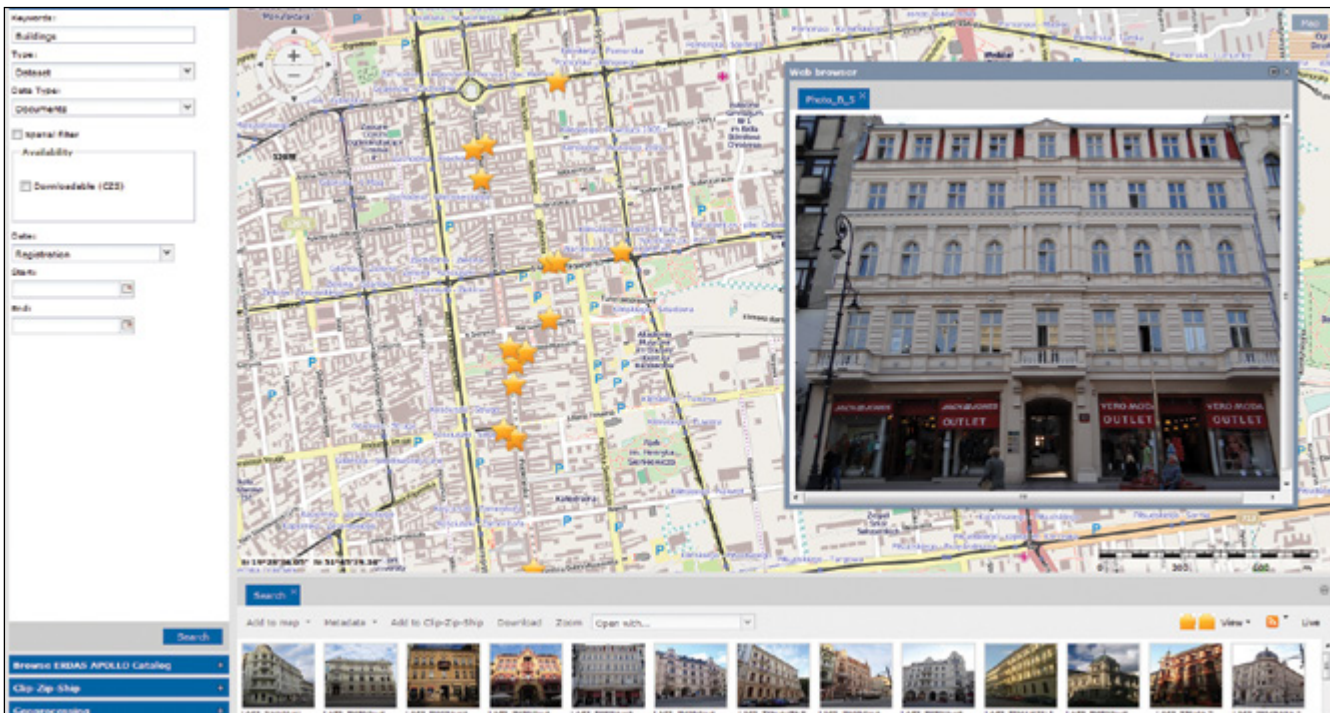
ERDAS APOLLO includes the fastest image delivery system on the market: the high-performance streaming imagery protocol ECWP. ECWP allows you to serve thousands of concurrent clients from a single server. If you prefer, ERDAS APOLLO also supports the tiled delivery of data. In comparison benchmarks, ERDAS APOLLO consistently delivers more data, more quickly, using less hardware than other image serving products. ERDAS APOLLO supports common industry standards for image deployment, including Esri's GeoServices protocol and Open Geospatial Consortium (OGC®) Web Map service specifications.

Completely Interoperable

ERDAS APOLLO embraces OGC services as a primary, native implementation for accessing data. This ensures the greatest interoperability and flexibility when integrating ERDAS APOLLO into your current workflows.

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The ERDAS APOLLO catalog can deliver business data such as photos and documents right to your web application. Move the map and search results update automatically. Click on points in the map to open business data from ERDAS APOLLO in browser windows.

Server-Side Geoprocessing

Traditional solutions for running spatial models like change detection and site analysis tend to rely on a small number of data analysts. These experts use rich client software to respond to individual requests from end users, and many times they are working from a backlog. ERDAS APOLLO empowers many more end users at the organization to create value-added data products by themselves, with no need to learn new software.

Flexible Deployment

Organizations want a deployment model that is simple, flexible and fits their needs and budget. Enjoy the option of implementing your ERDAS APOLLO solution where it makes sense for you: on-premises or on the cloud.

Leverages Existing Enterprise Systems

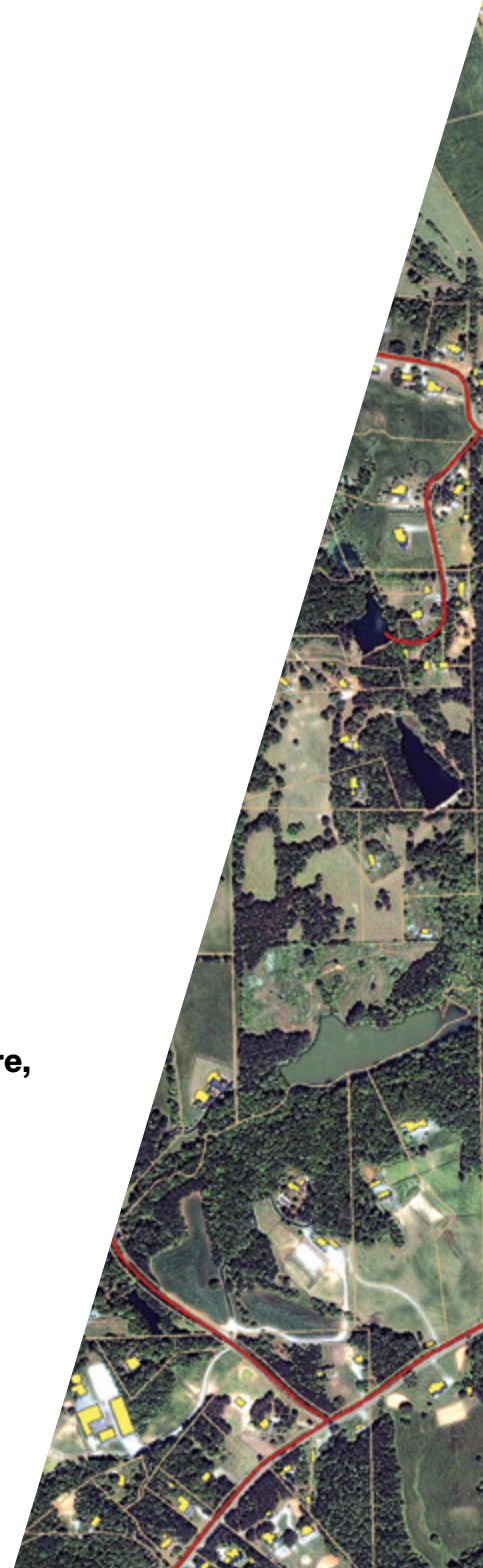
ERDAS APOLLO is a highly flexible solution, easily integrating with other GIS environments. It leverages existing business systems, such as Oracle®, Microsoft® SQL Server and PostgreSQL databases, for persisting intelligent metadata and application-specific information. Proven IT standards such as Java EE and REST integrate ERDAS APOLLO into existing business environments, also meeting an organization's security requirements.

One Connected Solution

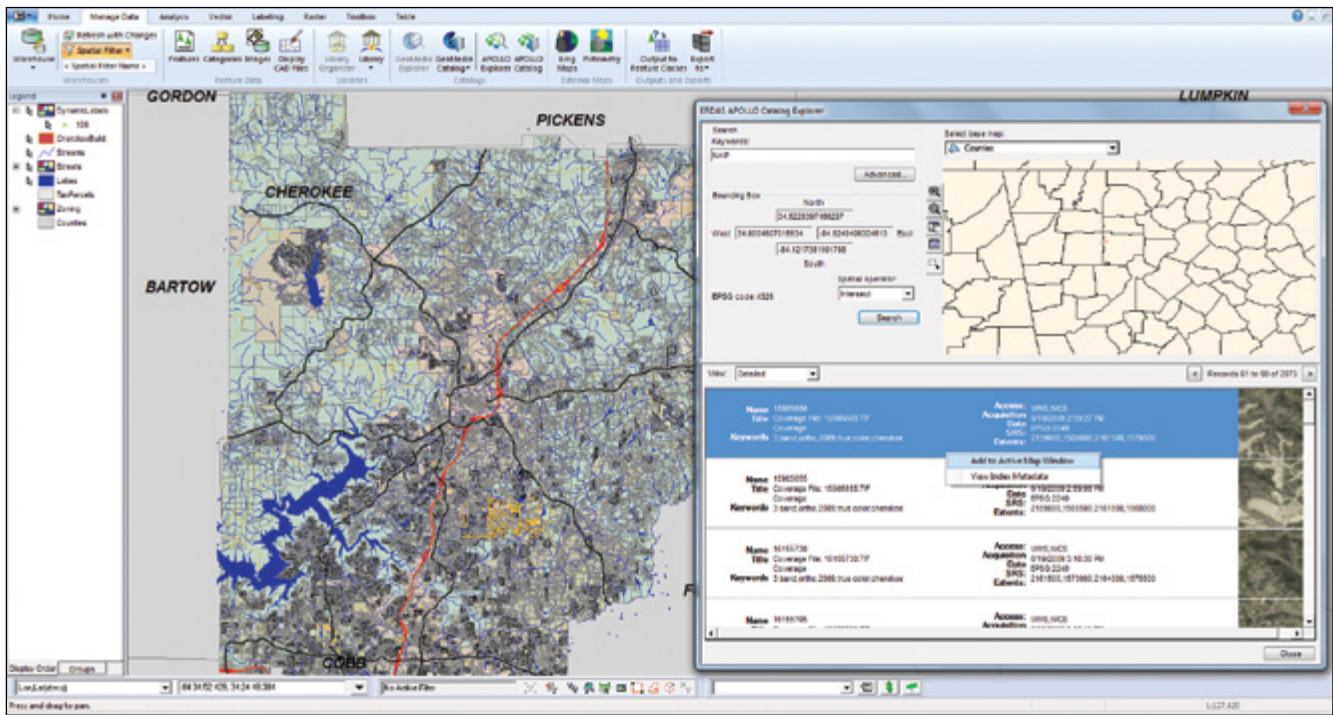
ERDAS APOLLO connects the entire geospatial Power Portfolio of products to comprise a seamless, complete solution to geo-enable your enterprise.

Portfolio/Suite	Product & Interaction
Luciad Portfolio	Use the integrated catalog web client to seamlessly connect and bridge services from both LuciadFusion and ERDAS APOLLO , or use LuciadLightspeed to rapidly view services from both.
Producer Suite	<p>Search, discover, and view data from ERDAS APOLLO directly in ERDAS IMAGINE and GeoMedia map windows.</p> <p>Spatial models created in ERDAS IMAGINE and GeoMedia may be published to ERDAS APOLLO and delivered over the Internet as server-side geoprocesses (WPS).</p> <p>Raster backdrops based on the ultra-fast ECWP streaming protocol may be directly consumed in ERDAS IMAGINE.</p>
Provider Suite	Serve ECW -compressed data lightning fast to thousands of users simultaneously from a standard server.
Platform Suite	Geospatial Portal is the fully integrated web client supporting 2D/3D viewing, catalog search and browse, download and creation of value-added data products on demand.

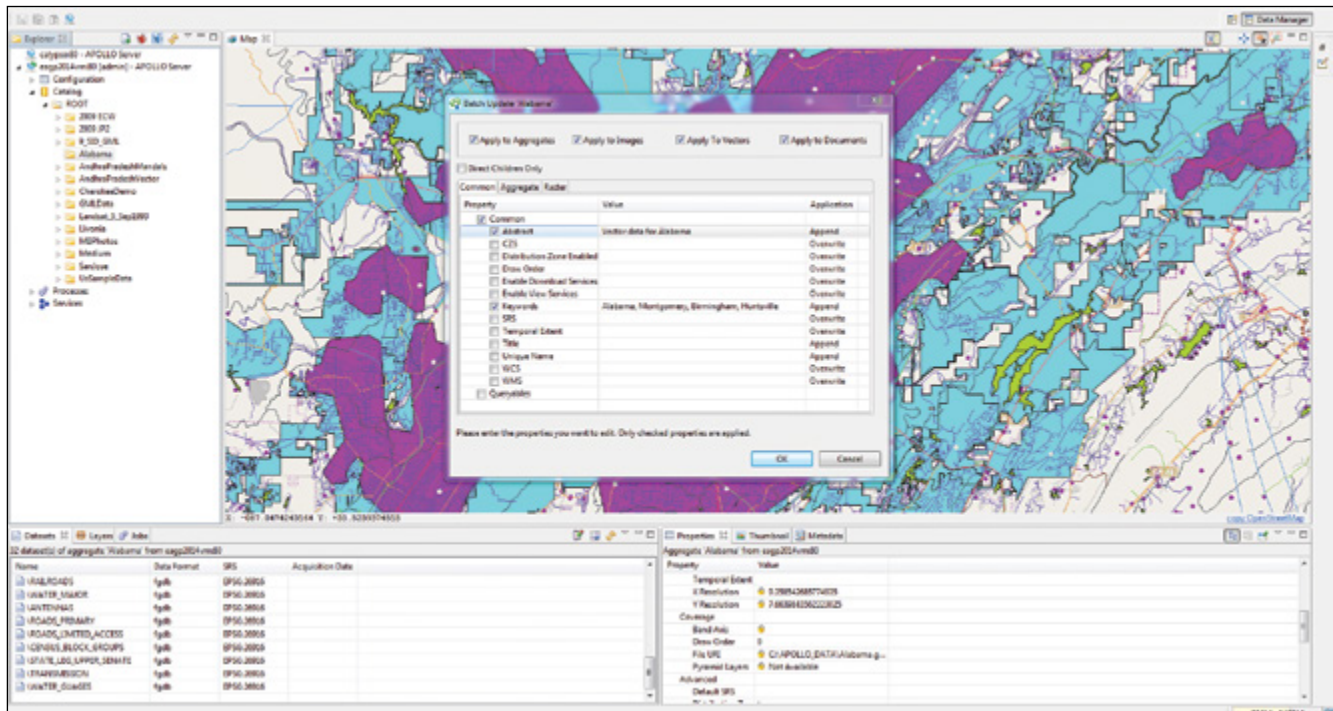
“ Raster backdrops based on the ultra-fast ECWP streaming protocol may be directly consumed in other Hexagon software, such as GeoMedia Smart Client, or via plugins in third-party clients such as ArcGIS and AutoCAD. ”



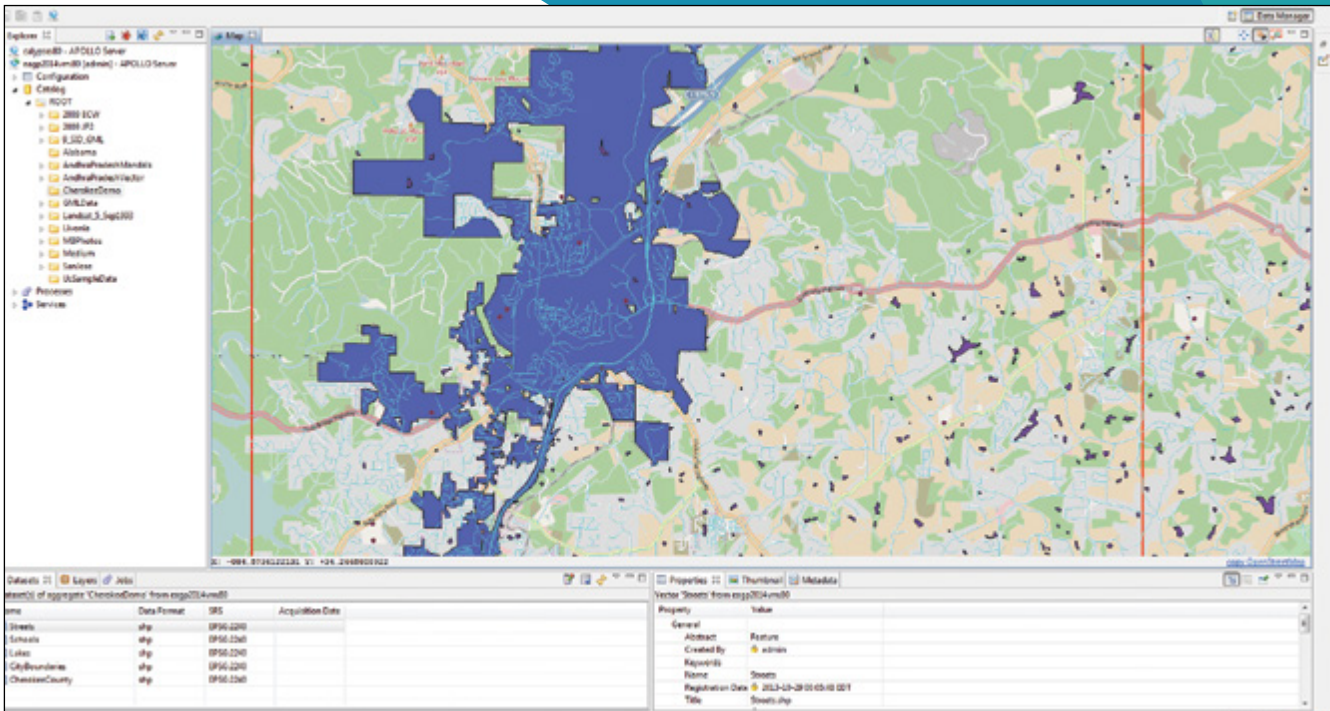




Use GeoMedia to access, search, and consume data from the ERDAS APOLLO catalog.



Batch edit metadata and propagate changes down a hierarchy of subfolders using the ERDAS APOLLO Data Manager.



ERDAS APOLLO Advantage comprehensively catalogs ALL of your data – including vector (GML, Shapefile, FGDB), point clouds, imagery, and ancillary business data – all in a single crawler. Harvest, catalog, secure, and publish all data types the same way.

Flexible Offering

Available in three product tiers, ERDAS APOLLO suits a wide spectrum of customer needs – from those only looking for a low-cost, remarkably fast image server to those requiring a comprehensive data management system. All three tiers offer remarkably fast performance, even when handling massive data archives and thousands of concurrent users.

ERDAS APOLLO Essentials

Organizations that need to rapidly share geospatial imagery via a public access website can easily do so with ERDAS APOLLO Essentials. This unique product provides high-speed access to large volumes of imagery on a minimum hardware set. The solution can distribute massive amounts of data to thousands of users simultaneously, all from a single server.

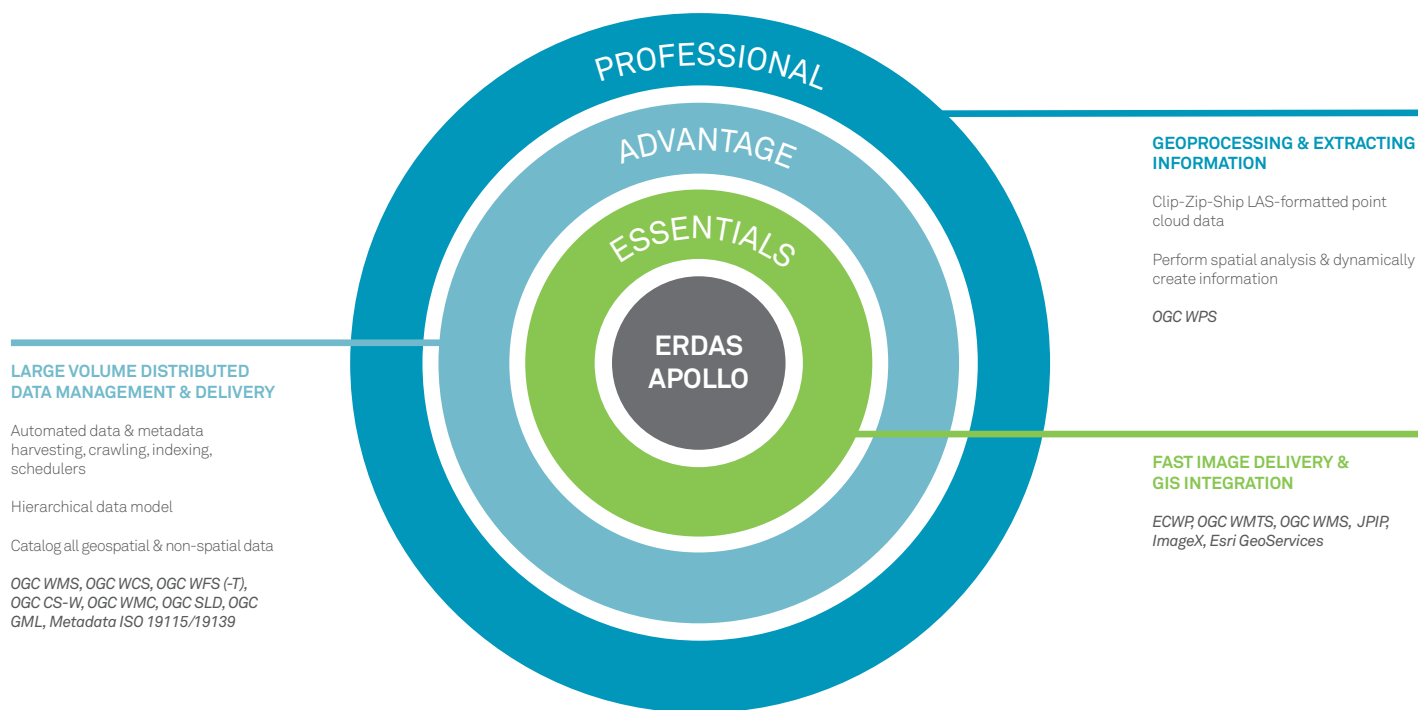
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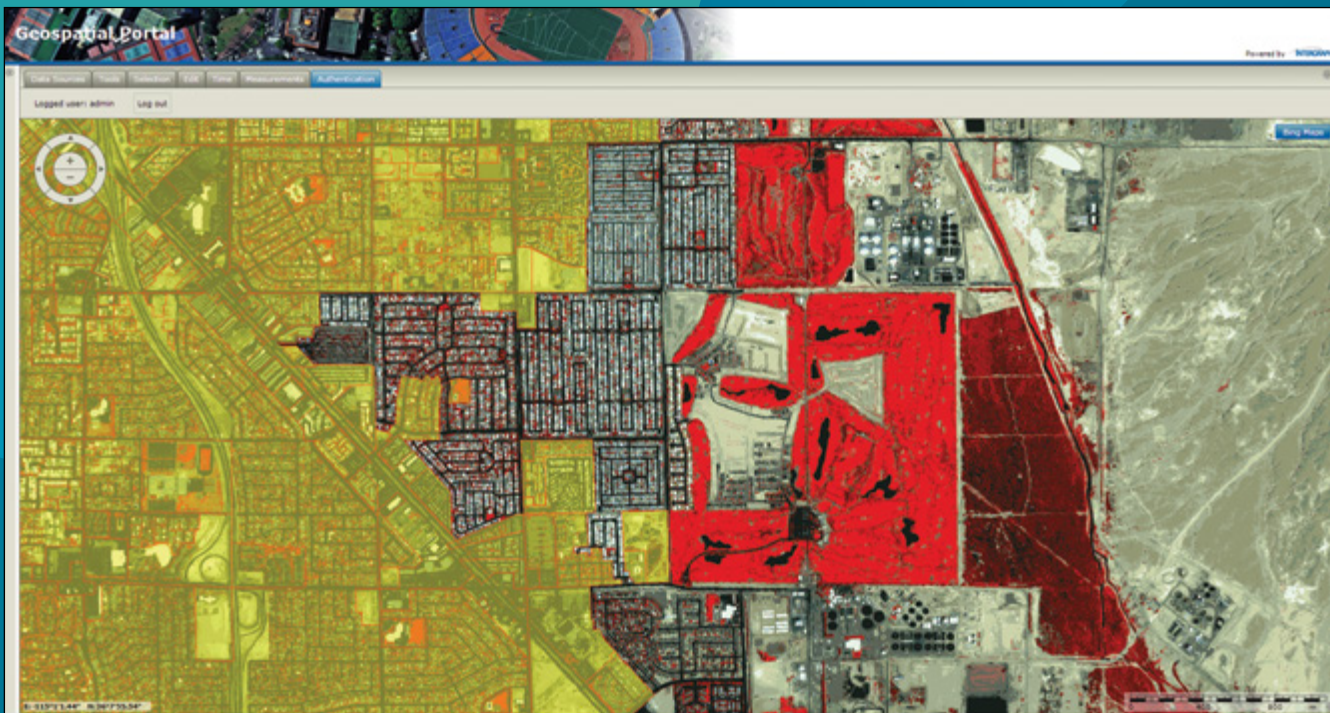
ERDAS APOLLO Advantage

Many users cannot find the geospatial and non-spatial information they need when they need it. Data is often buried in workgroups, or it lacks descriptive metadata. Organizations that require interoperable management and delivery of massive amounts of imagery, LiDAR, vector, and also non-spatial data across the enterprise need ERDAS APOLLO Advantage. With ERDAS APOLLO Advantage, geospatial data that is distributed across multiple departments or offices can be easily organized and disseminated in a variety of ways, including web services, direct downloads, or Clip-Zip-Ship. This way, end users can ultimately search, discover, and visualize data in a variety of applications.

ERDAS APOLLO Professional

ERDAS APOLLO Professional provides server-side geoprocessing of geospatial data and offers a powerful geoprocessing (WPS) component, employing complex algorithms that accomplish unrivaled processing power. Using ERDAS IMAGINE or GeoMedia, geospatial analysts create custom models and publish them to the ERDAS APOLLO catalog. These spatial models can then be made accessible and executable on demand by users from a thin-client front end.





Rasters are served with lightning speed ERDAS APOLLO.

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Hexagon is a global leader in sensor, software and autonomous solutions. We are putting data to work to boost efficiency, productivity, and quality across industrial, manufacturing, infrastructure, safety, and mobility applications. Our technologies are shaping urban and production ecosystems to become increasingly connected and autonomous — ensuring a scalable, sustainable future.

Hexagon's Geospatial division creates leading platforms, applications and solutions for visualizing, analyzing, and deriving insight from location data. By interconnecting the geospatial and operational worlds, we help customers of all sizes – from sites to cities to nations – use 5D location intelligence to solve real-world, mission-critical challenges.

From snapshots in time to real-time streams, our technology enables autonomous connected ecosystems that deliver reliable, repeatable location information. We shorten the loop from data acquisition to action, helping clarify what was, what is, what could be, what should be, and ultimately, what will be, so we can build a thriving, sustainable world.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 20,000 employees in 50 countries and net sales of approximately 4.3bn USD. Learn more at [hexagon.com](https://www.hexagon.com) and follow us @HexagonAB.