

ERDAS APOLLO Essentials 2010 - SDI

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Product Overview

ERDAS APOLLO Essentials – SDI 2010 is an interoperable and scalable spatial data infrastructure to catalog and deliver enterprise geospatial data over the web. ERDAS APOLLO Essentials – SDI allows you to style, secure, publish, and catalog vector, raster and terrain data via data services that are fully compliant with the standards of the Open Geospatial Consortium (OGC).

The APOLLO Data Manager allows users to remotely setup, configure and catalog data services through a user-friendly RCP client UI. The APOLLO Web Client provides data discovery, styling and visualization, and implements a complete vector data filtering, export, and edition workflow.

ERDAS APOLLO Essentials – SDI is the core module of any ERDAS APOLLO solution; it is all you need for meeting common use cases, and can work seamlessly with the other modules of the ERDAS APOLLO suite to fulfill the most advanced business workflows.

Customer Benefits

Out-of-the-box Spatial Data Infrastructure

- Publish geospatial data through OGC compliant web services
- Catalog APOLLO services and third-party OGC services, to provide data discovery
- Catalog and publish business information (movies, documents, pictures, any electronic content...)
- Discover and consume geospatial and business data in a user-friendly web client

Publish Raster and Vector and Terrain Data

- Natively supports numerous vector and raster data formats
- Full vector data workflow including on-the-fly styling and reprojection, visualization, filtering, export and edition
- Imagery workflow providing on-the-fly styling, mosaicking, reprojection and visualization

Fully Interoperable Solution

- Interoperable platform allowing enterprises to share data internally and with any third party
- Based on the open standards of the Open Geospatial Consortium (OGC) and the International Standardization Organization (ISO)
- Implemented Standards includes WMS, WFS(-T), WCS, CS-W ebRIM, WMC, SLD, GML, KML and ISO 19115

Open and Extendable Solution

- Highly configurable to meet project needs
- Dramatically enhance the imagery workflow's performance and data management capabilities with ERDAS APOLLO Advantage
- Complete the Imagery workflow with APOLLO Professional Geo-processing
- Customize the APOLLO Solution with ERDAS APOLLO Solution Toolkit
 - Add support for custom or classified data and metadata formats at the source of your workflow
 - Build complex rendering logic with Java rules
 - Extend and customize the web client

Secure Geospatial data

Role-based security system to configure:

- service access
- layer access
- access to an area defined by a bounding box or polygon
- access to a scale range
- box or polygon masking

Rich web client to consume APOLLO services and third-party OGC services

- Search and discover and visualize geospatial and business data
- Manage and configure map contexts
- Visualize and Navigate the data in preferred projection
- Style raster and vector data
- Find, filter, edit and export vector data

Enterprise Application Integration

- Designed to fulfill the requirements of the most demanding enterprises
- Fully scalable, smoothly supports the extension of your Geospatial Business System with improved performance
- Proven technological standards such as JavaEE to ease integration into IT environments, including security-wise