Product Comparison Table

ERDAS APOLLO 2015

Functionality	Essentials	Advantage	Professional
Fast Image Web Delivery and GIS Integration			
Distribute large volumes of geospatial imagery and LIDAR to thousands of users from a single standard server	•	•	•
Deliver imagery and LIDAR to thousands of users via high performance ECWP (streaming protocol) or OGC WMTS tiled delivery	•	•	•
Deliver to various GIS, CAD, mobile, web applications with free plug-ins available for browsers such as Internet Explorer, Chrome, and Firefox; and geospatial workstations such as ArcGIS, MapInfo, AutoCAD	•	•	•
Easily integrate with third-party GIS software Desktop geospatial applications such as ERDAS IMAGINE®, Geomedia®, ESRI ArcGIS® for Desktop, Pitney Bowes MapInfo®, Autodesk AutoCAD®, PCITM, ER MAPPERTM, Microsoft® Office, GE SmallworldTM, Bentley® MicroStation, and more Web client software simultaneously integrates data from GIS servers like MapXtreme®, ArcIMS®, ArcGIS® Server, Autodesk MapGuide®	•	•	•
Leverage common industry standards for deployment including OGC WMS, OGC WMTS, Esri Geoservices, KML, JPIP	•	•	•
Utilise ER Mapper algorithms for on-the-fly geoprocessing	•	•	•
Aggregate thousands of datasets together as a single seamless layer using Virtual mosaic and Aggregate concepts	•	•	•
Cloud compatible. All geospatial server products can be deployed in “the cloud” (via Amazon EC2)	•	•	•
Large-volume Distributed Data Management			
Catalog, manage, and deliver large volumes of distributed spatial and non-spatial data; including raster, vector, point cloud, terrain, and digital object or business data (pdf, mov, doc, jpeg, etc)		•	•
Schedule automatic data crawlers and metadata harvesters for continuous spatial and non-spatial data discovery at distributed file data stores,		•	•
Automatically provision data for optimised end-user consumption, including pyramid and thumbnail generation, and metadata translation to ISO 19115		•	•
Enable interoperable web service interfaces for data, including OGC/ISO WMS, WMTS, WCS, WFS, and WFS-T with GML, KML, GeoRSS, and SLD support. Deliver data to OGC-compliant web applications		•	•
Aggregate disparate data stores into homogenous layers with out-of-the-box hierarchical data models		•	•
Leverage extremely fine-grained security model to assign access, scale and spatial security permissions to every aggregate/dataset in the system per user/role		•	•
Download original datasets including metadata		•	•
Utilise the Clip, Zip, and Ship workflow to subset and download gridded and LAS point cloud data in the catalog		•	•
Catalog third-party OGC web services (WMS, WFS, WCS). Automatically-harvest metadata from services and layer descriptions		•	•
Connect with Geospatial SDI to provide INSPIRE compliance through View and Discovery services		•	•
Compose, style, and publish online maps from cataloged service layers		•	•
Search, filter, and edit vector data from thin-client front end		•	•
Conduct complex searches of data assets and service layers via CS-W ebRIM interoperable web service or Catalog REST interface		•	•
Utilise integrated customisable web client with built-in data workflows		•	•
Manage the ERDAS APOLLO server remotely from the ERDAS APOLLO Data Manager desktop client		•	•
Large-volume Distributed Data Management			
Publish complex spatial models created in ERDAS IMAGINE			•
Create value-added data products from thin clients (on-demand spatial analysis)			•
Execute spatial models through an OGC-compliant Web Processing Service (WPS)			•
Utilise the Clip, Zip, and Ship workflow to subset and download LAS-formatted point cloud data			•