



ERDAS APOLLO

Hexagon's Geospatial Division

January 9, 2020

Scope

The goal of this training is to provide an introduction to the Hexagon Provider Suite composed of ECW technology and ERDAS APOLLO.

During this training you will install and configure the products, and then learn how to prepare your data using the ECW tool called GeoCompressor and catalog it into ERDAS APOLLO.

The training will cover the main ERDAS APOLLO workflows, including data crawling, metadata editing, service configuration, data styling, using the catalog interface, and exporting data from ERDAS APOLLO.

The training is aimed at Geo-ICT developers, project engineers, and technical presales consultants.

Agenda

General rules:

- Training will be conducted from 9 am to 5:30 pm (can be adjusted)
- There will be 15-minute breaks during the training and a 1-hour lunch break
- Trainees need to bring their own laptops

DAY 1	
Morning	Introduction to ERDAS APOLLO ERDAS APOLLO Installation
Lunch Break	
Afternoon	ERDAS APOLLO Core <ul style="list-style-type: none"> • Creating and consuming services • Time WMS/WMTS/virtual mosaics • Custom WMTS • Styling • Extended WMS • Geoprocessing

DAY 2	
Morning	Compression Products <ul style="list-style-type: none"> • ECW, JPEG2000, HPC • GeoCompressor • Streaming: ECWP/JPIP and HPCP • Plugins
Lunch Break	
Afternoon	ERDAS APOLLO Advantage/Professional <ul style="list-style-type: none"> • Catalog (crawling, metadata management, security, etc.) • Crawling other files/formats: CAD, geotagged images, business documents, etc.
DAY 3	
Morning	ERDAS APOLLO Advantage/Professional <ul style="list-style-type: none"> • Queryables • "Legacy" services • Geoprocessing (WPS)
Lunch Break	
Afternoon	ERDAS APOLLO Advantage/Professional <ul style="list-style-type: none"> • APIs and SDKs • ERDAS APOLLO in a cluster • Q&A

Prerequisites

- Knowledge of the main OGC services
- GIS skills: geospatial information, data formats, coordinate systems, etc.
- Basic IT skills: database configuration, server configuration, networking, etc.

Hardware requirements

Supported and Recommended	
CPU	2 GHz minimum, hyper threading or multi-core recommended
Memory/RAM	8 GB minimum
Display Properties	24-bit color depth
Screen Resolution	1024 x 768
Peripherals	Mouse
Networking Hardware	Simple TCP/IP, network card

Software requirements

Oracle Virtual Box

Disk space requirements

ERDAS APOLLO will be installed on a VM provided to the trainees, so at least 20 GB is needed on the laptop or on an external drive.

Public Training Schedule

Date	Location	Type

About Hexagon

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 solutions that deliver a 5D smart digital reality with insight into what was, what is, what could be, what should be, and ultimately, what will be.

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.

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