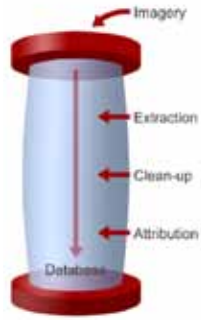


# ERDAS



ERDAS Imagine is an easy-to-use, raster-based software designed specifically to extract information from images. Perfect for beginners and experts alike, the easy-to-learn ERDAS Imagine enables you to process imagery like a seasoned professional, regardless of your experience in geographic imaging.

**ERDAS Imagine 2010** introduces a combined solution for remote sensing, photogrammetry and geospatial analysis as ERDAS fuses the desktop-lines into one product. The new interface in ERDAS 2010 provides a modern look-and-feel, improving productivity. ERDAS IMAGINE's functionality is now available in a well organized set of tabs in the ribbon, which dynamically changes based on the data type. These dynamic changes reveal the workflow tabs appropriate for the data type displayed or selected, and keeps inappropriate workflow tabs from confusing the user. There is a 'Command Search' capability to aid in discovery. The Ribbon also allows for custom workflow tabs to be quickly and easily generated.

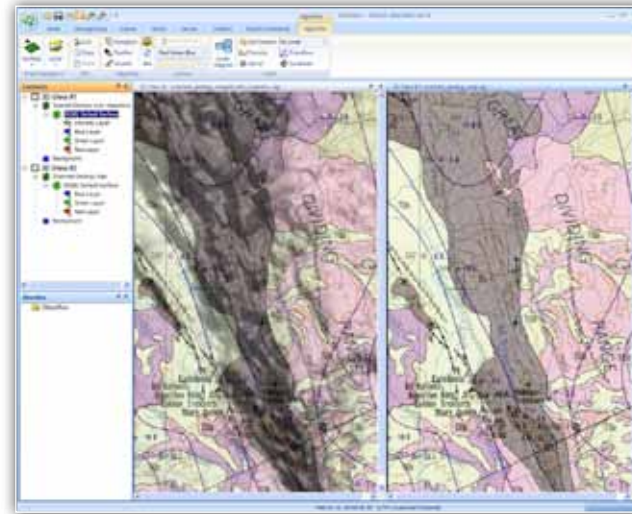
## The ERDAS Imagine Product Suite

The ERDAS Imagine product suite consists of three product levels designed for geographic imaging, remote sensing and GIS applications. These products include:

**Imagine Essentials:** A powerful, low-cost image mapping and visualization tool that allows different types of geographic data to be combined with imagery and quickly organized for projects. It provides a robust set of tools for geo-correction, image analysis, visualization & map output.

**Imagine Advantage:** A geographic imaging toolset that extends the capabilities of Imagine Essentials by adding more precise mapping and image processing functions. Imagine Advantage includes a complete set of tools to analyze data from imagery via mosaicking, surface interpolation, advanced image interpretation and ortho-rectification.

**Imagine Professional:** Imagine Professional provides complex image analysis, radar analysis and advanced classification tools. It also includes graphical spatial data modeling, which is a unique capability for analyzing geographic data.



## ERDAS Extensions for ArcGIS

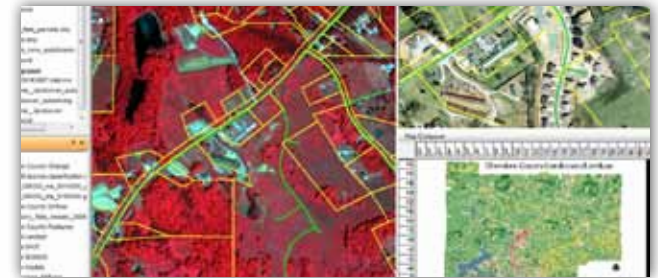
ERDAS offers a number of solutions in various application areas for users on the ArcGIS platform. These products are geared towards image processing and feature collection.

**Stereo Analyst for ArcGIS:** 3D stereo feature collection tool designed to collect and update feature data and store in a geodatabase. Stereo visualization improves the interpretation of images and allows for more precise collection leading to greater accuracy in your resulting layers.

**Image Analysis for ArcGIS:** Solution for preparing, referencing, measuring and analyzing imagery from airborne and satellite sensors. Fully integrated with ArcGIS, it enables you to extract up-to-date information from imagery directly into a geodatabase, dramatically increasing accuracy and productivity.

**Feature Analyst for ArcGIS & ERDAS IMAGINE:** Feature Analyst provides automated feature extraction tools for collecting 2D & 3D features from imagery and scanned maps. Features such as roads, buildings, water bodies, vegetation, pervious-impervious surfaces, multi-class image classification and land cover are easily extracted using simple one-button workflows.

**LIDAR Analyst for ArcGIS & ERDAS IMAGINE:** LIDAR Analyst automates the extraction of 3D terrain surfaces, buildings, trees and forest areas, with outstanding accuracy for both leaf-off and leaf-on conditions. In addition to the features themselves, LIDAR Analyst automatically extracts attribute information, such as building height, area, perimeter, roof type, tree crown width, and tree stem diameter.

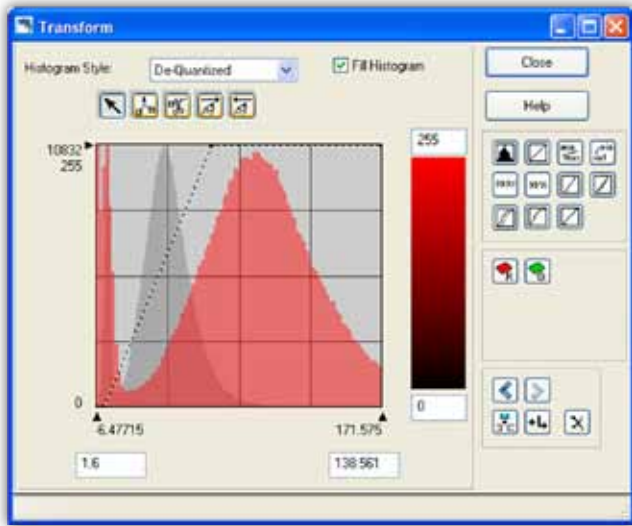


## ERDAS ER Mapper

ERDAS ER Mapper provides advanced image processing and compression capabilities widely used in a variety of industries including oil, gas and mineral exploration. ER Mapper allows one to visualize, enhance and combine images for a broad array of applications.

## Leica Photogrammetry Suite (LPS)

LPS is a versatile software product for digital photogrammetric workstations, providing accurate and production oriented photogrammetric tools for a broad range of geospatial imaging applications. It allows users to work with imagery from a wide variety of sources and formats. LPS also generates the whole range of deliverables photogrammetrists demand, from triangulated imagery and digital terrain models to line-of-sight analysis.



## ERDAS Training

### Fundamentals of ERDAS Imagine I

This 4 day course offers an introduction to the latest ERDAS Imagine Essentials & ERDAS Imagine Advantage software. Instructors present basic concepts of Remote Sensing and GIS, providing a foundation in image processing, image classification, orthorectification and image mosaicking.

### Fundamentals of ERDAS Imagine II

This 4 day course builds upon the knowledge gained in the Fundamentals of ERDAS Imagine I course to provide a more extensive foundation in image processing, GIS and the functionality of Imagine Professional. Additional concepts of spatial modeling, image classification, radar image processing, topographic analysis and how to use the Geospatial Light Table.

### Image Analysis for ArcGIS

This 2 day course teaches students how to process and prepare satellite images and aerial photographs so that they can be used to update, enhance, and expand your vector GIS. Students are introduced to the tools that will enable them to extract information from the imagery, and then display and analyze this information.

### Stereo Analyst for ArcGIS

This 2 day course teaches students how to use Stereo Analyst for ArcGIS and the tools provided in ArcMap for the purposes of collecting new and revising existing feature datasets in 3D. Since imagery is playing a more vital role in creating and sustaining a reliable GIS, Stereo Analyst for ArcGIS provides a direct 'image to GIS' approach in order to obtain reliable feature data from imagery.

### Introduction to LPS

In this 4 day course, students learn the tools and functionalities necessary to complete a desktop mapping project, using LPS. Instructors explain how to triangulate a block of images, extract elevation data, and create ortho-rectified imagery. Data used in the training include conventional aerial photographic frames and high resolution imagery.

### Fundamentals of ERDAS ER Mapper I

This 3 day course provides an introduction to the latest ERDAS ER Mapper software. Instructors introduce students to ERDAS ER Mapper's fundamental design and processing capabilities. Basic remote sensing concepts such as, enhancing image contrast, spatial filtering, image rectification and unsupervised classification are presented.

### Fundamentals of ERDAS ER Mapper II

Fundamentals of ERDAS ER Mapper II builds upon the knowledge gained in Fundamentals of ERDAS ER Mapper I. Advanced concepts in image enhancing, spectral and spatial filtering, formula editing, thematic data overlaying are discussed and used. Additional topics such as, 3D viewing, supervised classification, gridding, contouring and more are presented in this 3 day course.



**For more information contact:**

**Oakar Services Ltd.**

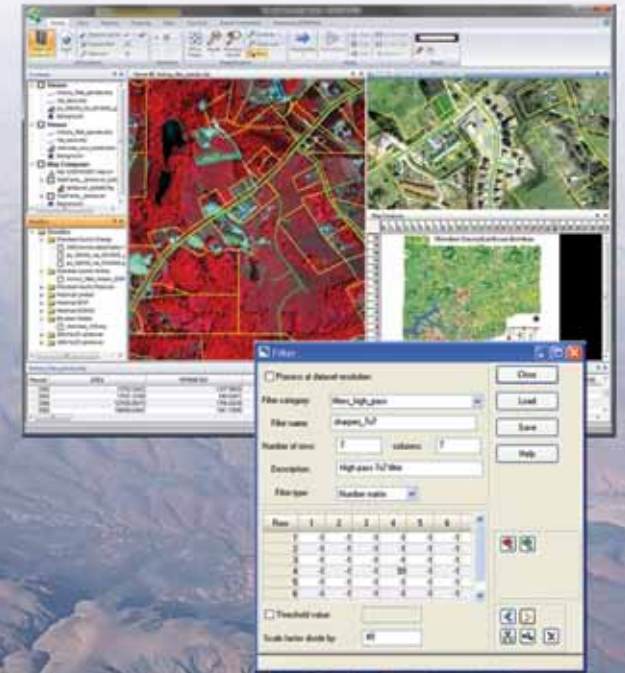
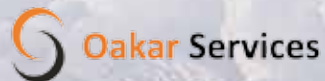
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