



ENVI

IMAGERY BECOMES KNOWLEDGE

ENVI 5

ENVI 5 | THE NEXT GENERATION OF IMAGE ANALYSIS.

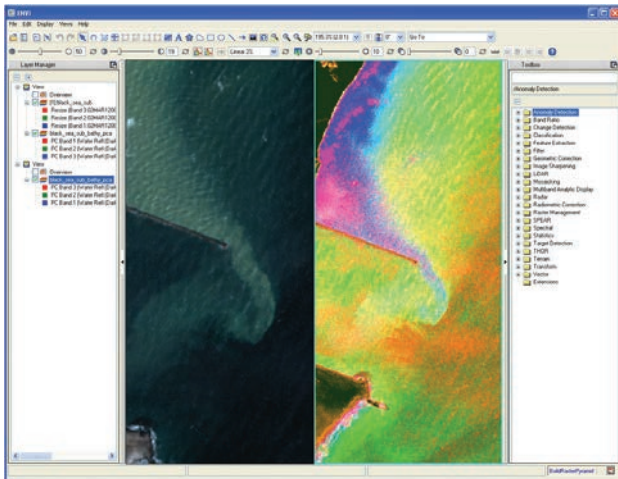
ENVI is the premier software solution for processing and analyzing geospatial imagery. The newest ENVI release makes your image analysis workflow more efficient than ever and allows you to get the information you need more quickly. With a streamlined user interface, a modern high-speed display, new and advanced processing tools, and a flexible API for easy customization, ENVI 5 makes it easier for you to solve problems using geospatial imagery. And, since all ENVI tools are still conveniently accessible from the ArcGIS® toolbox, GIS users can easily add information to their GIS workflow for enhanced mapping applications.

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EASILY NAVIGATE THROUGH ENVI MENUS AND OPTIONS

Your image analysis solution should allow you to quickly extract information from your imagery without searching for the functionality you need in multiple interfaces. ENVI 5 consolidates menus and options into one, easy to navigate interface, giving you all the analysis tools you need at your fingertips, in an intuitive, single window dynamic display. Now, you can spend more time interpreting your image analysis results and less time finding tools.



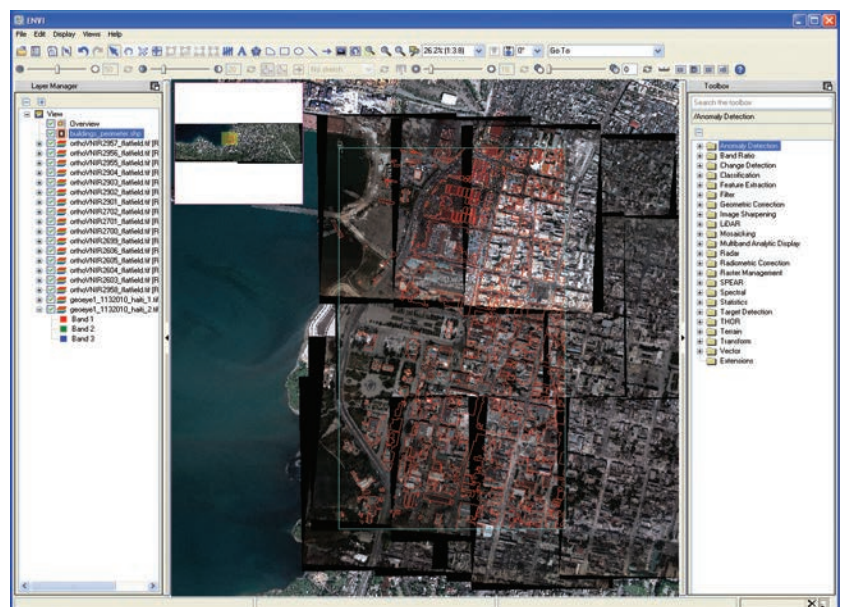
Above you can see the new ENVI single window interface. This image shows the new multi-view capability, which allows you to open and geographically link multiple images.

- > Maximize the screen display area with a single window paradigm.
- > Navigate through your data with the new picture-in-picture overview window that allows for multiple views at once.
- > Create multi-view displays to visualize and geographically link multiple images simultaneously.
- > Quickly access common image display manipulations with an interactive toolbar.
- > Use the new layer manager to toggle on/off and change parameters of vector and raster layers, similar to the interaction within GIS software applications.

DISPLAY LARGE DATASETS QUICKLY

As the use of imagery becomes more common in GIS analysis and other scientific applications, the size and volume of the imagery data available to you grows. ENVI has evolved to efficiently process and analyze these large datasets so you spend less time waiting for results, and more time communicating them to the people who matter most.

- > Rapidly visualize, navigate, and enhance your data with high-speed raster and vector display.
- > Display vector data based on attributes to increase your control over visualizations.
- > Stretch your image display without the delay of calculating image statistics.
- > Define the input stretch parameters based on the full scene or view extent to enhance the display based on your specific needs.



The new ENVI high-speed display allows you to easily load multiple datasets, regardless of size, and quickly view and process your imagery.

SAVE TIME WITH NEW AUTOMATED WORKFLOWS AND ENHANCED PROCESSING TOOLS

ENVI is known for its robust set of image analysis tools and automated workflows that enable you to easily extract critical information from imagery. Now, ENVI 5 includes new automated workflows and enhanced tools that expand your image processing and analysis capabilities so you can quickly get the answers you need from imagery and make more informed decisions.

New workflows and enhanced tools allow you to easily create GIS maps and other GIS ready products.

The **NEW change detection** workflow looks for areas of change by comparing two images from different dates using band ratio or feature index techniques.

Immediately access the comprehensive suite of tools in ENVI in one searchable and customizable interface.

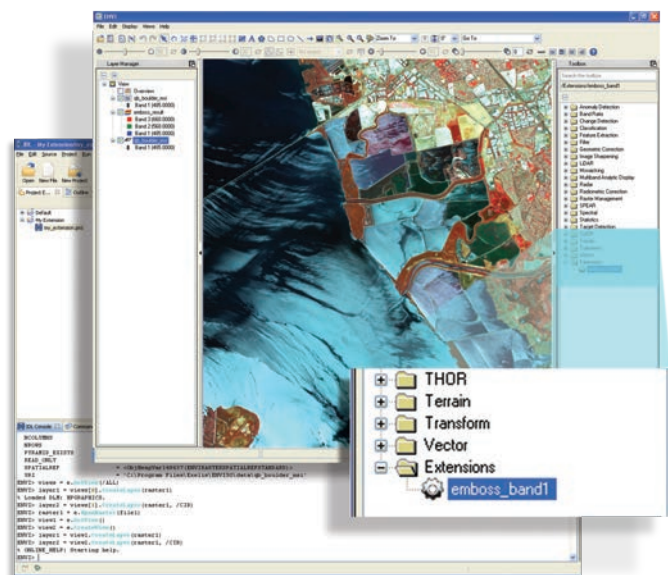
The **NEW feature extraction** workflow finds objects of interest using parameters based on user defined rules of spatial, spectral, and textural characteristic.

The **NEW classification** workflow allows you to classify terrain automatically or with user defined specifications.

The **NEW thematic change** workflow performs change detection between image classification results.

The **NEW image registration** workflow improves georeferencing of your image by tying it to an accurate base map.

The **NEW RPC orthorectification** workflow corrects imagery to account for terrain and sensor distortion.



You can now access all ENVI image analysis tools and workflows in one searchable and customizable interface.

EASILY CUSTOMIZE YOUR IMAGE ANALYSIS FUNCTIONALITY

The ability to customize ENVI to your unique project needs has always been a distinguishing feature. Traditionally, customization was only available in the ENVI three window paradigm. Now, with the updated API in ENVI 5, you can extend all ENVI tools and functionality within the new interface, allowing you to customize ENVI to your specific needs without limitation.

- > Develop analysis tools and custom projects that are specific to your GIS mapping needs and other scientific applications.
- > Gain more control over the look and feel of ENVI with greater ability to define and customize display components and an easy to use data management system.
- > Access and use either the single window interface or the three window paradigm in ENVI.



See how the next generation of image analysis will streamline your workflow. Learn more about ENVI 5 at www.exelisvis.com/ENVI or call your ENVI representative at **303.786.9900**.

INTERNATIONAL SUPPORT

Exelis Visual Information Solutions is a global company with direct offices in North America, Europe and Asia. Combined with our extensive, worldwide distributor network, we can support your geospatial needs regardless of your location.

LEARNING OPPORTUNITIES

CLASSROOM TRAINING:

Whether you are just learning our products or an experienced pro, we have courses designed to take your abilities to the next level.

www.exelisvis.com/EventsTraining

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Attend a live web seminar or watch a recorded web seminar - the perfect way to learn about the latest product developments right from your desk.

TECHNICAL SUPPORT

All Exelis Visual Information Solutions products are backed by our world class technical support. Visit our support web page for information on how to receive help via the phone, email, or from our extensive online help articles.

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