New ENVI Software Release

ITT Visual Information Solutions (ITT VIS) has released ENVI version 4.4, its software for processing geospatial images. The ENVI 4.4 release includes new automated workflow tools, new technology to find objects concealed by vegetation, support for a new, add-on module for extracting features from images, and enhancements to the ENVI Zoom interface, including new visualization tools and enhanced vector support.

ENVI 4.4 improves the image processing workflow with functionality that allows image analysts to perform basic and advanced image processing routines easily and quickly. This ENVI release introduces SPEAR Tools, a robust set of wizard-based workflows that reduces the number of steps it takes to get the information needed from geospatial imagery. These tools include automated processes for spatial and temporal change detection, pan-sharpening images, terrain categorisation, and more.

The new Vegetation Suppression feature allows image analysts to visually remove vegetation from an image in order to see what is concealed by the vegetation, such as geologic and urban features and vehicles or other objects of interest.

ENVI add-on module support and enhancements ENVI 4.4 provides support for the new ENVI Feature Extraction Module, an add-on module to ENVI that allows analysts to quickly, easily, and accurately find and identify features of interest in high-resolution geospatial imagery. In addition, ENVI 4.4 also supports enhancements to the ENVI Certified NITF Module and the new ENVI Certified NITF Module with TFRD. These two NITF modules support file and data formats specific to government and military applications.

Enhancements to ENVI's optional Zoom interface now make common vector layer tasks, such as importing, editing, and exporting, faster and more convenient. ENVI 4.4 also delivers additional visualization tools in Zoom to increase workflow efficiency and make common image processing tasks easier and more intuitive.

https://www.gim-international.com/content/news/new-envi-software-release