

ENVI 4.8 and ENVI for ArcGIS Server

ITT Visual Information Solutions has released ENVI 4.8. This release streamlines the process of adding image analysis to the workflows of image analysts, researchers, and GIS professionals across industries. The solution delivers complete integration with the ArcGIS platform from Esri, now making image analysis tools accessible directly from within the ArcGIS interface. Releasing concurrently with ENVI 4.8, ITT also announces ENVI for ArcGIS Server, which delivers ENVI image analysis tools to users across entire organizations using ArcGIS Server.

The release also includes functionality for viewing Lidar data in a high performance display, a new, automated process for viewshed analysis, which gives users situational awareness from fixed vantage points.

ENVI 4.8 completes the third phase of ITT's integration effort with ArcGIS from Esri and makes it easier than ever to update a GIS with valuable information from geospatial imagery. This ENVI release allows ArcGIS users in both desktop and server environments to access ENVI image analysis tools from a familiar ArcGIS toolbox. ITT is also releasing ENVI for ArcGIS Server concurrently with ENVI 4.8, to provide the same toolbox capabilities for ArcGIS Server users, as well as the ability to create and publish applications and web mapping services, making image analysis available to ArcGIS users across an entire organisation and over the internet.

ENVI 4.8 makes it easier to add additional geospatial information to the overall image analysis workflow by extending ENVI's Lidar functionality to include a high performance, three-dimensional viewer that works efficiently with large datasets. This enhancement helps users visually interpret valuable Lidar data to get a more complete understanding of an area of interest. Additionally, ENVI 4.8 introduces an innovative and automated viewshed analysis process that guides users through multiple steps of determining which geographic elements are viewable from a fixed vantage point. This capability helps analysts make tactical decisions such as identifying out-of-site locations for concealed landfills and wastewater treatment centers, strategically placing cell towers, or determining the safest path for troop movement.

<https://www.gim-international.com/content/news/envi-4-8-and-envi-for-arcgis-server>
