

ENVI® NITF MODULE

Industry-leading support to read, display, explore and process NITF and MIE4NITF data

NITF (National Imagery Transmission Format) is the preferred data standard for the US Department of Defense (DoD) and the Intelligence Community (IC). NITF combines imagery, vectors and metadata into a single file to maximize speed and utility.

The ENVI NITF module is used to process, exploit and disseminate NITF data in a timely and accurate manner. The module is integrated with ENVI, the industry standard image processing and analysis software, for a seamless imagery experience. The module's API makes it easy for users to automate and customize their workflows.

MIE4NITF SUPPORT AND RAPID VISUALIZATION

The Motion Imagery Extension for NITF (MIE4NITF) standard was developed to combine the rich metadata support in NITF images with time-series information provided by Wide Area Motion Imagery (WAMI) and Full Motion Video (FMV) systems. With integrated support for the latest MIE4NITF data files, the ENVI NITF module empowers users to go beyond simply "viewing" the contents of the file.

The ENVI NITF module includes the Xtreme Viewer, which allows users to view MIE4NITF data as it was collected, enabling more informed tactical decisions. The Xtreme viewer allows users to view data up to 30 frames per second (FPS) with video player-like controls and allows users to pan, zoom and adjust contrast of the display.



With the ENVI NITF module, this 1,000 frame MIE4NITF dataset is being played back at 30 frames per second.



BENEFITS

- > Actively explore complex data sets and choose which information layers to visualize
- > Quickly apply analytics to your NITF and MIE4NITF data to generate additional insights
- > Customize and automate your workflows using an intuitive API
- > Visualize MIE4NITF data with the fidelity of a still image and the performance of a video

