

TNTmips 2012 Highlight Features

One icon automatically converts your 2D view to full color 3D stereo.

- View stereo using your passive or “glasses free” 3D color monitor or large screen 3D TV.
- No 3D monitor yet? – then use anaglyph stereo viewing mode on any monitor.
- Convert 2D views containing your local geodata layers and layers from the Internet from WMS, Arc, or MicroImages’ web site.
- Conversion automatically uses best resolution elevation coverage from microimages.com:
 - 30m global coverage from 83S to 83N,
 - 10m for USA 48 states with some states at 3m, or
 - 20m for Canada.
- Automatically resamples these elevations to match the CRS and resolution of your view.
- These DEMs can also be downloaded from microimages.com.
- You can also select your private higher resolution DEM from your drive or network.
(for example DEMs created from LIDAR or WorldView images)

Draw or edit features on the surface in the color 3D stereo view.

- Drawing and edit tools work directly on the 3D surface.
- Create or edit elements in a shape, vector, or CAD layer.
- Z values of elements interpolated from the elevation layer used for conversion.

View your geodata layers in Google Earth or Google Maps using custom mashups.

- Mashups can be viewed locally or published and viewed from the internet.
- Prepare and overlay images and mosaics of any size.
- Prepare and overlay vector feature layers of any size.
- Overlays are tileset structures and can be of any resolution and geographic extent.
- Use your custom terrain (i.e. DEM) in Google Earth.

Create, manage, and publish geometric data (i.e. vector tilesets).

- Export or render geodata for viewing in Google Maps, Google Earth, and Open Layers.
- Start with vector geodata.
- Export or render into a KML file, a larger KML tileset, or an SVG tileset.
- Immediately view these tilesets from a local drive or copy to a web site for viewing.
- Combine with other local vector or raster tilesets into a mashup for Internet access.
- Add KML files and raster tilesets published on any Internet web site.

LIDAR tools.

- Build and view LAS tilesets covering large areas.
- Manage and alter large LAS datasets such as changing CRS.

Quick access to tools to annotate or capture features in current view.

- Tool icons selectable directly from tool bar above view.
- Save annotations as a sketch (CAD) object.
- Reopen a sketch object.

Compose SML scripts using a graphical flow diagram approach.

- Add functions and classes to design canvas and connect to establish process flow.
- Automated operations for adding interactive prompts for input and output.
- Save and reload designs.

