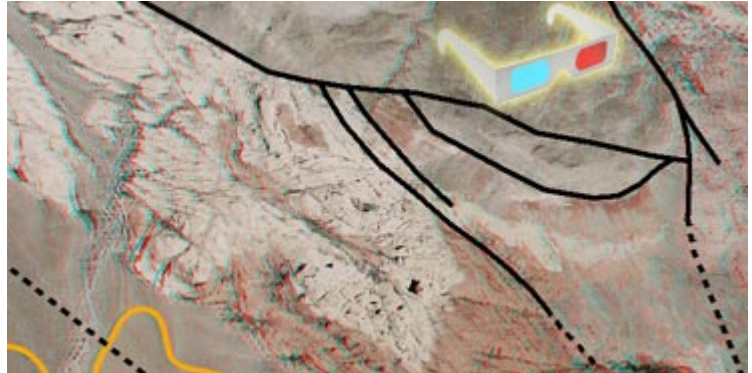


3D Visualization

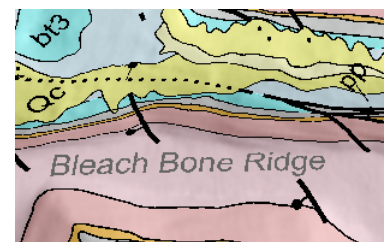
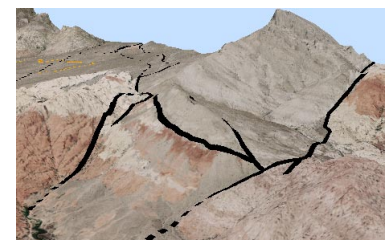
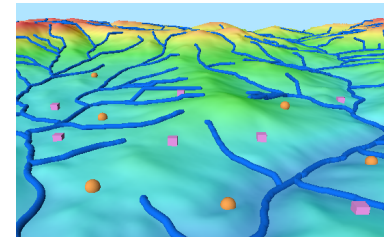
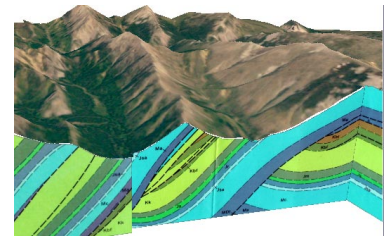
The TNT products include a full suite of 3D visualization tools to aid you in viewing, analyzing and understanding your geospatial data. Using digital elevation models (DEMs) provided by MicrolImages on DVDs or other media, or your own local DEM, you can view any type of geospatial data in 3D perspective and stereo views in TNTmips, TNTview, and TNTedit. No special data preparation is necessary. Atlases of your geodata prepared in TNTmips and distributed in the FREE [TNTAtlas](#) can also include 3D views.



Anaglyph (red-cyan) stereo 2D View

TNT 3D Visualization Highlights:

- Drape any georeferenced image and any number of geometric overlays over a terrain (DEM) layer to create and save 3D perspective views
- Drape points, lines, polygons, and labels in geometric objects over the terrain with full styling, including transparency
- View any georeferenced image in stereo in 2D and 3D views using anaglyph glasses or other stereo viewing device
- Create cross-sections and other 3D manifolds and view in perspective either alone or in combination with surface data
- Easily adjust viewer position and viewpoint
- Render 3D points and lines as 3D shapes
- Extrude polygons into 3D shapes and display points on stalks above terrain
- Launch Google Earth from your TNT 3D view with automatic match of your viewpoint and view geometry
- Fast update of the perspective view when layers are toggled on/off
- Control the detail and speed of terrain rendering
- Terrain properties can be stored with the DEM to speed display of 3D perspective views
- Print 3D perspective and 2D anaglyph stereo views
- Record 3D animations



[FREE TNTsim3D for Windows](#)

The FREE TNTsim3D viewing program for Windows lets you fly through 3D simulations in real time using joystick or keyboard controls. TNTsim3D uses specially structured Landscape Files that you can create from any of your geospatial data in TNTmips.

[Technical Guides on 3D Visualization](#)

[3D Perspective Visualization tutorial](#)

[Creating 3D Animations tutorial](#)