

Interactive Map Design

The TNT products include a full suite of interactive map design tools to aid you in layout and styling for maps of any complexity at a designated map scale. Maps can be designed for hardcopy prints or electronic delivery. You can design a single map that is well suited for either electronic or printed delivery. Interactive layout tools let you position your layers and groups precisely and then add automatic scale bars, map grids, legends, and annotation text. Complex map design can be accomplished in TNTmips, TNTedit, and TNTview.

Map Design Highlights:

- Incorporate any combination of raster, vector, shape, CAD, TIN, and pin map layers in one or more logical groups for your map
- Include layers in a wide variety of external formats without importing (e.g., JP2, MrSID, GeoTIFF, shapfile, DGN, DXF, geodatabases)
- Include map and image components published on the Internet by a Web Map Service (WMS) and/or an ArcIMS
- Use geographic attachment to organize many layers into logical groups and still obtain precise geographic overlay
- View any TNT map layout in Google Earth by rendering it to KML
- Directly overlay map and image components in any number of map projections to match a target projection
- Create templates for use with maps in a series
- Add map grids in one or more projections with control over coordinate display format
- Add complex legends that incorporate information from multiple layers and other marginalia (e.g., geologic map legends)
- Add automatic scale bars that adjust to changes in map scale
- Add multiple scale bars using different units
- Incorporate map insets with scale bars appropriately adjusted
- Incorporate 3D and anaglyph layers in your maps
- Use built in geospatial scripting language to dynamically define map features, such as declination arrows, and scale dependent styles
- Use mattes to apply borders, colors, and special effects to any group
- Interactively scale logos and other nongeoreferenced objects
- Design data-dependent styling using scripts (e.g. strike/dip symbols)

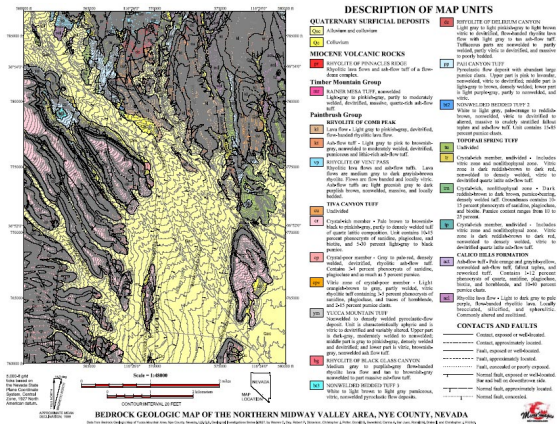
FREE TNTAtlas for Windows and Mac

The FREE TNTAtlas program for Windows and Mac lets you view maps created in TNTmips with no size restrictions. You can also view all database information associated with the geodata layers.

[Technical Guides on Map Design](#)

[Making Map Layouts tutorial](#)

[Discipline-specific Map tutorials](#)



PDF of geologic map prepared in TNTmips

