



Overview Panel

Make the Overview panel active by clicking on the Overview tab. This panel is used to list and manage the layer(s) selected for the overview image that will be shown for general area reference in the lower left corner of TNTmap Viewer. The Overview is not used in other viewers. (TNTmap's implementation of the Google Maps API uses the base layer and Google Maps Overlay in its overview while TNTmap Open uses the bottom layer only.) TNTserver automatically places a layer in this list. This layer is the Blue Marble global image with a vector overlay of national boundaries plus states/provinces where available. You can delete this layer using the Remove Layer or Clear All Layers icon (blue or red X at right edge of panel). You can then add any layer(s) you wish from any WMS to provide the contents of the Overview in TNTmap Viewer. For example, use a map of the general area covered by the layers in the Layers list. Layers are added and managed in this list just as for the Layers list outlined above with the exception of the top two icons.

Note that the Overview image is shown in TNTmap Viewer by default. An "Overview On/Off" icon in TNTmap Viewer can be used to toggle the Overview on and off. Also, if you have limited the area to be viewed using the globe icon or entered extents, the Overview image will be zoomed to those extents.

-  **Load Default Overview.** Adds the default global Overview layer described above. This button replaces the *Set extents and Coordinate Reference System from this layer* button that is present when the Layers panel is active.
-  **Match Main View.** Adds all the layers in the Layers list to the Overview Layers list. This button replaces the *Derive view extents from Locator to the right* button that is present when the Layers panel is active.

Help Panel

The Help tabbed panel has links to a variety of web pages, color plates, and multi-page Help documents. The top information link takes you to a page with general information about TNTserver and links to download third-party products needed for complete functioning of TNTserver and TNTmap (Apache, Perl, and a Google Maps API Key) as well as a TNTserver download link and links to additional TNTserver documentation. The second link opens a web page that describes each of the products in the TNT professional suite. The MicroImages' globe logo link takes you to a web page with a general description of MicroImages and its products and services. The TNTmap Builder link opens the separate 9-page PDF help document that describes the features of TNTmap Builder in detail (same as the TNTmap Builder section of the *Technical Reference Manual for the Installation, Management, and Operation of TNTserver 2006:72 and TNTmap 2006:72*). The TNTmap Viewer link opens the separate 5-page PDF help document that describes the features of TNTmap Viewer in detail. It is the same as the TNTmap Viewer section of the Technical Reference Manual. The links for the TNTmap Google Maps Viewer, Google Earth, and World Wind (Windows only) open the corresponding color plates. Each of these color plates explains the basics of using TNTmap Builder to select WMS layers for use in these viewers. The back of each of these three color plates describes how to use TNTmap Builder to save selected layers as context files for future use in the viewers. There are also links to contact MicroImages' client support or marketing and business departments. These pages are also included in the Technical Reference Manual.



Layer Locator View and Controls

The upper right corner of the Builder provides a Locator image to show you the geographic extents of any layer offered by any WMS. These extents are included in the XML metadata of the layers returned in response to your current selection of the WMS shown on the Services panel. The image used in this Locator is installed with TNTserver and retrieved with a GetMapRequest from TNTmap Builder. The default content is a global view of the Blue Marble global image with a vector overlay of national boundaries plus states/provinces for Canada, the United States, and Brazil.

If you pause the cursor over any layer name in the Services, Main View, or Overview lists, a red outline on the locator image shows you the geographic extents of that layer. You may also see a blue outline if an initial view