



MicroImages **MEMO**

Information update for the **TNT products**

18 January 2012

Capacities of TNTmips Free, Basic, and Pro

(available for Mac and Windows)

TNTmips Free

TNTmips Free is a version of TNTmips Pro designed for free student use. TNTmips free is not a demo; it is a fully featured geospatial analysis software package. TNTmips Free is exactly the same program as TNTmips Pro except that the license to use it free-of-charge determines the size, number, and complexity of geodata layers you can use in your project and omits some advanced features.

TNTmips Basic

TNTmips Basic is a low-cost upgrade of TNTmips Free with increased capabilities to enable professional geospatial analysis projects of a larger size. Your TNTmips Free can be upgraded to TNTmips Basic at any time using your credit card via PayPal.

Additional features are also activated. You can automatically view any combination of your georeferenced geodata (images, shape, CAD, LIDAR, ...) anywhere in the world in full 3D color using your 3D monitor or TV in anaglyph. Through your Internet connection you can also view any location in the world in 3D using imagery published by MicroImages at microimages.com. Converting the content of your 2D view to a 3D view can use your local DEM or automatically use the global elevation data published at microimages.com.

TNTmips Pro

TNTmips Pro is the most comprehensive professional geospatial analysis package available. It is priced much lower than competitive products even when you purchase only their entry level versions. Versions that subsequently require the purchase of many additional extensions and modules. All of TNTmips Pro's comprehensive geospatial analysis features are included in a single price.

Geodata usable in TNTmips:	Free	Basic	Pro
Cells in each raster or image	1,000,000	4,000,000	>terabytes
Topological vector elements in each layer			
points	1,500	3,000	<i>unlimited</i> ¹
lines	1,500	3,000	<i>unlimited</i>
polygons	500	1,000	<i>unlimited</i>
labels	1,500	3,000	<i>unlimited</i>
CAD elements in each layer			
elements	500	1,000	<i>unlimited</i>
blocks	5	5	<i>unlimited</i>

Shape elements in each layer	500	1,000	<i>unlimited</i>
LIDAR points in each layer	500,000	2,000,000	<i>unlimited</i>
Database records each table	1,500	3,000	<i>unlimited</i>
Each view			
Color 3D (i.e., in stereo)	no	yes	yes
Bing Maps layers	no	no	yes ²
number open at same time	2	2	<i>unlimited</i>
groups of layers in view	10	10	<i>unlimited</i>
layers in each group	20	20	<i>unlimited</i>
total number of layers	50	50	<i>unlimited</i>
raster tilesets (web or local)	no	yes	yes
render layers to tileset	no	yes	yes ³
Feature Mapping			
map classes	9	9	<i>unlimited</i>
total number of features	100	100	<i>unlimited</i>
Web Publishing ⁴			
create and manage tilesets	no	no	yes
mashup tilesets	no	no	yes
Production Operations			
Use SML scripting language	no	yes ⁵	yes
Job Processing ⁶	no	no	yes
Size of Prints	A3/12x17	A3/12x17	<i>unlimited</i> ³
Save table view for external use	no	yes	yes

¹ *unlimited* means that there is no limit on the number of elements in the layer that can be created or used in TNTmips Pro, however, limits may be imposed by your hardware, other software, or operating system.

² Each TNTmips Pro comes with a license purchased by MicroImages from Microsoft to use the Bing Maps image and road layers in every TNT view. This license is valid until the release of TNTmips Pro in January 2013.

³ A P15 option is required to print or render a layout directly from a TNT view to a size greater than A3/12x17. This is the only option available for TNTmips.

⁴ TNTmips Pro can prepare and assemble raster, vector, CAD, shape, DEM, tilesets (raster, KML, and SVG), and other geodata types for viewing and other uses in Google Maps, Bing Maps, Google Earth, OpenLayers, and World Wind.

⁵ SML is MicroImages' unique and powerful geospatial scripting language built into the TNT products. TNTmips Basic can use SML to structure queries, add tools to views, and add internal macro processing methods. Only TNTmips Pro can be used to create "stand alone" SML scripts that can be distributed and run as separate processes under any Pro license to TNTmips, TNTedit, or TNTview.

⁶ Job Processing = TNTmips Pro will simultaneously execute the same or different independent analysis processes or tasks on each of your processors to greatly improve throughput.