

TNTmips

The Power Tool of Geospatial Analysis

What can you do with TNTmips? It can empower you with more geospatial analysis tools than any other single product. Every example illustrated in this booklet was completed by the basic TNTmips product without any options. The lists of feature highlights in this brochure show that TNTmips does more for less.

One Size Fits All

No single product brings you as many features as TNTmips on the computer platform of your choice (Windows, MacOS, LINUX, or UNIX)! It provides everything you need to create, maintain, analyze, and publish all your geospatial materials. Are you frustrated with starting a new project only to find that before you can finish, you need to buy even more add-ons with varied interfaces, vendors, upgrade cycles, support, and policies? With TNTmips you do not need to buy a suite of products from one manufacturer or patch together a solution from several vendors.

TNTmips does it all on all platforms with a common geodata structure and user interface. It provides a simple user interface for those just starting out with new projects and expands this as needed to provide more and more power tools for enterprise level projects. For beginners it comes with a unique printed set of more than 50 color illustrated tutorial booklets averaging 24 pages each. They provide several thousand color illustrations and all the sample geodata used in the tutorials. With these materials and the on-line help system, you can learn geospatial analysis at your leisure. As you develop into a power user, you can turn to the on-line, 2500-page color-illustrated Reference Manual for every detail. Custom training in the use of all the TNT products for individuals or organizations is also available at a low cost.

Use all the Geodata Available

Depending on its source, your geodata will come in a variety of different data structures which must be reconciled and integrated. True geospatial analysis can be accomplished only when your geodata can all be used together. TNTmips can import/export, display, convert, edit, combine, and analyze all of the different kinds of geodata you will need.

-  **Vectors:** GIS (Geographical Information System) data is usually in vector form with controlled topology. TNTmips uses vector objects of any size and maintains topology in every operation.
-  **CAD:** Spatial data ranging from building plans, site plans, and maps is usually encountered in component-oriented CAD (Computer-Aided Design) format. TNTmips makes wide use of CAD objects.
-  **Rasters:** Images are used to create and update geodata representing the earth's surface and its use. TNTmips provides extensive tools for the management, interpretation, and analysis of images. Every raster can be gigabytes in size with cell values of any common numerical datatype.
-  **TINs:** 3D surfaces are commonly stored in TIN (Triangulated Irregular Network) formats. TNTmips creates and manages surfaces using TINs.
-  **Relational Databases:** These can provide extensive collections of geolocated information. They are also used as the depository for the attributes describing the components in all other geodata types. TNTmips comes with its own geospatially oriented relational database and an interface to other widely used relational database products.

No Programming Required

You probably do not want to write a computer program in some specialized language to efficiently complete your geospatial project. By contrast, all TNTmips features are accessible without programming. In fact, no programming was used to create any of the TNTmips illustrations in this booklet. On the other hand, for power users, TNTmips provides the SML (Spatial Manipulation Language). SML can be used to solve special, unique problems or create customized geospatial analysis tools. SML provides thousands of functions and classes dealing with the import/export, user interaction, display, and analysis of TNTmips project materials.

All TNTmips features are provided without cost in TNTlite except geodata export.



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