

PC-GIS PRO \$385.00 + S/H

Rated #1 in the June 2005 issue of the *Journal of Forestry!* In the article titled: "Digital Mapping Alternatives: GIS for the Busy Forester", PC-GIS is compared side-by-side with several GIS programs. **PC-GIS is rated #1** for the level of functionality at an affordable price. **PC-GIS PRO** is economical and easy to learn. PC-GIS PRO includes the **Forester's Toolkit**. Foresters, farmers, wildlife specialists and other land managers can customize the Toolkit for their specific applications.

The screenshot displays the PC-GIS PRO software interface. The main window is titled "PC-GIS - [Trees.FMP]". The menu bar includes File, Edit, Map, Topic, Sheet, Utilities, GPS, View, Window, and Help. The toolbar contains various icons for file operations, navigation, and analysis. The "Forester's Tools" toolbar is also visible. The interface is divided into three main views:

- Topic View:** A panel on the left with checkboxes for "Non-Spatial Data", "Street", "Stream", "Buffer (by Feature_ID)", "Property", "TREEFARM.TIF", and "Q44123E3.TIF". Below these is a text box: "Use PC-GIS Pro to georeference images. Then auto-align aerial photo with DRG Map as well as CMT BaseMap. Heads-up digitize street, stream, parking lot, etc. and measure length and area easily. Create riparian zones using the buffer or offset function."
- Map View:** The central area showing a georeferenced aerial photo overlaid with a Digital Raster Graphic (DRG) map. A red stream feature is highlighted with a blue buffer zone. A yellow box highlights a "Digitized Parking Lot". A red street feature is also highlighted. Text overlays indicate "Georeferenced Aerial Photo", "DRG Map", "Riparian Length: 945.2 Feet", and "Digitized Street Length: 551.8 Feet".
- Sheet View:** A spreadsheet at the bottom showing a table with columns: Sequence#, Feature_ID, SRC_FEAT_ID, Area_Acres, Maintenance, and Phone_#. The first row contains: 1, Buffer001, Stream, 5.1, John Smith, 555-5555.

Topic View is used to control **layer order**, legends, classification schemes and **automatic labeling**.

Map View displays your map with different **symbols**, background maps, **aerial photos** and linked media.

Sheet View is a **spreadsheet** containing a database of **attributes/values** used for queries, sorting & reports.

Email: support@cmtinc.com

For a detailed list of functions - <http://www.cmtinc.com/software/gisdetailed.html>

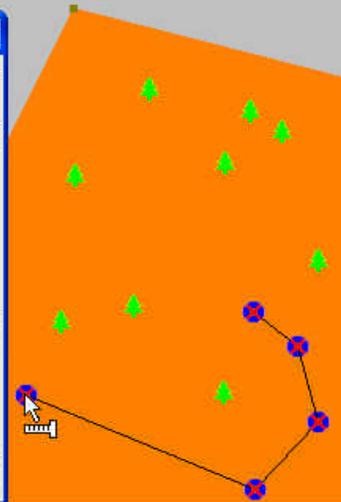
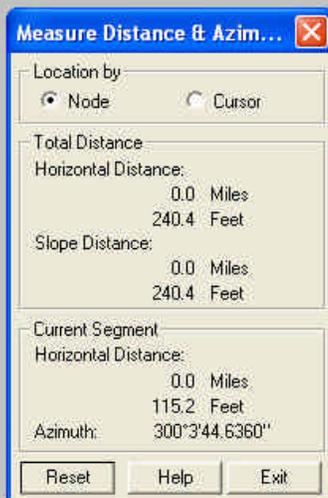
PC-GIS Pro is popular for **Forestry** applications.
It is great for **City**, **Utility**, **Farm**, and **Natural Resources** GIS.

HIGHLIGHTS

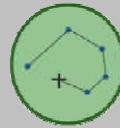
- ▶ **BaseMaps** with contour lines and 3-D shaded relief
- ▶ GIS functions: Split, Join & more
- ▶ **Buffering** for points, lines & areas
- ▶ Image support for:
 - MRSID® format
 - **JPEG2000**
 - **GeoJPEG**
 - Geotiff
 - ECW

Heads-up digitizing

- ▶ **Forester's Toolkit** included
- ▶ Huge symbol/pattern library
- ▶ GPS Navigation
- ▶ **Interactive spreadsheet**



Forester's Toolkit Built-in!



Heads-Up Digitize tracts and stands from **georeferenced** aerial photo. Share borders to **eliminate gaps** and overlaps.



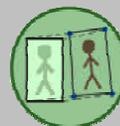
Split Tract/Stands into smaller areas along borders or other boundaries.



Combine Tracts/Stands and **join** along common boundaries to form larger areas.



Create "Islands" within a tract or stand. The "island" area is subtracted from the tract or stand to show **net acreage**.



Register Photos using **GPS points** or topo maps. View your photo and topo map side-by-side for **georeferencing**.



Add Roads, Streams, and other Point, Line and Area Features. Digitize the feature and assign a symbol with a click of the mouse.

PC-GIS PRO 09 Software Functions:

- ▶ Import/Export data: ASCII, MS[®] Excel & **Shapefiles**, DXF files, FTR files, PMP files
- ▶ **GPS:** Navigation, Routing
- ▶ **Heads-up digitizing**
- ▶ **Forester's Toolkit**
- ▶ Create: Grids (**Sampling Plots**), Buffers
- ▶ Topic: Classification, **Automatic Labeling**, Supplemental Data Mgmt
- ▶ Contours
- ▶ 3-D shaded relief map
- ▶ Save **Plot Preview** to JPG or PDF file.
- ▶ Link media to features.
- ▶ Join/Disconnect features.
- ▶ Sort features in table; see **statistics**.
- ▶ **Geo-reference** and Load photo/images
- ▶ Adjust image transparency.
- ▶ Feature List builder for **Field CE GIS**
- ▶ CE BaseMap & Image conversion
- ▶ **Google Earth[®] Interface**