

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]". It features a menu bar (File, Edit, Map, Topic, Sheet, Utilities, GPS, View, Window, Help) and a toolbar with various GIS tools. A "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 stream is highlighted in orange with a blue dashed line, labeled "Riparian Length: 945.2 Feet". A street is highlighted in red with a white dashed line, labeled "Digitized Street Length: 551.8 Feet". A yellow box highlights a "Digitized Parking Lot". An "Area" dialog box is open, showing: 1.1 Acres, 0.5 Hectares, 49238.8 Sq. Feet, and 4574.4 Sq. Meters.
- Sheet View:** A table at the bottom showing a database of features.

Sequence#	Feature_ID	SRC_FEAT_ID	Area_Acres	Maintenance	Phone_#
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>

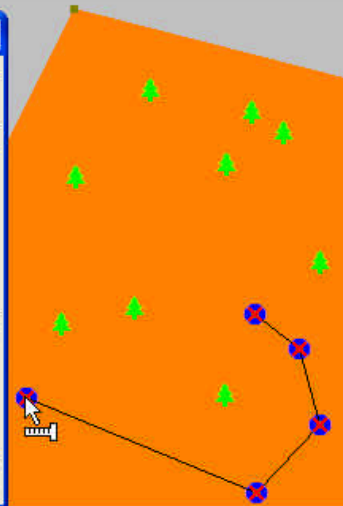
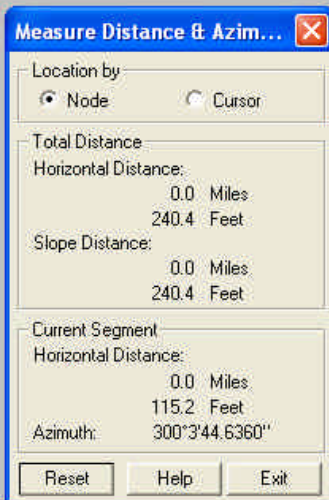
PC-GIS Pro is popular for **Forestry** applications.
It is great for **City**, **Utility**, **Farm**, and **Natural Resources** GIS.

HIGHLIGHTS

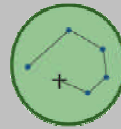
- ▶ **BaseMaps** with contour lines and 3-D shaded relief
- ▶ GIS functions: Split, Join & more
- ▶ **Buffering** for points, lines & areas
- ▶ Image support for:
 - MRSID® format
 - **JPEG2000**
 - **GeoJPEG**
 - Geotiff
 - ECW

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.



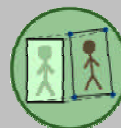
Split Tract/Stand into smaller areas along borders or other boundaries.



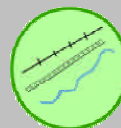
Combine Tracts/Stand and **join** along common boundaries to form larger areas.



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**