

Map Making 101

Sources for Software

Software	Use In Mapping	Comments	Cost
<u>Google Earth</u>	Finding general information about a location	Nice interactive user interface, but color aerals are grainy	Free
<u>OCAD 8 Demo</u>	Creating Orienteering Maps, real-time GPS logging. importing GPS track logs in DXF file format	Sufficient For Casual Mapping, limited in the number of objects on the map	Free
<u>OCAD 9 Standard</u>	Creating Orienteering Maps, importing GPS tracks	Can create PDF files	<u>580 Swiss Francs</u>
<u>OCAD 9 Professional</u>	Creating Orienteering Maps, interactive Internet maps w/database capability, real-time GPS logging.	Can create PDF files. Extensions for interactive Internet maps & demographics	1380 Swiss Francs
<u>GPS Utility</u>	Uploading tracks from GPS unit and converting GPS data to DXF format (for OCAD)	Fully functional and well supported by Alan Murphy, but some features are not "intuitive" to use	Shareware, registration \$55
<u>Easy GPS</u>	Uploading tracks from GPS unit	Cannot save to DXF format.	Free
<u>Expert GPS</u>	Uploading tracks from GPS unit	Cannot save to DXF format. Automatically downloads TerraServer topos and aerals	Personal license: \$60 Family license: \$75
<u>dlqv32 Pro</u>	Limited edition of Global Mapper from USGS	<u>History of dlqv32</u>	Free
<u>Global Mapper Demo</u>	Demo version	Cannot save or export anything, but good demo of capabilities	Free
<u>Global Mapper v7</u>	Automatic downloading of georeferenced topos/aerals from TerraServer.	Excellent utility for professional mapping in general. Can export to DXF format (for OCAD).	License: \$249

	Processing vector data and resolving projection/datum differences	but cannot upload GPS track logs.	
Adobe Reader v7	Viewing maps and documents in PDF file format	Very nice "dynamic zoom" feature	Free
Adobe Acrobat v7	Creating PDF files for distribution of maps and documents	OCAD 9 can now create PDF files	License: \$299

Minimal expense	Maps w/GPS tracks	USGS vector data	Mass distribution
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