

The departmental desktop standard

Cadcorp Map Manager

Cadcorp SIS – Spatial Information System V5 is a family of end-user and developer Windows based GIS products. Map Manager provides the casual GIS user capability to view, explore, query, symbolize and print map and tabular data. Map Manager is a user-friendly, complete package to get the job done.

Data Access

A successful GIS project revolves around the data. Is it in a form you can use? Is it in the right projection? Can we provide it a number of different scales? Map Manager solves all of those questions straight out of the box.

“Plug-ins” control access for map and database data. A plug-in is a gateway for the use of a particular data format. Map Manager ships with more than 35 different plug-ins to support all of the popular GIS and database formats including ArcView shapefiles, OS NTE MapInfo MID and many more. Cadcorp updates and adds to these on a regular basis.

Map Manager supports over 250 map projections allowing you to combine data from disparate projections into a single map on the fly, or to save out data in a new projection as needed.



Map Manager has a variety of ways to produce maps at the scales you need including zooming or keying in a specific scale. Map Manager will even automatically make you a “key map” to illustrate the area where more detailed information is located.

To find your way around your data, Map Manager introduces the Roamer, a unique magnifying glass viewer which enlarges just the area of the map the mouse is passing.

Data Representation

Once the data is assembled, a good part of the project involves presenting it effectively. Tabular information linked to the map can be used to determine fill colors, line styles and weights and point symbols. You can use value ranges to define categories to control how your maps look. This thematic mapping can help reveal patterns in your data that you may never have seen.

Map Manager also helps keep your maps uncluttered. Each map layer, called an overlay, can be assigned a scale dependency, meaning it is only visible when the scale is appropriate. For example, in a small-scale map, it would not make sense to present all of the building footprint outlines, but at a larger scale it might be very useful.

Thematic mapping and scale dependency are manipulated via dialog boxes so that even a novice user can make changes quickly and easily to produce the maps they need. Those changes are stored locally so that each user can retain or share their own preferred symbology for their needs without changing the data source.

Querying

Because GIS data includes not only graphics, but a database about those graphics, users spend a great deal of time asking questions about "where are..." and "show me..." Map Manager makes that process easy. A query tool allows the user to build query by clicking on lists of values and operators; there is no need to type in syntax. A gazetteer feature allows quick access to locations by keyword.

Sometimes a quick reminder of a feature's value is all that is needed to answer the question. For those situations MapTips can do the job. By simply moving the mouse over a feature, a user-selected item from the tabular data is presented.

Output

Map Manager includes a step-by-step Print Wizard to simplify producing exactly the map you want. The easy to use process covers titles, north points, neat lines, graticules, scale bars and legends assuring a complete professional looking map. Map Manager also supports linking and embedding to other Microsoft Windows documents.

Summary

Cadcorp Map Manager knits all of the key GIS tools together in a complete package for the casual user. Map Manager can stand alone or work as part of a departmental or enterprise-wide solution. Either way, Map Manager provides users everything they need to get the most from their mapping and database data.

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