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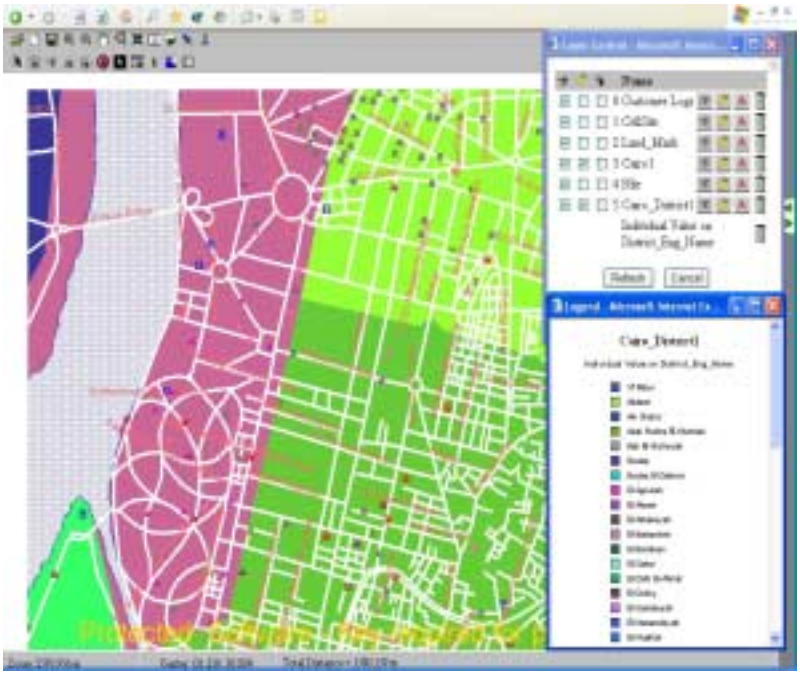
CyberXview Java



When it comes to visualizing your data, CyberXview is unparalleled in flexibility. You can place hundreds of different layers of data onto a single workspace. And with CyberXview, you can zoom out to view the entire world or zoom in to inspect all the details.

CyberXview employs a highly versatile data model where layers are stored as different files, and attributes can be stored in a variety of different file formats. For example, one layer may be customer data from an Excel spreadsheet, while another could be service territory in an Access database, and yet a third could be facilities information from a remote Oracle database. CyberXview lets you quickly create maps using any combination of layers.

You can further enhance the visual content of your map with raster images underlay such as satellite images, paper maps, photographs, company logos, and other graphics.

Now you can easily access and maintain data wherever it's stored to gain a complete and current picture of your business. CyberXview directly reads any data stored in MapInfo Professional popular formats locally at your desktop. Plus, MapInfo Professional's built-in remote database read/write capabilities allow for simultaneous connections to most popular database servers. CyberXview is supplied as a template easily adoptable to user's need.

CyberXview explores your organizational needs through the following viewpoints:

- Data and user setup wizard to streamline site deployment
- Full Layer Control including comprehensive Style Override
- A wide range of interactive 'select' and 'zoom' tools within the Map Window
- Full support for user-defined spatial & SQL queries on map layers and connected JDBC RDBMS data
- Thematic Mapping including individual and ranged thematic
- Edit and Edit Management tools
- Print layouts with map window, legend, and user defined text and graphics – watermark options on printing to protect copyrighted maps
- Other Options such as save preferred views to return to later, or save the contents of the map Window as an image

CyberXview's key features:

Easy set-up: CyberXview is relatively easy to setup. Users can quickly load their spatial data on the application. CyberXview stores spatial data as MapInfo format or in a relational database such as SpatialWare for SQL Server and Oracle with the spatial option. This allows you to protect your mission-critical spatial data in an enterprise-level database management system while providing appropriate access to any user on the World Wide Web.

Layers Control: The real power in controlling the display of your map lies in Layer Control. Its options enable you to display, remove, add, edit, select, zooming level, and label your layers. You can also change the order of map layers and themes. The Layer Control dialog shows all the layers that make up the current map and the status of the layer attributes. These attributes are: Visible, Selectable, and Auto label. The icons above each check box column represent the attributes. It is easy to change the attributes for one or more layers using the check boxes. You also have options available to change the display, label, and theme settings, and to reorder, add, edit, or remove layers. These settings will be maintained when you save the Map Geoset.

Map Window: The map Window allows the users to easily navigate the map displayed. Functions like Zoom-in, Zoom-out, Re-center, Pan, Zoom previous, Zoom Selection and View Entire Layer tools enable the users to interactively navigate through the map. Moreover, the info tool let the users select a location on the map, including multiple overlapping objects, and display a list of all objects at that location. Users can then choose an object from the list and view the tabular data for that object. Users can also measure and calculate map distances with the help of the Ruler tool.

Select tools: With the help of selection tools, users can select and deselect features of different types (points, lines, polylines, polygons…) on the map displayed. Many useful methods of selection are provides such as radius, marquee and boundary select.

Query: Users can query attributes from the map with the Query options provided. Users can select spatial elements using the buffer tool. Simple SQL query tool is there to assist users to easily and quickly query an attribute. More Sophisticated query builders are also provided for advanced users.

Thematic Map: Thematic maps are the heart of any GIS application because it enables the users to visualize data on the map. CyberXview provides the option to create and modify thematic maps based on large varieties of options, types and display features (charts, ranges, graduated, individual, grid….).

Edit: According to permissions, user can edit fields and attributes for features that are contained in the map. Moreover, they can edit the geometry of these features. They can also add or delete features on the current map.

Profile: Using profile, user can share data with other department, sharing information makes everyone more customer focused providing instant synthetic geographical views makes data access and reporting easier and more efficient

Multiple-synthetic maps can be configured, such as point of sales and coverage for each one. CyberXview enable users to store their analysis in a profile to share it with other colleagues for best decision.

Territory assignment: Users can set different names on different map's zoom setting so that every user can have a set of customized territory to be displayed in front of him every time he uses CyberXview to facilitate map browsing.