

MapInfo MapX® v5.0

THE EASIEST, MOST COST-EFFECTIVE WAY TO EMBED MAPPING FUNCTIONALITY INTO NEW AND EXISTING APPLICATIONS.

MAPINFO MAPX IS A ROBUST ACTIVEX COMPONENT - EASILY INTEGRATED INTO BUSINESS APPLICATIONS USING STANDARD VISUAL PROGRAMMING TOOLS. MAPINFO MAPX ENABLES YOU TO ADD MAPPING FUNCTIONALITY TO ANY APPLICATION, OFFERING A HIGHLY VISUAL WAY TO DISPLAY AND ANALYZE LOCATION-BASED DATA. THE RESULT IS BETTER CUSTOMER SERVICE, BETTER BUSINESS DECISIONS, AND BETTER MANAGEMENT OF OPERATIONS AND ASSETS.

FEATURES

- ▶ Fast Application Development—True Object Linking and Embedding (OLE)
- ▶ Robust Mapping Functionality—includes map viewing, manipulation and thematic mapping functions
- ▶ Spatial Database Spatial Support—Oracle9i™ Spatial and Locator, SpatialWare Datablade for IBM® Informix®, SpatialWare for Microsoft® SQL Server
- ▶ User Controls—including zoom, pan, identify, distance measurements and layer control
- ▶ Select Data—by radius, rectangle or polygon
- ▶ Free Data—including an extensive set of worldwide maps and data
- ▶ Support for military raster formats and Military Grid Reference System
- ▶ Support for ODBC data sources



Add Mapping to Applications

MapInfo MapX enables developers to integrate mapping functionality into new or existing applications—quickly and easily—using standard programming languages. With familiar languages such as Microsoft® Visual Basic®, Microsoft® Visual C++ and Delphi®, developers can quickly go to work, easily designing and implementing mapping features and functions.

MapInfo MapX offers a streamlined object model, extensive methods and events, efficient property pages and defaults, and other wizards to help simplify application development.

Data Access and Database Support

Spatial Server Access (SSA) enables developers to connect to live data stored in enterprise spatial servers such as Oracle9i™ Spatial and Locator and IBM® Informix® databases.

MapInfo MapX fully supports Oracle's SDO_Geometry spatial data format, coordinate systems and projections. Pass-thru support ensures that any valid SQL query can be passed to Oracle*gi*. *MapInfo MapX* also uses Oracle's Oracle Call Interface(OCI) pre-fetch methods to retrieve multiple rows per request, to improve performance.

Other popular data access methods supported, include those for Microsoft® Access and Microsoft® SQL Server. *MapInfo MapX* will also directly read ESR1® shape format.

Raster images can be used in *MapInfo MapX* to add a bitmap layer such as an aerial photograph. These images can then be displayed as a translucent image over your vector data.

Robust Feature Set Fits Your Business Needs

MapInfo MapX's diverse functions allow developers to meet specific business requirements. In addition, *MapInfo MapX* licensing includes extensive data (a world map, major cities, popular boundaries, and more).

Object Processing and Editing—Create, combine, buffer, intersect or erase objects like points, lines and polygons.

Improved Node Editing—Edit a geometry, such as a polygon, by adding, removing or moving individual nodes. New snap-to-node feature makes editing easier than ever before.

Thematic Mapping—Assign colors, symbols and shading to represent data values on the map. Options include range shading, individual value, dot density, pie charts and bar charts.

Enhanced Label Manipulation—Now select and edit individual labels on the map. Curve labels around roads and change their overall orientation. *MapInfo MapX* also allows labels to be displayed for any object in the current view.

Find—Any map object, such as customer, street, ZIP Code® and state can quickly be located and displayed.

Visual Spatial Selections—Select data in multiple ways such as by individual points, within a given polygon, or by drawing and enclosing data inside a circle or rectangle.

Geocoding—Places location information, such as a customer location, on a map, down to ZIP Code centroids. *MapInfo MapX* also supports MapInfo's geocoding tools, MapMarker® Plus and MapMarker® J Server, for more enhanced street level matching.

Drill Down—Drill down through map layers to more detailed views of data.

Object Processing—Combine, buffer, intersect or erase objects like points, lines and polygons and return resulting data.

Layer Control—Manage multiple layers of geographic information, such as data layer colors, zoom levels, fills and visibility.

Animation Layer—Stores data and automatically redraws moving objects, allowing developers to create real-time GPS tracking applications.

Raster Image Handling—*MapInfo MapX* displays satellite and scanned images as map layers.

Standard Database Querying—Support queries to popular data formats used in business applications.

Map Rotation—Specify the ability to rotate a map through 360 degrees for greater flexibility and more effective presentation of information (such as rotating the map while tracking a vehicle location in real time).

Per-Record Style Support—Retain and apply object styles in remote databases on a per record basis.

Export Formats—Exports the following formats: JPG, GIF, WMF, BMP, TIF, PNG, PSD.

Common Object Model

Whether you're developing desktop, web or mobile applications, you only need to learn the object model once. *MapInfo MapX* shares a common object model with MapInfo® MapXtreme® for Windows and MapInfo MapX® Mobile. This allows you to leverage your skills to deploy the applications how and where you need them.

An Integrated Solution

A global leader in location intelligence software, data and services, MapInfo provides location-based solutions built with our expertise in: mapping visualization; geocoding; routing; data and demographic analysis; and, consulting, training and technical support. With location intelligence, customers can address specific problems, make better decisions, easily profile and analyze their customers or constituents and build and deploy cost effective solutions.

MapInfo's geocoding solutions offer enhanced address matching capabilities for the United States, United Kingdom and Australia. The US street level geocoder, *MapMarker*, is available as an ActiveX component, which tightly integrates with *MapInfo MapX* and eliminates the need to manage a geocoder that runs separately from your application.

System Requirements

Microsoft® Windows® XP Professional, Microsoft® Windows NT® v4.0, Microsoft® Windows® 2000.

At least 15mb of available disk space, not including map data.

For More Information

Call 800.327.8627 or visit us at www.mapinfo.com/mapx to test drive a demo or to register for online seminars.

As we look to improve our products, and better serve you, our web site contains the most current information available on this product. Please refer to www.mapinfo.com/mapx for the latest updates and features.



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