



# MapInfo MapX<sup>â</sup> v4.5

*MapInfo MapX* is a cost effective, robust ActiveX component that is 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 to better serve customers, make better business decisions, and manage assets and operations more effectively.

**Learn more and download a FREE 30-day trial of *MapInfo MapX* at [www.mapx.com](http://www.mapx.com).**

## Feature Highlights

- True Object Linking and Embedding (OLE) for fast application development
- Robust mapping functionality including map viewing, manipulation, and thematic mapping functions
- Oracle8i<sup>®</sup> Spatial full read/write support
- Binding of data to Oracle Express Objects
- User controls including zoom, pan, identify, distance measurements and layer control
- Select data by radius, rectangle or polygon
- Integration with MapInfo<sup>®</sup> SpatialWare<sup>®</sup> DB2 extender
- Packaged with an extensive set of worldwide maps and data

## Quickly and Easily Add Mapping to Applications

*MapInfo MapX* enables developers to integrate mapping functionality into new or existing applications quickly and easily. It is integrated using standard programming languages—Visual Basic<sup>®</sup>, Visual C++, Delphi<sup>®</sup>, PowerBuilder<sup>®</sup> and Oracle Express Objects<sup>®</sup>. Because no new and difficult programming languages need to be learned, 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 Oracle8i

Spatial, Informix<sup>®</sup> and IBM<sup>®</sup> DB2<sup>®</sup> databases.

*MapInfo MapX* fully supports the Oracle8i<sup>™</sup> Spatial 8.1.6 SDO\_Geometry spatial data format. It also supports Oracle's coordinate systems and projections. Pass-thru support ensures that any valid SQL query can be passed to Oracle8i. *MapInfo MapX* v4.5 also uses Oracle's OCI (Oracle Call Interface) pre-fetch methods to retrieve multiple rows per request, thus improving performance.

Other popular data access methods are supported as well, including those for Microsoft Access (DAO 3.6) and Microsoft SQL Server. *MapInfo MapX* will also directly read ESRI<sup>®</sup> shape format.

Raster images can be used in *MapInfo MapX* to add a bitmap layer such as an aerial photograph.

## 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, etc).

## Object Processing and

**Editing**—Enables users to create combine, buffer, intersect or erase objects like points, lines and polygons. A Node Editing feature allows users to edit a geometry, such as a polygon, by adding, removing or moving individual nodes.

**Thematic Mapping**—Allows users to 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.

**Find**—Any map object, such as customer, street, ZIP Code<sup>®</sup>,

state, etc. can quickly be located and displayed.

**Visual Spatial Selections**—Data can be selected in multiple, flexible ways: 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* supports also MapInfo's geocoding tools, *MapMarker*<sup>®</sup> *Plus* and *MapMarker J Server*, for more enhanced street level matching.

**Drill Down**—Allows users to drill down through map layers to more detailed views of data.

**Layer Control**—Allows users 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**—Supports queries to popular data formats used in business applications.

**Map Rotation**—Developers can 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).

**Export Formats**—*MapInfo MapX* exports the following formats: JPG, GIF, WMF, BMP, TIF, PNG, PSD.

## A Whole Product Solution

MapInfo Corporation specializes in offering location-based business solutions. In addition to *MapInfo MapX*, we offer full worldwide support and service, data, geocoding tools, and other complementary products. A comprehensive, worldwide catalog of MapInfo's data products may be viewed at [www.mapinfo.com/data](http://www.mapinfo.com/data). MapInfo 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*, eliminating the need to manage a geocoder that runs separately from your application.

## System Requirements

Windows<sup>®</sup> 95, 98, NT v4.0.  
At least 15mb of available disk space, not including map data.

**Call today for more information at 1.800.327.8627 or visit us at [www.mapinfo.com](http://www.mapinfo.com) — because knowing where is just the beginning.**

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