

## MapInfo® Professional® v7.5

MapInfo Professional the industry's leading business mapping solution will be released in a new version in early September 2003. The product will built on its commitment to enable customers to perform sophisticated and detailed data analysis to drive insightful decisions.

### Highlights of this release are:

- New productivity enhancements that simplify and streamline the usability of the product
- New data creation and data analysis tools for improved analytical capabilities
- Enhanced support for printing, layout and display
- Expanded product interoperability by new OGC standards support
- Leverage latest in database and hardware performance enhancements

### Feature Benefits

**Product:** MapInfo Professional

**Version:** 7.5

#### Supported Operating Systems:

MapInfo Professional 7.5 has been certified and supported on the following operating systems

- Windows 98 SE
- Windows NT + SP 6
- Windows 2000 + sp3
- Windows XP Home **Logo Certification** (\*)
- Windows XP Professional + SP1 **Logo Certification** (\*)

**Benefit:** MapInfo Professional 7.5 will continue to support the diverse IT needs of the customer. The release will maintain MapInfo's commitment to allow any and all users to have access to location based technology without costly IT hardware requirements.

(\*) MapInfo Professional will continue to have its unique advantage in this space by providing the certification of the product from Microsoft. By following Microsoft standards for software installation/uninstallation and user interface, as the logo requires, MapInfo customers will continue to benefit from greater stability and improved ease of use of the product.

### New Features:

Feature Area	Benefit	Use Case
<b>Data Access</b> MapInfo views robust data access, particularly accessing variety data formats as key to interoperability and	The ability to access data from multiple data sources and data types makes MapInfo Professional a powerful and user friendly application for customers in all industries	A Marketing analyst will want to visualize the infrastructure data and overlay it with existing customer data as well as potential customers in order to develop a targeted

usefulness of spatial technology		marketing campaign. This analysis requires access to multiple data types and formats at once. MapInfo Professional provides this functionality right out of the box.
Web Mapping Service Client	Data produced by different technologies in different locations can be viewed and overlaid on top of data sets from local or remote sources through a simple interface. By supporting this Open GIS Consortium (OGC) specification MapInfo Professional provides a new level of integration and interoperability.	A data analyst can now access one server to view aerial imagery and another server for parcel information and yet another for the latest municipal boundary data - all through the simple action of typing the server URL and picking the data to be accessed live. From that point, the connection will function as a layer in MapInfo Professional
Oracle 9.03 support as well as enhanced support to display 8.17 3D tables	Many private and public organizations use Oracle as the back office standard for their data. MapInfo Professional supports Oracle as well as Oracle Spatial directly, thus enables these organizations to analyze the data from its original source without additional IT effort on middleware.	Organizations that use Oracle as the back office data standard. Can continue to leverage this database with MapInfo as well as other technologies. For example: Geo Media and MapInfo Professional accessing Oracle directly for editing and analyzing spatial data.
Enhanced Table Viewing and Editing MapInfo Professional now supports the simultaneous viewing of up to 240 remote tables in a single session. This is an increase from 45-file limit in previous versions.	Customers now can view more complex maps than ever before and leverage dynamic layering in an efficient way. Furthermore, the ability to have larger open files saves time and allows more editable tables to be open w/out forcing a save due to system limitations.	Data creators and analysts that are making edits to multiple remote tables will now have full roll back capability (undo). The new limit will facilitate greater efficiency by reducing the number of times they were required to save during edits.
Enhanced support of Microsoft Excel files	MapInfo Professional customers can now access Microsoft Excel data that is as large as Microsoft will allow (65,536 rows). Previous MapInfo limit was 32,768 that were viewable.	Data Analysts often export data from their financial systems to Microsoft Excel for analysis. These files were often very large containing thousands of rows. The new enhancement will support the viewing of any file that can be

		opened in Microsoft Excel
Enhanced “Make Remote Table Mappable” interface	MapInfo Professional will now support the reading of Oracle MetaData catalog when making existing Oracle tables mappable. This will facilitate simpler as well as more accurate data description in MapInfo Professional.	Organizations that use Oracle as the back office data standard can simplify the data sharing process between client applications. i.e. A CAD software can be used to digitize all assets, and MapInfo Professional’s “Make Remote Table Mappable” feature can now automatically access these tables and gain valuable information about the data. Facilitating the dynamic and effective sharing of information.
<b>Data Display</b>		
Enhanced Projections (KKJ, JGD 2000)	<ul style="list-style-type: none"> <li>• KKJ – enhanced accuracy</li> <li>• JGD 200 – expanded geographic coverage</li> </ul>	The ability to visualize data in the most meaningful way often means supporting data representation that is region specific. The enhancements increase the value of the software to these geographies.
Enhanced Support for Fill Patterns (fill patterns now can be up to 32x32 pixels)	The key benefit of MapInfo Professional is Map visualization – fill patterns of regions provide the ability to highlight a region or differentiate different territories from each other. In MI Pro 7.5 you will find more complex and meaningful patterns for shading territories.	An analyst can use more meaningful fill patterns to highlight a specific territory.
More fill patterns	Greater selection for fill patterns on region display gives the ability to use more meaningful patters when representing a geography.	An analyst can use the new fill patterns to represent different types of geography in a more meaningful way.
Enhanced Custom Symbols	The key benefit of MapInfo Professional is Map visualization. MI Pro 7.5 will provide the ability to have more custom symbols, higher resolution and higher color depth symbols.	Customers are often interested in using their own high-resolution company logo as a symbol on a map for their stores. MI Pro 7.5 enables this option.

Improved Performance for Raster Display	Optimized “look ahead” logic for raster display result in faster map processing and greater response from the product even with intensive data sets.	More and more organizations utilize aerial imagery. The enhanced feature will automatically filter and render only the visible tiles – reducing display time significantly.
Improved User Interface for Raster Registration	Intuitive and user friendly raster registration capability will save time and streamline the geo referencing process of aerial imagery.	
Improved 3D window resolution	The key benefit of MapInfo Professional is Map visualization – The improvement of the 3D window enhances the overall value of this feature.	
<b>Data Processing/Editing</b>		
New User Interface for Move/Copy map Objects support	Simpler and more user-friendly method of editing or creating data.	
New User Interface for Rotate Objects	Simpler and more user-friendly method of editing or creating data.	
Improved Distance and Bearing utility	Simpler and more user-friendly method of editing or creating data.	
Visual Snap	Facilitates greater accuracy and speed in data creation/update.	
Cross Hair Support much like CAD programs	Facilitates greater accuracy and speed in data creation/update.	
Buffer and Voronoi into a new table option	When performing data analysis , this is a time saving enhancement that transforms point data to region data in a single step.	An analyst wants to find all the customers that are ½ a mile from each of their stores. In MI Pro 7.5, the user will buffer the stores in ½ mile ring into a new table. The function will copy the attribute data so that the buffer now will represent the store. A second operation of selecting all the customers that fall within the buffers will complete the operation.

Update column create a temp column w/out join	Greater analytical flexibility to perform analysis on derived or calculated columns.	An analyst can create a temporary column on a large table that is the division of invoice price by the average price and create a thematic map based on that new value. The new map will shade the map with respect to company average highlighting the territories that did better than average.
Enhanced Create points user interface	Ability to use non numeric fields to create points, as well as recreate existing points, simplifies the process of visualizing customer data.	
Support of Zoom in/out and Pan during data creation	Greater accuracy and control during data maintenance and creation.	
Enhanced undo memory size	Large operations that could not be undone until now, will now be reversible through the undo process.	
<b>Productivity Enhancements</b>		
Addition of 15 new shortcuts	Great productivity enhancements through hotkeys and shortcuts resulting in efficient use of the product and saving time to the user.	
Updated utility to name or rename map or layout window	Greater control, clarity and organization when working with large tables.	
Keyboard support for zoom in/out and pan. Updated move objects using CTRL+ arrow keys.	Greater flexibility for map manipulation via keyboard facilitates significant time savings and ease of use.	
Enhanced opened windows manger including the highlight of the current active window.	Greater control and clarity when working with multiple windows.	
Workspace Packager	Simple yet powerful way to share projects with other MapInfo users regardless of their	

	location.	
Clear last workspace name from save workspace dialog after close all	Avoid the overwriting over an existing workspace when all tables and work has been closed.	
<b>Enhanced Publishing</b>		
Print to Scale UI control	Automatically adjusts the map zoom level to the desired scale within the given map area. This enhancement facilitates the use of templates and consistent standards for output.	Many organizations often have a need to print monthly maps showing customer activity in a standardized way. Print to scale facilitates simple and efficient way to recreate the same zoom/detail maps every period.
Scaling of patterns during printing	Clearer/more defined output when printing fill patterns results in higher quality maps.	
Support for high resolution symbol printing	High quality printing of symbols enhances the overall clarity as well as the visual effect of the map.	
Renewed partnership with HP which resulted in new HP driver 4.63 for better printing	Successful printing of MapInfo's output on HP's latest printers.	

### **Supported Databases:**

MapInfo Professional supports two types of access to databases. The first is standard ODBC access. This method enables MapInfo Professional to access to customer's tabular information as well as the ability to store and display map points that may reflect customer address/assets/store locations etc. right from the database.

The second database access option MapInfo Professional supports is the access to spatially enabled databases. This capability enables the database to store the tabular data as well as the spatial data inside the database. This allows spatial queries and operations to be performed at the database level as well as the centralization and database level security for spatial data. MapInfo Professional 7.5 supports the following spatial databases.

- Oracle 8.17, 9.02 and 9.03
- Microsoft SQL Server with MapInfo SpatialWare 4.6
- IBM Informix with MapInfo SpatialWare

**Benefit:** MapInfo Professional 7.5 continues to deliver on the commitment of accessing data where it lives - allowing the smooth and simple integration of location based technology with customer's existing IT environment.

**Certifications:**

- Microsoft Windows XP certification
  - **Benefit:** MapInfo Professional will continue to have its unique advantage in this space by providing the certification of the product from Microsoft. By following Microsoft standards for software installation/uninstallation and user interface, as the logo requires, MapInfo customers will continue to benefit from greater stability and improved ease of use of the product.
  
- MapInfo Vertical Mapper 3.0 support
  - **Benefit:** MapInfo Professional 7.5 will continue to function with all other add-on technologies so customers can benefit from the new features while ensuring that all other add-on technologies continue to function at optimal levels.
  
- MapInfo SpatialWare 4.6 support
- MapInfo Discovery 1.1 certification

**Correction of product deficiencies that facilitate optimal product performance:**

The following product deficiencies have been addressed in this release of the product  
(List to populated in future...)