

# MapInfo Professional® Comparison Chart



MAPINFO PROFESSIONAL®, THE INDUSTRY'S LEADING BUSINESS-MAPPING SOLUTION, LET'S YOU PERFORM SOPHISTICATED AND DETAILED DATA ANALYSIS TO DRIVE INSIGHTFUL DECISIONS. IN TODAY'S BUSINESS ENVIRONMENT, YOU NEED TO QUICKLY IDENTIFY WHERE YOU UNDER-SERVE YOUR CUSTOMERS...AND OVERSPEND. THERE'S OPPORTUNITY YOU CAN'T SEE. AND WASTE YOU CAN'T IDENTIFY. WITH THE NEW FEATURE ENHANCEMENTS OF MAPINFO PROFESSIONAL v7.0, YOU'LL GAIN BETTER INSIGHTS AND MAKE BETTER DECISIONS. MAPINFO PROFESSIONAL v7.0 OFFERS SPECIFIC DATA ACCESS, MANIPULATION, VISUALIZATION, PRESENTATION, OUTPUT AND USABILITY ENHANCEMENTS REQUIRED BY EXISTING AND NEW USERS.

## HOW DOES MAPINFO PROFESSIONAL COMPARE TO PREVIOUS VERSIONS?

### New with MapInfo Professional v7.0

#### Platform Support

Microsoft® Windows® XP logo (XP Professional and XP Home support), Microsoft® Windows® 2000 logo certification, Microsoft® Windows NT®+SP6 and Microsoft® Windows® 98—tested—works the same as previous logo certified versions

#### Remote Database Support

X,Y (point Data)—MS Access, SQL Server, Oracle, Informix, Spatial (Map Objects)—Oracle, Informix, SQL Server Significant performance improvement on SQL Server

#### File Types

Direct read of Shape files, Import support for GML. Built in support for the following raster formats: MrSid, ECW, JPEG2000, ADRG, CADRG, CIB, ASRP and NITF

#### Projections

Double Stereographic Projection, Austrian Projection, JGD 2000 support for Japan

#### Object Processing

Split by line polyline, Voronoi polygons, Data Aggregation for buffer, erase and erase outside support for: Points, multipoints and collections.

#### Data Editing

Rotate Objects, Move objects using arrow keys, undo nodes during polyline and polygon creation

#### Improved User Experience

Create new table based on open table, Combine objects using column save results in new table, better import of Microsoft® Excel Files, auto detection of Shape file projections during translation, persist categories for individual value themes, file open now opens tables workspaces and remote database tables all from one simple dialog

#### Publishing

Save window as to user defined resolution, updated Crystal Reports 8.5, Send live maps to MapInfoDiscovery™ web server support, Send Map to MapInfo MapX® Mobile option

#### Better control over installation and maintenance

Support for common application data files; Smart Update menu opt.

#### Tools

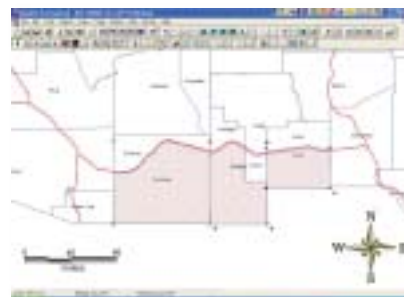
New North Arrow tool; Enhanced Coordinate Extractor tool



MapInfo Professional v7.0 helps you create more polished maps by easily embedding a stylized North Arrow in a Map or a Layout Window



Now you can embed charts and maps in your reports with Crystal Reports 8.5.



MapInfo Professional v7.0 offers new object processing options such as Split by Line or Polyline—enabling the creation of custom geographies by splitting states across highways.



New Object Editing options—such as rotating objects—allow for better map “stitching” and alignment.

**Platform Support**

Microsoft® Windows® 2000 logo certification, Microsoft® Windows® 95 and 98 and Microsoft® Windows NT® 4.0 tested: works the same as previous logo certified versions

**Database Support**

Oracle 8.1.6, MS Access 2000, MS Access multi-user

**Remote Database Support**

Support for MapInfo® SpatialWare® 4.5 on all platforms; (IBM® Informix®, IBM® DB2, SQL Server, Oracle® 8) Support for Oracle® Spatial 8.1.5, 8.1.6, and 8.1.7. Improved performance

**Raster/Grid Enhancements**

Raster and Grid Translucency (great for Telcos to display RF propagation data) Raster display override: Direct read of DEM, DTED, and GTOPO30 grid formats

**3D Prism Maps**

Great for bivariate thematic mapping; display two different variables at once

**TIN-base Interpolator**

New method for continues thematic best for terrain data modeling as well as Natural neighbor analysis

**Object Processing**

Clean (remove self-intersections, gaps, and overlaps); snap/Thin/Generalize (remove extra nodes to simplify geometry); Disaggregate (separate composite objects into separate components); Performance improvements (operations like erase reduced from hours to minutes)

**New Object Types**

Oracle Spatial and Open GIS Consortium compliance Multi-point Collection (combination of points polylines and polygons)

**Invert Selection**

User Interface and Usability, Enhancements, View entire layer defaults to 'All, layers': Raster and grid zoom layering, preferences. Most Recently Used list, expanded from 4 to 10 items

**Tools**

Enhanced HTML Image Map Tool, Enhanced Scale Bar, New Coordinate Extractor Tool, New Grid Tool

**Database Support**

Oracle® 8.1.6, Microsoft® Access 2000, Microsoft® Access multi-user

**Internet Support**

HotLinks, HTML Image Maps, MetaDataBrowser

**3D Viewing**

Rotate, pan, zoom, query, drape, and print

**Output**

24-bit color, control over color dithering method, control over, transparency handling technique, control over page size, control over, defaults

**Object Processing**

Create convex hull and enclosed area polygons. Use Microsoft® Windows® support for clip regions.

**Geocoding**

Support user control of inset from ends of street and offset to side of street. Correctly interpolate along polygons.

**Cartographic Legend**

Automatically align items across frames. Support generating item labels from joined tables.

**Projections**

Fixes for polyconic projection. Support for Oblique Aspects of Azimuthal. Equidistant projection. Many new datums and ellipsoids.

**Raster File Formats**

ECW from ER Mapper. VMGrid from Northwood Geoscience.

**Vector file formats**

VPF, SDTS, and AutoCAD 2000. Fix for 'Survey Feet' problem when importing.

**Tools**

New Rotate Symbols and Labels tools. Improved Scale Bar and Table Manager to support metadata

**Database Support**

Oracle®8i

**Business Graphing and Charting**

3D, extensive style control and active selection

**Relief Shading**

Dramatically reveals the terrain of a continuous thematic map.

**Cartographic Legends**

Data-driven legends automate the processing of creating detailed entries.

**Raster File Formats**

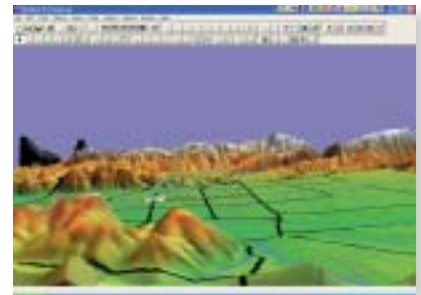
MrSID, WMF, PNG, Adobe® Photoshop® 3.0.

**User Interface Enhancements**

Display length while drawing: display coordinates degrees, minutes, seconds (DD° MM' SS") format: save printer settings (page orientation, etc.) in workspace: select-by-drawing-polygon tool; unselect-all button; explicitly specify Spherical or Cartesian length and area calculations

**Tools**

MapWizard, Check and Set CoordSys Bounds, DEM to Grid



Three-dimensional terrain maps, introduced in MI Pro v6.0 offer greater insight and visual impact.



With MapInfo Professional v6.5 came Prism Maps and the ability to create bivariate thematic maps. Extrude regions based on a value or just generate a city landscape view.



MapInfo Professional v6.0 enhanced Cartographic Legends making them better looking and easier to create.



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