

SUPPORTED FILE FORMATS

Datamine Discover/MapInfo Pro Advanced supported data types.

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TABULAR AND VECTOR DATA

Format	Extension	Tool	Note
3D Studio files	.3DS	DISCOVER>Import>Vector Import	
Access database	.MDB	HOME>Open>Database Table	a
Access database	.MDB	HOME>Open>Database Table	b
Access 2007	.ACCDB	HOME>Open>Database Table	c
acquire database		DISCOVER>Import>acquire Import	
AMIRA	.TEM	DISCOVER>Import>ASCII Import	d
AutoCAD	.DWG	HOME>Open>Universal Data	
AutoCAD	.DXF	HOME>Open>Universal Data	
AutoCAD	.DXF	DISCOVER>Import>Vector Import	d
AutoCAD	.DXF	HOME>Open>Import	e
Bentley MicroStation Design	.DGN	HOME>Open>Universal Data	
Bentley MicroStation Design	.FC1	HOME>Open>Universal Data	
Bentley MicroStation Design	.POS	HOME>Open>Universal Data	
Comma separated ASCII	.CSV	HOME>Open>Table	
Comma separated ASCII	.CSV	DISCOVER>Import>ASCII Import	f
Datamine	.DM	DISCOVER>Export>Datamine Studio Export	
Datamine wireframe	.DM	DISCOVER>Import>Vector Import	
DataSight database		DISCOVER>Import>DataSight Import	
dBase	.DBF	HOME>Open>Database Table	
Delimited ASCII	.TXT	HOME>Open>Table	
ERMapper	.ASC	DISCOVER>Import>ASCII Import	f
ERMapper vector	.ERV	DISCOVER>Import>Vector Import	
ESRI ArcInfo Export	.E00	HOME>Open>Universal Data	
ESRI ArcSDE		HOME>Open>Universal Data	b, g
ESRI GeoDatabase	.MDB	HOME>Open>Universal Data	b, g
ESRI shapefiles	.SHP	HOME>Open>Table	b
ESRI TIN	.ADF	DISCOVER>Import>Vector Import	
Excel	.XLS	HOME>Open>Table	b
Excel 2007	.XLSX	HOME>Open>Table	c
Gemcom binary triangulation	.BT2	DISCOVER>Import>Vector Import	
GemSys	.TXT	DISCOVER>Import>ASCII Import	f
Geographic Markup Language	.GML	HOME>Open>Table	
Geographic Markup Language	.XML	HOME>Open>Table	
Geosoft Database	.GDB	DISCOVER>Import>Geosoft Import	
Geosoft XYZ	.XYZ	DISCOVER>Import>ASCII Import	f
GOCAD vector	.TS	DISCOVER>Import>Vector Import	
GOCAD vector	.VS	DISCOVER>Import>Vector Import	
GOCAD vector	.PL	DISCOVER>Import>Vector Import	
GPS eXchange	.GPX	DISCOVER>Import>Vector Import	
ioGAS	.GAS	DISCOVER>Import>ioGAS Import	

Format	Extension	Tool	Note
Keyhole Markup Language (Google)	.KML	DISCOVER>Import>Vector Import	
Leapfrog Geo		DISCOVER>Export>Leapfrog Export	
LIDAR LAS (ASPRS)	.LAS	DISCOVER>Import>LIDAR LAS Import	
LizardTech MrSID	.SID	DISCOVER>Import>Vector Import	
Located Data	.LDT	DISCOVER>Import>ASCII Import	f
Log ASCII Standard	.LAS	DISCOVER>Import>ASCII Import	f
Lotus 1-2-3 spreadsheet	.WK*	HOME>Open>Table	
MapInfo Pro DOS	.MBI	HOME>Open>Import	
MapInfo Pro DOS	.MMI	HOME>Open>Import	
MapInfo Pro DOS Image	.IMG	HOME>Open>Import	
MapInfo Interchange	.MIF	HOME>Open>Import	
MicroMine data	.DAT	DISCOVER>Import>Micromine Import	
MicroMine strings	.STR	DISCOVER>Import>Micromine Import	
Microsoft SQL Server 2008 Spatial		HOME>Open>Universal Data	h
MineSight string	.SRG	DISCOVER>Import>ASCII Import	
ModelVision Hole files	.HOL	DISCOVER>Import>ASCII Import	f
ModelVision Line files	.LIN	DISCOVER>Import>ASCII Import	f
ModelVision Point files	.PTS	DISCOVER>Import>ASCII Import	f
OS MasterMap	.GML	HOME>Open>Import	
Oracle spatial database		HOME>Open>Database Table	
PostGIS spatial database		HOME>Open>Database Table	
Spatial Data Transfer Standard	*CATD.DDF	HOME>Open>Universal Data	
SQL Server		HOME>Open>Database Table	
Surpac String	.STR	DISCOVER>Import>Vector Import	
Surpac Vector	.DTM	DISCOVER>Import>Vector Import	
Text	.TXT	HOME>Open>Table	
Text	.TXT	DISCOVER>Import>ASCII Import	f
Vector Product Format (VPF)	*.FT	HOME>Open>Universal Data	
Vulcan Archive	.ARCH_D	DISCOVER>Import>Vulcan Import	
Vulcan triangulation	.OOT	DISCOVER>Import>Vector Import	

- a For the creation of live or refreshable database links
- b Read-only
- c Read-only in MapInfo Pro 10.0
- d Automatically stores attribute elevation data
- e Works with most DXF formats, but least flexible
- f Import templates, projection assignment, native file creation
- g Requires ArcGIS/ArcInfo to be installed
- h In MapInfo Pro 10.0

IMAGES

Format	Extension	Tool	Note
Adobe Photoshop Version 3.0	.PSD	HOME>Open>Table	
Bitmap	.BMP	HOME>Open>Table	
Bitmap	.BMP	IMAGES>Rectify Image	i
Discover PA Located Images	.EGB	IMAGES>EGB Import	
Windows Enhanced Metafile (+ and +dual)	.EMF	HOME>Open>Table	
ERMapper Enhanced Compression Wavelet	.ECW	IMAGES>ECW/JP2 import	j
ERDAS Image Web Server	.ECWP	IMAGES>ECW/JP2 import	j
GeoTIFF	.TIFF	HOME>Open>Table	k
Graphics Interchange Format	.GIF	HOME>Open>Table	
Graphics Interchange Format	.GIF	IMAGES>Rectify Image	i
Joint Photographic Experts Group	.JPG	HOME>Open>Table	
Joint Photographic Experts Group	.JPG	IMAGES>Rectify Image	i
JPEG 2000	.JP2 .J2K	IMAGES>ECW/JP2 import	j
MrSID	.SID	HOME>Open>Table	
National Imagery Transmission Format	.NTF	HOME>Open>Table	
PC Paintbrush Exchange	.PCX	HOME>Open>Table	
Portable Networks Graphics	.PNG	HOME>Open>Table	
Portable Networks Graphics	.PNG	IMAGES>Rectify Image	i
SPOT satellite	.BIL	HOME>Open>Table	
Tagged Image File Format	.TIFF .TFW	HOME>Open>Table	l
Tagged Image File Format	.TIFF	IMAGES>Rectify Image	i
Targa	.TGA	HOME>Open>Table	m
Vertical Mapper	.GRC	HOME>Open>Table	
Vertical Mapper	.GRD	HOME>Open>Table	n
Windows Media Format	.WMF	HOME>Open>Table	

i Accurate 'rubber-sheet' rectification i.e. image is stretched, skemed and warped to accommodate control points

j Automatic image registration

k Imports embedded coordiante registration information

l Support for automatic coordinate registration via .TFW world file

m Truevision File Format Specification 2.0

n GRD files can be treated as either a grid or raster image. If the associated .TAB file contains a RasterStyle 6 entry, the file will be treated as a grid

RASTER (GRID) DATA

MapInfo Pro Advanced supports a range of formats via the following process:

1. Select the **RASTER>File>Open** tool.
2. Change the filter for **Files of type** to <Raster Image>.
3. Select the raster file you wish to open and click OK. You may be warned that an existing table definition exists. Click OK to overwrite it.
4. The raster is loaded into the Map window.

The following formats are supported:

Format	Extensions
Band Interleaved Image by line	.BIL .BIP .BSQ
Encom Float Grid	.GRD
ERMapper ERS Grid	.ERS
ESRI ASCII and Float grids	.ASC .FLT
ESRI ADF formats	.ADF
GDAL default formats	.IMG .DEM .DAT .VRT .DT0 .PIX
GDAL ENVI Raster	.DAT
Geosoft Oasis Montaj™ Grid	.GRD
GeoTiff Images	.TIF .TIFF
Multi-Resolution Raster	.MRR
Surfer ASCII and Binary Grids	.GRD
Vertical Mapper Classified Grid	.GRC
Vertical Mapper Grid	.GRD

MapInfo Pro Raster multi-resolution raster (.MRR) format is now supported by the following Datamine Discover capabilities:

- Drillholes
- Hydrology
- Datamine export
- Leapfrog Geo export
- DISCOVER 3D>Display>Map Window
- DISCOVER 3D>Display>Vectors
- DISCOVER 3D>Display>Surfaces*
- DISCOVER 3D>Utilities>Drape Image
- DISCOVER 3D>Utilities>Extrusion Wizard **

These tools all also support multi-band MRR rasters, either via:

- pop-up field-band selector within the tool, or
- using the band set under RASTER>[Display]>Band.

Multi-band MRR exceptions:

* DISCOVER 3D>Display>Surfaces uses by default the first band in a multi-band MRR for initial 3D display. To change, in 3D open the Surface Properties dialog, and use the Field Selector in the 3D Surface layer to change the Band.

** DISCOVER 3D>Utilities>Extrusion Wizard can only utilize the first band in a multi-band MRR.

For more information, see the MapInfo Pro Advanced Help.

DRILLHOLE DATA

Format	Extension	Tool	Note
Datamine	.DM	DRILLHOLES>Datamine>Studio Export	
gINT	.GPJ	DRILLHOLES>External Data>Import>gINT Import	
LAS (well logs)	.LAS	DRILLHOLES>External Data>Import>LAS Import	
WinLog	.MDB	DRILLHOLES>External Data>Import>WinLoG Import	