

XMap 8 Feature Comparison Chart

Feature Category	XMap 8 Professional	XMap 8 GIS Editor	XMap 8 GIS Enterprise
GIS Data Importing	XMap 8 Professional	XMap 8 GIS Editor	XMap 8 GIS Enterprise
Import ESRI shape files with projection file support	Yes	Yes	Yes
Extensive coordinate system and projection support	-	Yes	Yes
Append and replace options when importing updated records	Yes	Yes	Yes
Import data in other common GIS and CAD file formats	-	Yes	Yes
Manually register AutoCAD files during import	-	Yes	Yes
Convert DeLorme Draw objects to GIS layers	Yes	Yes	Yes
Import data in DeLorme Open space format	Yes	Yes	Yes
Drag-and-drop importing	Yes	Yes	Yes
Bulk importer-exporter utility	-	Yes	Yes
Geo-coding tool for creating GIS point layers	Yes	Yes	Yes
Lat/Long, UTM, and SPCS support for geo-code layers	Yes	Yes	Yes
One-to-one and many-to-one attribute importing and linking	-	Yes	Yes
Unlinked attribute reporting	-	Yes	Yes
GIS Enterprise Database Management	XMap 8 Professional	XMap 8 GIS Editor	XMap 8 GIS Enterprise
Create and delete databases	Yes	Yes	Yes
Create Enterprise databases	-	-	Yes
Add database users and assign permissions	-	-	Yes
Includes Enterprise Manager applications	-	-	Yes
GIS Editing	XMap 8 Professional	XMap 8 GIS Editor	XMap 8 GIS Enterprise
Create and edit points, lines, and polygons	-	Yes	Yes
Multi-select attribute editing	-	Yes	Yes
Create new attribute fields	-	Yes	Yes
Attribute data-type editing	-	Yes	Yes
Assign attribute constraints to new or existing fields	-	Yes	Yes
Embed files into attribute records (document linking)	Yes*1	Yes	Yes
Open, edit and save changes to embedded files	Yes	Yes	Yes
Optional geometry snapping	-	Yes	Yes
Edge-matching tool for accurately aligning	-	Yes	Yes

adjacent polygons			
Copy and paste between layers	-	Yes	Yes
Coordinate geometry input for object creating and editing	-	Yes	Yes
Multiple shape-point deleting for lines or polygons	-	Yes	Yes
Data layering sequence editing	-	Yes	Yes
GIS Analysis	XMap 8 Professional	XMap 8 GIS Editor	XMap 8 GIS Enterprise
Attribute querying	No*2	Yes	Yes
Spatial querying	No*2	Yes	Yes
Create a new layer from query results or selection	-	Yes	Yes
Positive and negative buffering	-	Yes	Yes
Layer classification for creating thematic maps	-	Yes	Yes
Save multiple classifications for each layer	-	Yes	Yes
Create and share classification templates	-	Yes	Yes
GIS object symbolization	Yes	Yes	Yes
Advanced fill symbology for polygons	Yes	Yes	Yes
Visualize data superimposed on a 3-D terrain model	Yes	Yes	Yes
Create new attribute fields based on a formula	-	Yes	Yes
Create multi-line object labels	Yes	Yes	Yes
GPS Radar Search for locating nearby GIS objects	Yes	Yes	Yes
XMap Forms	XMap 8 Professional	XMap 8 GIS Editor	XMap 8 GIS Enterprise
Generate databases within which forms are created	-	Yes*3	Yes
Create forms for XMap or the Earthmate PN-60	-	Yes	Yes
Open forms for attribute viewing	Yes*3	Yes	Yes
Edit, create, or delete new records using a form	Yes*3	Yes	Yes
Use drop-down lists, radio buttons or text entry to add or edit data	Yes*3	Yes	Yes
Use forms to upload, open and edit embedded documents	Yes*3	Yes	Yes
Transfer forms to the PN-60	Yes*3	Yes	Yes
Directly merge updates into the host layer	Yes*3	Yes	Yes
GIS Data Exporting and Sharing	XMap 8 Professional	XMap 8 GIS Editor	XMap 8 GIS Enterprise
Export data layers in .shp and .openspace format	-	Yes	Yes
Export point layers with coordinates in .txt format	-	Yes	Yes
Export data layers in .kml format for display in Google Maps [®]	-	Yes	Yes
Filter exported data by query results or manual	-	Yes	Yes

selection			
Create duplicate layers	-	Yes	Yes
Simultaneous data viewing with permissions controls	Yes	Yes	Yes
Transfer GIS layers from the GIS tab to the Earthmate PN-60 GPS	Yes	Yes	Yes
GIS Enterprise Data Management	XMap 8 Professional	XMap 8 GIS Editor	XMap 8 GIS Enterprise
Two-way data synchronization setup	-	Yes	Yes
Edit synchronized layers	Yes*4	Yes*4	Yes
Automatically submit field edits	Yes*4	Yes*4	Yes
Create redline markups in the field	Yes*5	Yes*5	Yes
Synchronize redline changes	Yes*5	Yes*5	Yes
Synchronize multiple databases	Yes	Yes	Yes
Additional Features	XMap 8 Professional	XMap 8 GIS Editor	XMap 8 GIS Enterprise
Customizable USA Topographic North America base map dataset	Yes	Yes	Yes
World base map dataset (DAE 2012)	Yes*6	Yes	Yes
Image registration tool	Yes*7	Yes	Yes
Access to aerial imagery and other datasets through Netlink	Yes	Yes	Yes
MrSID/GeoTIFF image viewing	Yes	Yes	Yes
Transfer maps, imagery, and GIS layers to the Earthmate PN-60	Yes	Yes	Yes
Customizable toolbar for easy access to key functions	Yes	Yes	Yes
Customizable keyboard shortcuts	Yes	Yes	Yes
Fly-through 3-D terrain modeling and profiling	Yes	Yes	Yes
Dual map screen interface	Yes	Yes	Yes
Advanced location-to-location route planning	Yes	Yes	Yes
Route avoid tool for automatic rerouting	Yes	Yes	Yes
In-vehicle voice-controlled GPS navigation	Yes	Yes	Yes
Support for .gpx files	Yes	Yes	Yes
Map annotation and drawing tools	Yes	Yes	Yes
Advanced waypoint and track management	Yes	Yes	Yes
Routable road creating tool to update maps	Yes	Yes	Yes
Advanced map printing and large-format plotting	Yes	Yes	Yes
Address Book for contact management	Yes	Yes	Yes
Embedded Points of Interest data including restaurants and hotels	Yes	Yes	Yes
Full-featured search capabilities for map datasets	Yes	Yes	Yes
Measure tool for quickly determining length and	Yes	Yes	Yes

area			
Customer Service and Support	XMap 8 Professional	XMap 8 GIS Editor	XMap 8 GIS Enterprise
Unconditional 30-day money-back guarantee	Yes	Yes	Yes
Free email and phone support	Yes	Yes	Yes
Training available	Yes	Yes	Yes

1. Requires a document-formatted attribute field which cannot be created in XMap Professional. However if a layer with an existing document field is transferred by an Editor or Enterprise user, documents can be uploaded, opened and edited in XMap Professional.
2. Queries cannot be created using XMap Professional however if an Openspace layer is synchronized or manually transferred from the Editor or Enterprise versions, the query can be run in XMap Professional. The XMap Professional user can type the search criteria for the query if the query is designated as %User Input+.
3. Form Rules:
Users can access forms if - and only - if one of the following conditions is true:
 - The database is local (including a sync database)
 - The database is Enterprise

Use of the forms is limited to the applications capabilities, which means the following:

 - Pro users can only open forms
 - All other users can open and create forms
4. Editing of synchronized layers is only available when using XMap Forms.
5. Redlining tools are automatically enabled for all synchronized layers.
6. Seamless worldwide topographic dataset is available for an additional cost (Digital Atlas of the Earth2012).
7. XMap Professional includes a 2-point image registration tool.
8. XMap GIS Editor and Enterprise include multi-point image registration with rubber-sheeting, clipping, and transparency tools.

XMap Minimum System Requirements

Microsoft Windows 7 Business, Enterprise, or Ultimate: 2 GB RAM (4+ recommended)

1.5 GHz or higher processor (1.5+ GHz Dual Core recommended)

1 GB of available hard-disk space (2 GB+ recommended).

3D-capable video card with 64 MB VRAM (128+ MB recommended)

Microsoft Internet Explorer 8 or later

DVD-ROM drive

1024 x 768 screen resolution or higher