

## XMap Comparison Table

Feature Category	XMap 7 Professional	XMap 7 GIS Editor	XMap 7 GIS Enterprise
<b>GIS Data Importing</b>			
Import ESRI shapefiles with projection file support	Yes	Yes	Yes
ESRI ArcSDE database import	No	No	Yes
Extensive coordinate system & projection support	No	Yes	Yes
Append and replace options when importing updated records	Yes	Yes	Yes
Import data in other common GIS and CAD file formats	No	Yes	Yes
Manually register AutoCAD files during import	No	Yes	Yes
Convert DeLorme Draw objects to GIS layers	Yes*	Yes	Yes
Import data in DeLorme Openspace format	Yes	Yes	Yes
Drag-and-drop importing	Yes	Yes	Yes
Bulk importer-exporter utility	No	No	Yes
Geocoding tool for creating GIS point layers	Yes	Yes	Yes
Lat/Long, UTM, & SPCS support for geocode layers *	Yes	Yes	Yes
One-to-one and many-to-one attribute importing and linking *	No	Yes	Yes
Unlinked attribute reporting *	No	Yes	Yes
<b>GIS Database Management</b>			
Create and delete databases	Yes	Yes	Yes
Create Enterprise databases	No	No	Yes
Database backup & restore	Yes	Yes	Yes
Add database users and assign permissions	Yes	Yes	Yes
Includes Database Manager application	Yes	Yes	Yes
<b>GIS Editing</b>			
Create & edit points, lines, and polygons	No	Yes	Yes
Multi-select attribute editing	No	Yes	Yes
Create new attribute fields	No	Yes	Yes
Attribute data-type editing *	No	Yes	Yes
Assign attribute constraints to a new or existing fields *	No	Yes	Yes
Embed files into attribute records (document linking)	Yes <sup>1</sup>	Yes	Yes
Open, edit and save changes to embedded files *	Yes	Yes	Yes
Optional geometry snapping	No	Yes	Yes
Edge-matching tool for accurately aligning adjacent polygons *	No	Yes	Yes
Copy and paste between layers	No	Yes	Yes
Advanced topological editing	No	Yes	Yes
Coordinate geometry input for object creating & editing	No	Yes	Yes
Multiple shape-point deleting for lines or polygons *	No	Yes	Yes
Data layering sequence editing	No	Yes	Yes

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## XMap Comparison Table (continued)

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<b>GIS Analysis</b>			
Attribute querying	No <sup>2</sup>	Yes	Yes
Spatial querying	No <sup>2</sup>	Yes	Yes
Create a new layer from query results or selection	No	Yes	Yes
Positive and negative buffering *	No	Yes	Yes
Layer classification for creating thematic maps	No	Yes	Yes
Save multiple classifications for each layer	No	Yes	Yes
Create and share classification templates	No	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	No	Yes	Yes
Analyze topological connectivity of lines	No	Yes	Yes
Create multi-line object labels	Yes	Yes	Yes
GPS Radar Search for locating nearby GIS objects *	Yes	Yes	Yes
<b>XMap Forms</b>			
Generate databases within which forms are created	No	No	Yes
Create forms for XMap or the Earthmate PN-40	No	Yes	Yes
Open forms for attribute viewing	Yes <sup>3</sup>	Yes	Yes
Requires a forms license to open a form	Yes	No	No
Edit, create, or delete new records using a form	Yes <sup>3</sup>	Yes	Yes
Use drop-down lists, radio buttons or text entry to add or edit data	Yes <sup>3</sup>	Yes	Yes
Use forms to upload, open and edit embedded documents	Yes <sup>3</sup>	Yes	Yes
Transfer forms to the PN-40	Yes <sup>3</sup>	Yes	Yes
Directly merge updates into the host layer	Yes <sup>3</sup>	Yes	Yes
<b>GIS Data Exporting and Sharing</b>			
Export data layers in .shp and .openspace format	No	Yes	Yes
Export point layers with coordinates in .txt format	No	Yes	Yes
Export data layers in .kml format for display in Google Maps™	No	Yes	Yes
Filter exported data by query results or manual selection	No	Yes	Yes
Create duplicate layers	No	Yes	Yes
Web publishing to an XMap Web site	No	Yes	Yes
Data layer downloading from an XMap Web site	Yes	Yes	Yes
Simultaneous data viewing with permissions controls	Yes	Yes	Yes
Transfer GIS layers from the GIS tab to the Earthmate PN-40 GPS *	Yes	Yes	Yes

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## XMap Comparison Table (continued)

Feature Category	XMap 7 Professional	XMap 7 GIS Editor	XMap 7 GIS Enterprise
<b>GIS Enterprise Data Management</b>			
Layer check-out/check-in tools	No	Yes <sup>4</sup>	Yes
Two-way data synchronization setup *	No	No	Yes
Edit synchronized layers *	Yes <sup>5</sup>	Yes <sup>5</sup>	Yes
Automatically submit field edits *	Yes <sup>5</sup>	Yes <sup>5</sup>	Yes
Create redline markups in the field	Yes <sup>6</sup>	Yes <sup>6</sup>	Yes
Synchronize redline changes	Yes <sup>6</sup>	Yes <sup>6</sup>	Yes
<b>Additional Features</b>			
Customizable USA Topographic base map dataset	Yes	Yes	Yes
World base map dataset *	Yes <sup>7</sup>	Yes <sup>7</sup>	Yes <sup>7</sup>
Image registration tool	Yes <sup>8</sup>	Yes <sup>9</sup>	Yes <sup>9</sup>
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-40	Yes	Yes	Yes
Post maps on the Web with MapShare	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
GeoTagger for attaching photos to the correct point on the map	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 and .loc (geocaching) 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
Searchable database of 160 million phone records	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 area	Yes	Yes	Yes
<b>Customer Service and Support</b>			
Available for a 30-day free trial	No	No	Yes
Unconditional 30-day money-back guarantee	Yes	Yes	Yes
Free email and phone support	Yes	Yes	Yes
Training available	Yes	Yes	Yes

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## XMap Comparison Table Notes

\* New In XMap 7

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. If the query is designated as "User Input", the XMap Professional user can type the search criteria for the query.
3. XMap Professional users can only access XMap Forms using Enterprise database synchronization. Forms cannot be manually transferred through the OpenSpace export/import process. To enable synchronization of GIS layers with XMap Forms, a Forms license must be purchased for all XMap Professional users.
4. Layer check-out/-in functionality is available to XMap GIS Editor users although it requires a database created using XMap GIS Enterprise.
5. Editing of synchronized layers is only available when using XMap Forms.
6. Redlining tools are automatically enabled for all synchronized layers.
7. Seamless worldwide topographic dataset is available for an additional cost.
8. XMap Professional includes a 2-point image registration tool
9. XMap GIS Editor and Enterprise include multi-point image registration with rubber-sheeting, clipping, and transparency tools.