

XMap 6 –Database Synchronization for the GIS Enterprise

XMap 6 is a three-tiered solution for all of your organization's GIS and mapping needs. XMap offers tools for efficiently creating, importing, editing, classifying, querying, and deploying your GIS data. Integrating advanced GIS database management into DeLorme's core GPS mapping technology, XMap provides both a stand-alone GIS software solution and a mobile extension of your existing GIS infrastructure. All versions of XMap include powerful routing and in-vehicle navigation tools, full GPS support for tracking and field data collection, map viewing software for the PDA, 3-D terrain modeling with simulated fly-over functionality, MrSID and GeoTIFF imagery support, advanced printing tools, and much more.

GIS Database Synchronization

With the release of XMap 6, XMap now provides automatic database synchronization and IT administration tools. The application of GIS technology to manage workflow, physical infrastructure, and business systems is a standard practice in today's business world. A challenge for the enterprise GIS is maximizing the return on investment in GIS through efficient data sharing. XMap 6 has been designed to effectively meet this challenge. Automated database synchronization ensures that your mobile field force is provided with up-to-date GIS data while simultaneously communicating field collected observations or GIS layer updates to the central GIS database. XMap synchronization is initiated using a simple button click in the Professional version of XMap and requires no knowledge of GIS data management or data importing on the part of the field workers. Best of all XMap 6 is designed to minimize the set-up and maintenance burden on your IT department.

All XMap 6 GIS editions include a locally installed version of SQL Server. With XMap 6 GIS Enterprise, XMap's most advanced product version, GIS and IT administrators can set-up and manage the deployment of GIS databases in compliance with typical IT protocols, providing efficient data flow to your mobile work force.

- Establish a centrally administered GIS network with an efficient hierarchy of database roles
- Comply with Microsoft Windows XP or Vista permissions protocols while leveraging the power of your GIS investment. XMap supports Windows Groups
- Tap into existing GIS databases with updated ESRI Arc/SDE support
- Automate the GIS database synchronization processes to facilitate data collection, review, incorporation, and redeployment across your business groups
- Develop a data check-out/check-in processes that allows simultaneous editing of your data by multiple users while ensuring the integrity of your data
- Apply automated classification templates to your GIS layer imports
- Empower your mobile work force while promoting efficient time management and fuel savings with the latest voice-controlled GPS navigation tools

The Benefits of GIS Synchronization

- Automate data flow within your organization
- Leverage the power of the GIS database to track, maintain, and protect your corporate infrastructure and field assets
- Provide regularly updated GIS data to your mobile field force with the GIS tools that ensure an accurate visualization of your business infrastructure
- XMap now provides tools to easily append to and/or replace existing GIS layers

Additional Support

Ask your DeLorme Professional Sales Representative about:

- Product training opportunities
- Installation support
- Customized XMap field-use reference guides based on your business