

GIS Database Services

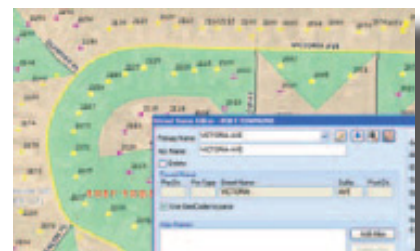
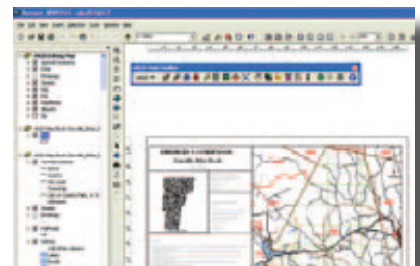
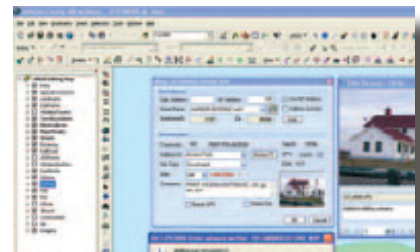


Your Challenges

New roads, developments, cell towers and ESZs—your agency's map is constantly changing. Yet managing the GIS data behind the map requires expertise and resources like a GIS Database Management System and calls for a streamlined map data update process. You may not have a GIS Specialist in-house, so you need a partner with expertise and experience.

Your agency is challenged with:

- Finding the system and team you can trust with your data
- Assessing current data for accuracy
- Maintaining up-to-date maps with site points, including road centerlines, Phase I wireless polygons, ESZ, ESA, ESN, driveways, etc.
- Verifying the map data in the field with a trained GIS technician
- Periodic reports on GIS/ALI database synchronization
- Generating maps, atlas books showing roads and ESZs



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 Next Generation 9-1-1
Resources for the PSAP

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Your Established Partner

TeleCommunication Systems, Inc. (TCS) (NASDAQ: TSYS) is a world leader in high availability and secure mobile communication technology. TCS infrastructure forms the foundation for market leading solutions in E9-1-1, text messaging, commercial location and deployable wireless communications. TCS is at the forefront of new mobile cloud computing services providing wireless applications for navigation, hyper-local search, asset tracking, social applications and telematics. Millions of consumers around the world use TCS wireless apps as a fundamental part of their daily lives. Federal government agencies depend on TCS' cyber security expertise, professional services, and highly secure deployable satellite solutions for mission-critical communications. Headquartered in Annapolis, MD, TCS maintains technical, service and sales offices around the world. To learn more about emerging and innovative wireless technologies, visit www.telecomsys.com.

TeleCommunication Systems, Inc.
275 West Street
Annapolis, MD 21401 USA
Toll Free: 1.888.728.8797
Outside US: +1.410.263.7616
www.telecomsys.com

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Specifications

GIS Service Bureau

Have our team of GIS technicians manage the data for your agency in our x9GIS database management solution. There's even the ability to incorporate our powerful update feature which offers multi-site GIS updates on-the-fly, with no disruption to your 9-1-1 systems. Meet the challenges with these features:

- A GIS Service Bureau team with decades of experience and the tools to maintain your data in industry leading x9GIS™ DBMS
- Free data evaluation to assess and ensure data accuracy
- GIS Service Bureau includes maintenance of road center lines, sites, phase I wireless, ESZ/ESA/ESN, driveways and other auxiliary layers
- Field verification performed by a TCS GIS technician annually
- ALI/GIS synchronization reports delivered annually, quarterly, monthly, weekly or daily—just tell us!
- Generation of atlas books, wall maps with roads and ESZs included

Features

- Lower GIS maintenance costs
- All data goes through extensive quality control prior to release to your agency
- Streamlines GIS updates to map, resulting in a more up-to-date and accurate map
- GIS Service Bureau exceeds National Map Accuracy standards of 1:5000
- Veteran GIS Service Bureau team with decades of industry experience

Options

- Field collection services available
- Pick only the data layers you need from an extensive list, including: road centerlines, wireless cell sites, hydrants, building site points, ESAs and ESNs, etc.
- Quick Start Data Conversion—a comprehensive approach for agencies with no data development that builds a base and converts this to TCS xTrakker™ map format
- Data Conversion—converts client data to TCS xTrakker™ map format
- Spatial MSAG® Development
- GIS database and ALI database synchronization
- Address Assessment—option to have GIS Service Bureau assess and report on accuracy of new addresses