



RMSI's solutions span the entire geospatial value chain from consulting and application development to spatial analysis and modeling to remote sensing and data conversion. For over a decade, we have been delivering targeted business solutions using the latest information technologies and geospatial capabilities. These solutions incorporate details derived from remote sensing, image processing, and spatial modeling, and utilize our vast project experience and highly qualified resource pool.

A key RMSI capability and differentiator is its expertise in process analysis, process design, and process automation. We have created many innovative processes, most of which can be automated and result in improved workflow management for executing projects. Wherever appropriate, we incorporate manual intervention into the process to ensure that the client receives the highest quality deliverables. Through proven process automation techniques, RMSI is able to pass on the multiple benefits of reduced costs, improved quality, and quick delivery time to its clients.

## Areas of domain expertise

- Agriculture and Natural Resources
- Land Information Management
- Property
- Wireless Telecommunications
- Cartography
- Insurance
- Telematics and Location Based Services (LBS)
- Transportation

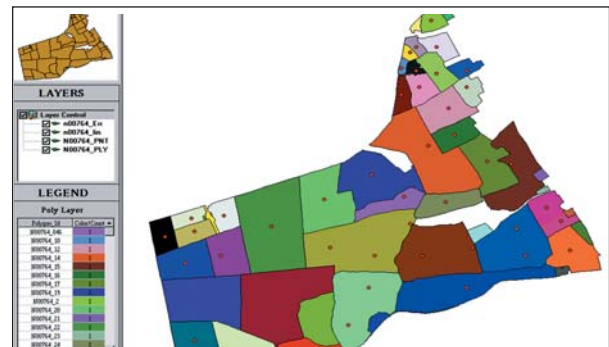
*"RMSI worked closely with Tele Atlas North America to create in depth work instructions, supporting the needs of each program, while employing the Quality Objectives required by TANA. Despite the enormity of these programs, RMSI not only met, but also exceeded TANA's expectations. TANA continues to be impressed by the talented team at RMSI. This highly qualified staff developed our deliverables from cutting edge technology, utilizing the perfect combination of automatic and manual processes."*

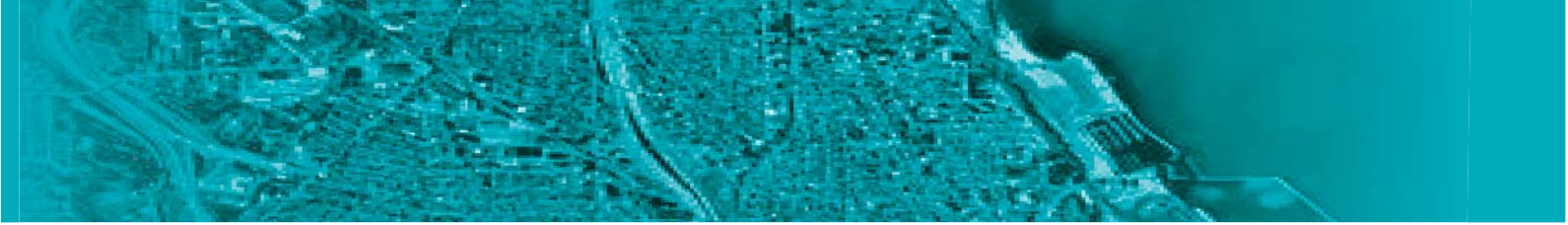
Patrick McDevitt, Vice President Data Base Operations,  
Tele Atlas North America

- Updated more than 6 million miles of street data, covering approximately 75% of the USA's population to improve in-car navigation accuracy
- Developed a cartographically styled geodatabase for the whole of the US to facilitate updates, editing, text placement, and cartographic styling of atlases



Visualizing  
data  
- getting the  
picture





## Consulting

RMSI assists clients in assessing their geographical data needs, data collection procedures, and hardware and software evaluation before implementing a strategy to ensure the effective integration of geospatial solutions. One of our key consulting strengths lies in identifying ways in which workflow can be optimized or automated to provide immediate productivity gains.

## Spatial Modeling and Analysis

We have considerable experience in spatial modeling and analysis and in building databases to model natural catastrophes. Our services include generating geotechnical databases, environmental impact assessment, Digital Terrain Modeling (DTM), and landslide susceptibility mapping using raster modeling.

## Geospatial Software Applications

Our vendor independent approach ensures the use of best-of-breed technology in our services, which include end-to-end, scalable web-based enterprise geospatial applications, customized desktop applications, and Workflow Management Systems (WMS).

## Remote Sensing

We have extensive expertise in satellite image interpretation and processing, and in offering services such as Land Use/Land Cover (LU/LC) mapping, DEM extraction, vector updates, high-resolution urban mapping, and agricultural crop acreage estimation and health monitoring.

## Database Update

We have developed proprietary methods to create, enhance, and maintain geodatabases, which allow us to retain extensive information attached to existing features and vectors, while recreating vector features from the current imagery.

## Image Processing

RMSI has expertise in processing high-resolution imagery into quality raster data products. Our service offerings include georectification, orthorectification, and ensuring that image outputs are of the highest clarity, resolution, and color.

## Geocoding

RMSI offers a bureau service for interactive geocoding, and can handle more than 3 million addresses per month. We have developed proprietary project-specific geocoding engines for geocoding complex input data to a variety of database systems.

## Data Conversion

RMSI can manage complex conversion projects, requiring the creation of data from multiple sources of varying scales, vintages, and quality. These sources include topographic maps, CAD drawings, satellite imagery, aerial photographs, and field survey observations.

## Off-the-Shelf Map Data Products

We have an extensive set of off-the-shelf map data products for countries, regions, and cities worldwide. Through a rigorous data maintenance program, we regularly update these databases with land-use, elevation, and vector images of varying resolutions.

