

## Infosys Geographic Information System (GIS)



Your utility can sense and respond to business requirements with a strategic geographic information system. A reality check: Can you segment your customer universe into high-value users and prospective customers? Do you pre-empt peak load times, predict infrastructure downtime, and mitigate outage risks?

Do you have visibility into transmission to understand usage and promptly respond to service requests? Can you identify network vulnerabilities, monitor the performance of smart meters, and address revenue loss in maintenance?





The Infosys Utilities practice offers utility enterprises GIS solutions that enhance operational efficiency, improve service, and comply with regulations. Our GIS solutions and services provide consulting, platform implementation and customization, systems integration, and GIS application development / support.

### Our GIS offerings

Infosys offers comprehensive services spanning the GIS value chain: GIS strategy development and GIS assessment services; enterprise spatial database design; custom

application development; enterprise system integration of GIS with systems such as SAP, customer relationship management, work and asset management system, and

supervisory control and data acquisition; GIS application maintenance and managed services; GIS data migration; GIS upgrade services; and GIS training.

Application platform	
 Desktop	<ul style="list-style-type: none"> <li>Esri suite of products</li> <li>Schneider Electric ArcFM</li> <li>GE Smallworld</li> </ul>
 Web	<ul style="list-style-type: none"> <li>ArcGIS server (JS and legacy SL)</li> <li>Smallworld Web</li> <li>Geocortex</li> </ul>
 Mobile and field device	<ul style="list-style-type: none"> <li>Windows</li> <li>iOS</li> </ul>
 Spatial data	<ul style="list-style-type: none"> <li>ArcSDE in Oracle and SQL server</li> <li>Oracle spatial</li> <li>Smallworld VMDS</li> </ul>

- Application maintenance (desktop and Web), infrastructure upgrade
- Application development, enhancement (desktop and Web), and transformation
- Integration with SAP, real-time system, and Microsoft SharePoint
- Improve GIS workflow – Data model, data editing, automation using domain consultants
- Build products which have visualization tools – PIM, LBS, DBYD
- Spatial data design, data migration, and spatial data editing
- Help clients for project management for any complex programs, handle vendors using Waterfall or Agile methodology





## Our practice credentials

Infosys has a team of GIS specialists with rich experience in GIS platforms including, but not limited to Esri ArcGIS platform, Schneider Electric ArcFM, GE Smallworld, and Autodesk Topobase. Our team has extensive experience in integrating GIS systems

with enterprise and operational systems such as workforce management system, enterprise asset management system, order management system, outage management system, document management system, and customer information system.

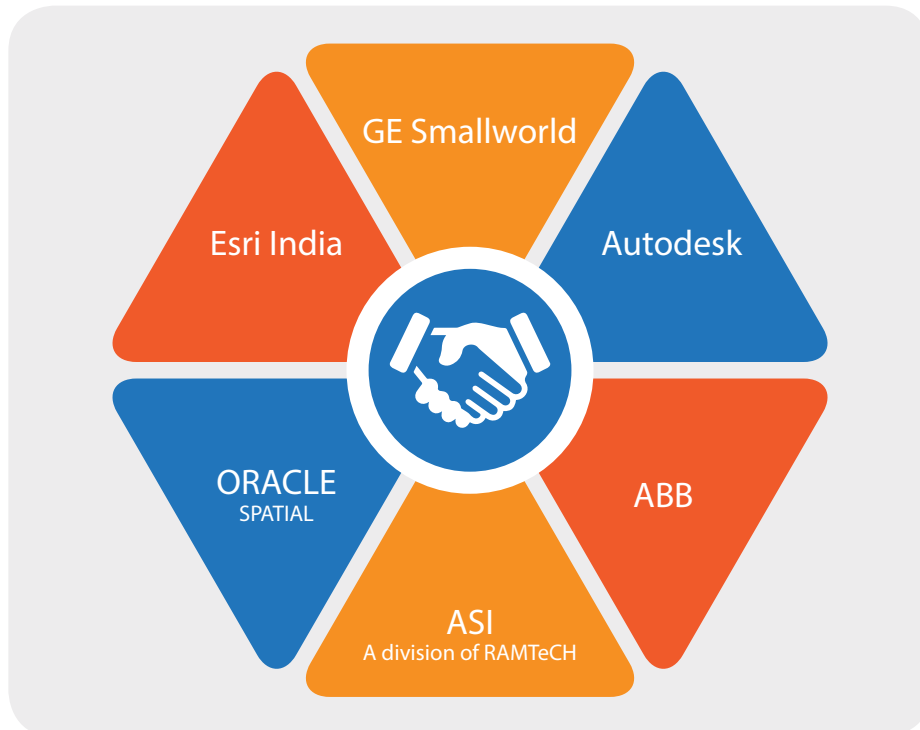
## Success stories

Infosys has implemented mission-critical GIS projects for leading utility enterprises:

- **GIS upgrade for a water utility in the UK:** Infosys implemented desktop, Web, and mobile applications in a virtual environment
- **GIS integration with BPM for a California utility:** Infosys consolidated data sources by implementing data warehousing and vector caching for consistent and prompt maps delivery
- **GIS service card application for a gas utility in the US:** Infosys integrated service card information stored in a non-spatial database with GIS in a secure Web application
- **GIS strategy and road map for an electric utility in the US:** Infosys developed a GIS solution for transmission and distribution operations
- **GIS outage communication system for an electric utility in the US:** Infosys developed a Web interface for viewing outages and monitoring restoration progress in regions that are vulnerable to hurricanes

## Our Partners

Our GIS partner ecosystem enables us to deliver end-to-end GIS services.



For more information, contact [askus@infosys.com](mailto:askus@infosys.com)

**Infosys**  
*be more*

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