

# Geographic Information Systems: Solutions for the Connected World



Oil & Gas, Utilities, Telecom,  
Infrastructure, Transportation,  
Mining, Logistics, Government,  
Insurance, Healthcare

**Industry**



Asset Management, Mobility, Resource  
Management, Navigation, Network  
Optimization, Town Planning, Field  
Service Planning, Security,  
Disaster Management

**Solutions**



ESRI Application Suite,  
Schneider ArcFM,  
Autodesk, Bentley, MapInfo, QGIS,  
GE Smallworld, Intergraph,  
Oracle Spatial

**Technology**

Data is the new oil in today's digital world. As usage of data penetrates deeper into applications for IoT and smart, connected systems, Geographic Information Systems (GIS) emerge to play a major role through data driven spatial representation. Insights from GIS helps organizations and individuals with decision making, increasing productivity, and ensuring resource and cost optimization. Capgemini has been delivering powerful bespoke geospatial solutions to our customers for more than 20 years. We bring business value for our customers across industry sectors by transforming, interpreting and managing geospatial data for conventional applications and new age users.

Augmenting IoT data with interactive GIS mapping, and real-time interactions with heterogeneous data sources to gain a better understanding becomes simpler with a well designed GIS portfolio.

We help you transform GIS into a transversal, multi-functional tool fully integrated into the information system for your business. We have experience in most of the industry leading GIS platforms, to address requirements of GIS data development, architecting and developing GIS solutions, delivering enterprise wide implementations. Our managed services help end users to maximize the benefits of GIS and leverage our industry specific domain knowledge.

## Services for GIS Applications

### Geospatial Consulting

- GIS Portfolio Management
- Enterprise GIS

### Data Development

- Creation /Conversion / Conflation / Migration
- Attribution
- Map design and production
- Database designing and building
- Managed Services

### Software Development

- Development
- Enhancement
- Migration / Porting
- Maintenance & User Support

### Value for the Customer

- Quick requirement gathering, problem definition using right technologies
- One stop shop for cross technology solutions
- High offshore leverage on data development & managed services projects, ensuring cost optimization
- Generic architecture model for GIS in conjunction with document management, workflow, ERP
- Industry sector expertise through dedicated Practices and CoEs



## Success Stories



### Over 13 years of engagement with North American utility company

- Managing GIS application portfolio & data conflation in Smallworld
- Implemented GIS based mobile application improving response time



### Provided GIS implementation consultancy for mobile and land line services to a major Telecom startup in Middle East



### Navigation data development for a large US and Netherlands based Data Provider

- Over 2 million miles of rural road network covering 50% of USA
- Over 1.7 million kilometers of road network covering 5 countries in western Europe



### IoT and GIS applications for network optimization and visual predictive analytics for a leading metro rail in France



### About Capgemini

With more than 180,000 people in over 40 countries, Capgemini is one of the world's foremost providers of consulting, technology and outsourcing services. The Group reported 2015 global revenues of EUR 11.9 billion.

Together with its clients, Capgemini creates and delivers business, technology and digital solutions that fit their needs, enabling them to achieve innovation and competitiveness. A deeply multicultural organization, Capgemini has developed its own way of working, the Collaborative Business Experience<sup>TM</sup>, and draws on Rightshore<sup>®</sup>, its worldwide delivery model.

Learn more about us at [www.capgemini.com](http://www.capgemini.com)

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