## **GEOGRAPHIC INFORMATION SYSTEMS (GIS) / EMERGENCY MANAGEMENT**

What is Geographic Information System? GIS is an integrated collection of computer software and data used to view and manage information about geographic places, analyze spatial relationships, and model spatial processes. GIS provides a framework for gathering and organizing spatial data and related information so that it can be displayed and analyzed.

Since the events of September 11, 2001, the value of integrated GIS technology in supporting Emergency Management services and public safety organizations has become more apparent than ever. GIS can play an important role in numerous areas in Emergency Planning and Risk Assessment, Impact Analysis and Emergency Management Plan Development, etc.

What is Emergency Management? Emergency Management is the discipline of dealing with and avoiding risks. In general, any Emergency Management is the continuous process by which all individuals, groups, and communities manage hazards in an effort to avoid or ameliorate the impact of disasters resulting from the hazards.

Geographic Information Systems (GIS) have become an integral part of modern-day business, enabling private and public enterprise to more efficiently analyze their geographic information and obtain enhanced results. MTT Associates provides objective analysis and consulting on Geographic Information Systems, allowing you to leverage our experiences in the following areas:

- Enterprise GIS Implementation
- Data, Mapping and Analysis Services
- Situational Awareness and Decision Support
- GIS Web Application Development and Maintenance
- Creating maps for internal and external visualization of data
- > Developing spatial analysis methodologies for analyzing large geographic datasets used in scientific research
- > GIS resources by making geospatial data and technologies available to government agencies, healthcare, financial, utilities, and telecommunications, etc.



MTT Associates Geographic Information System and Emergency Management services are designed to cost-effectively enhance the customer experience and improve operational efficiency and productivity.

#### Reduce Spending, Improve Performance

- Examine your architecture's ability to support future business growth
- > Identify potential barriers to achieving your goals
- >Provide the financial justification for IT investment

GIS is the technology that brings information together. By linking spatial data with other information, GIS has the power to help you solve problems you encounter every day.

GIS can be used to track customer sales, analyze crime patterns, route delivery trucks, display soil types, find the best location for an expanding business, and much more.

Today's decision-makers need geospatial information based on timely and readily available data and maps to make effective decisions for decisive action. Digital maps, provide speedy access, analysis and management of spatially referenced information. Therefore, geospatial and geographic information systems (GIS) are no longer tools only for technology specialists, but are critical for decision-making at all levels.

MTT Associates provides specialized services and solutions for implementing geospatial / GIS systems. These include technical consulting, GIS database design and development, map creation / updating and finishing, data migration / conversion and format translation, software development and customization and systems integration.

We also provide complete Geographic Information Systems (GIS) and Emergency Management solutions that include processes, hardware and software with GIS systems development services, for our clients.









#### Improve IT Value and Efficiency

MTT Associates' Geographic Information Systems and Emergency Management consulting services can help your organization achieve:

Better Alignment Of IT And Business	Improved Business Responsiveness	Enhanced IT Credibility	Rich Understanding Of Your IT Architecture	Reduce IT Expenditures
By integrating IT strategy with business strategy, this will increase the value that IT offers to the enterprise through greater innovation risk management and operational integration.	With agile IT Architecture, applications can respond faster and more effectively to changes in business process coming within the organization or from the marketplace.	Raise the credibility throughout the organization by consistently delivering on time and on budget, meeting service level agreements, and contributing to financial performance.	We give you an effective tool for making the right decision about your architecture and for communicating to stakeholders and management the precise state of your IT environment.	Effective reuse of IT assets helps realize sustainable cost reductions from your IT functions and makes resources available to deploy toward growth initiatives.

# **Service Offerings**

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Performs a Current State assessment at a level of detail that quickly identifies major issues, hurdles, and/or opportunities.

# IT Architecture Strategic Planning & Roadmap

Develop a Future State IT Strategy and Roadmap which will be aligned with overall business strategy, vision, objectives and the role IT plays within the organization as well as integrated with an overall Enterprise strategy.

## **IT Program Planning**

Develop plan with business case that profiles key initiatives with proper emphasis given to current pain points, hurdles and/or opportunities for improvement.

### IT Executive-Alignment Strategy Planning

Develop a strategy and plan that builds consensus, buy-in and ownership across executive constituents.

# **About Us**

## MTT Associates: A Leading Business Advisor and Systems Integrator

Our vision is to be world's most influential and respected business advisor and systems integrator. Achieving it will require the highest levels of passion, performance and professionalism. The higher we set our sights and standards, the better we serve the people we care most about.

For more information on our services, please contact MTT Associates at (888) 766-2318. Visit our web site: www.mtt-associates.com

#### **Meeting the Needs of Our Clients**

In the era of empowerment our first obligation is to our clients. We care how they perform over the long term. Their success is our success. We treat each client's business as or own. That's why MTT Associates has retained every one of our clients since we began collaborating with them. It's our unique ability to empower our clients with accessing the right information. We understand that the right information brings knowledge. Knowledge is power. And sharing it is empowerment.