



# Building Innovative Technology Solutions



**GREENHORNE & O'MARA**  
CONSULTING ENGINEERS

*Inspired Solutions, Improving Lives*

# Personalized and Customized Solutions for Government and Private Sector

The progress and evolution of public and private sector organizations is dependent on continued innovation in information technology. **Greenhorne & O'Mara (G&O)** is committed to helping you plan, design, construct, and manage facilities and infrastructure assets. G&O's information technology services build technology systems that support your multi-objective needs.

G&O's information architects are innovators who are able to see a comprehensive view of your whole enterprise. We identify business drivers, understand your business goals, and create virtual blueprints of your ideal enterprise.

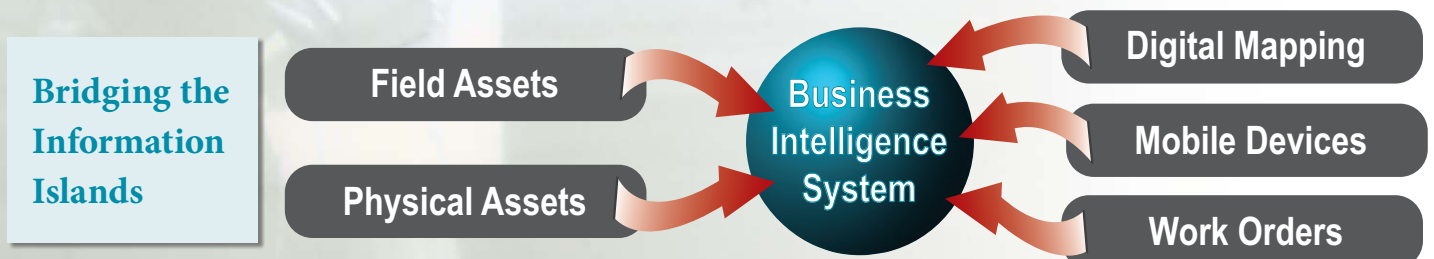
Our experience shows that clients face common information-related challenges, including the ever-growing volume of data that is hard to access and not in a useful form. We are experts at gathering data and identifying and organizing sources:

- **Planning and design:** assess requirements, specify systems, design databases
- **System administration:** install/configure, cloud hosting
- **Database:** data collection, design
- **Software:** develop desktop, Web, and mobile applications
- **Operations:** supply GIS-skilled staff, provide training

## Digital Asset Management: Manage your assets better, faster, economically

Web-based solutions that help you organize distributed assets are rapidly becoming the standard business model for government and private industry. Whether your organization's resources are fixed, mobile, linear, or facility assets, G&O customizes strategic

systems that coordinate asset usage throughout the asset lifecycle. These integrated management systems enable you to economically predict maintenance and replacements, improve productivity, and make solid business decisions based on real-time data and analytics.

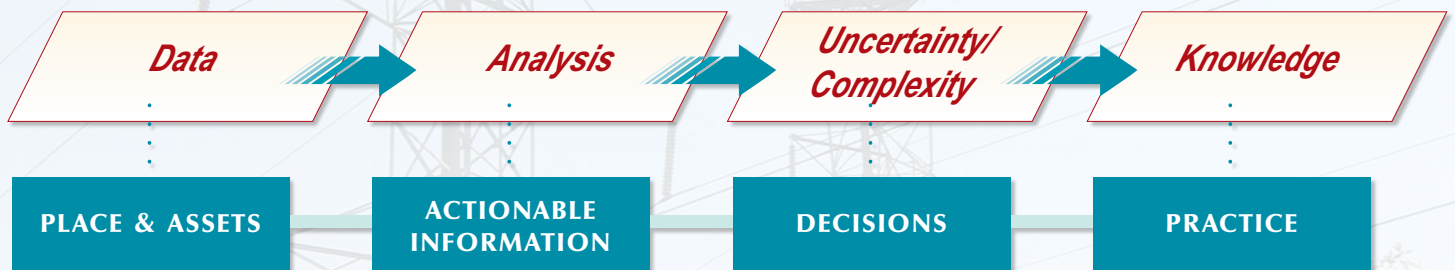


## The G&O Difference: What sets us apart?

The G&O Team works under a business-driven development model that empowers you through our collaborative work style. We believe that you should take an active role in your projects. We deliver useful information in a predictable, dependable time frame as the project progresses. This enables you to take

advantage of the usefulness of the project before the project is completed, and provides the agility to adjust project outcomes before the final project is completed and delivered. The agile method leads to project delivery certainty — on-time and on-budget...every time.

**G&O moves you...** 



## GIS/Geospatial: Linking assets to meaningful business data

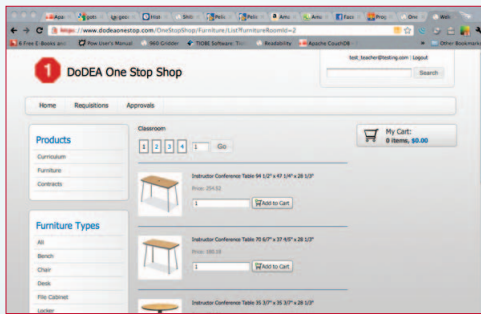
G&O's GIS and IT professionals combine modern tools with advanced methods to produce sophisticated application development technology necessary to meet your individual business challenges. G&O successfully presents mapping, analytical products, and the real-time exchange of data in the form of customized information systems. These systems provide a broad range of benefits, such as facilitating decision-making, managing assets, or providing critical information for emergency operations systems. With extensive experience integrating GIS technology with enterprise systems, G&O experts build systems using

open source solutions (such as OpenLayers, GeoServer, and PostgreSQL/PostGIS) as well as commercial systems (including Esri®, Google™, and Oracle® Spatial™).

- **Commercial and open source GIS**
- **Enterprise 2.0 (E2.0) collaboration, search, and dissemination capabilities**
- **Augmented Reality modeling**
- **GeoWiki systems**
- **Mobile/handheld systems**



# Successful projects through innovative information technology solutions

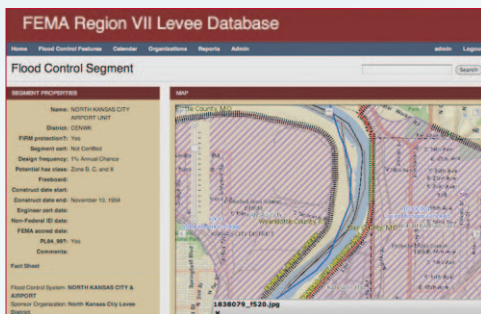
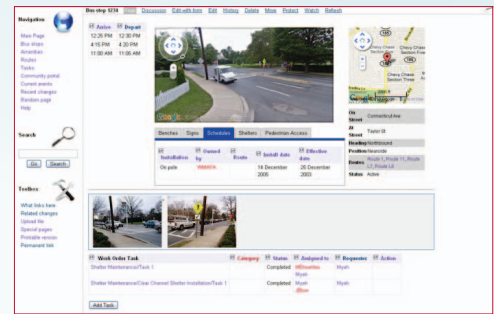


## One Stop Shop (OSS) System

Department of Defense Education Activity (DoDEA)

## GeoWiki System to Manage Transit Assets and Locations

Montgomery County, MD  
Department of Transportation



## FEMA Levee Database

Department of Homeland Security

## We serve clients in a variety of industries, including:

- Defense Agencies
- State Governments
- Higher Education and Schools
- Department of Homeland Security
- County and Municipal Governments
- Utility Companies



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