Corporate Profile

• Privately held, since 1998
• President: Dimitris Agouridis
• Operate Internationally
• Canadian Offices: Vancouver, Toronto, Barrie, Calgary, Edmonton
• US HQ in Alpharetta, GA
• International: Romania, Greece
• Business Operations Revenue $30-50M always profitable, No Debt
• Target – Telecom, Utilities, Municipalities, Pipelines
• ISO 9000 Ready & Member of – NUCLA, SSEB
• Expertise in R&D; hardware & software development
• Employees 400+

Services:

• Damage Prevention Services
• Subsurface Utility Engineering and Asset Management
• Pipeline Risk Management Services
• Directional Drilling & Utilities Installation
• FTTX, Fiber Optics & Telecommunications
• Integrated Municipal Services
• CCTV Inspections & Sewer Lateral Cross-bore Inspections
• Permitting Services
• One Call Clearing Services
• Training Professionals
Our Technology Mandate:

- Simultaneous Infrastructure Mapping at any service level
- Provide Multi Layered Geospatial Data Collection Technologies
- Automated Field Data Integration into Geospatial GIS systems and GIS based Permitting systems
- Expedite the dramatically the Permitting process from Municipalities
- Improve Public Safety and reduce infrastructure damages and repairs
- Generate New type of Employment Positions
- Provide Municipalities with additional low cost Infrastructure Data
- Reduce dramatically the cost of Infrastructure maintenance
- Provide the Synergy frame for National Infrastructure Data Collection with major IT Infrastructure corporations
- Provide a new frame for Emergency Response Systems and restoration process during natural disasters

SSEB Objective:

- Instigate additional Infrastructure Legislation
- Expand the existing “Call Before You Dig” to include infrastructure Mapping simultaneously to all Infrastructure services (locating, construction etc)
Pre-Engineering Process - Permit Ready

Utility Locating → GPS Mapping (GlobeSurv) → Field Data QC and integration (Field ESDN) → Data Post Processing (Kamel) → Topo processing 3D profiling, Cross Sections → CAD Integration

Upload to online ESDN-GIS (Data is sharable across organizations and Municipalities)
Pre-Engineering: Example of new Process and Results
Pre-Engineering CAD Results - Submit for Permit

Pre-Engineering 3D CAD Results

[Diagram showing 3D CAD results with labels for Power, Surface Features, Water, and Gas]
Permitting Process

- City By Laws
- Utility standards
- Property Lines
- Engineering Input

Preliminary Drawing upload on web GIS interactive base map

City Engineering Review & recommendations

Updated Drawing based on recommendations

Issue Permit

Utility Locating Mapping Surveying Electronic Drawing GIS Integration

Automatic Integration of various parameters

Visual representations of proposed plan

Electronic comments with suggestions between City Engineers and contractor

Finalizing the drawing based on City’s recommendations and updated Data on GIS

Validation of proposed plan & conversion of Geospatial Data

Permit Samples
Web-GIS Permitting System Interactive Map

Network Layers & Assets

Permit Drawings

Available Layers

- Transformer (Point)
  - Icon
  - 7 items
- Pedestal (Point)
  - Icon
  - 16 items
- Hydrant (Point)
  - Icon
  - 3 items
- Catch Basin (Point)
  - Icon
  - 3 items
- Grade Level Box (Point)
  - Icon
  - 34 items

Legend

- Fibre Cable
- Pedestal
- Transformer

Back to Permit
“24/7” Emergency Response System

Safety & Training on GIS
- Emergency Response;
- Damage Prevention;
- Restoration Processes;
- Asset Management;
- Monitor large number of input triggers/events (temperatures, pressure, humidity, water level, gates, valves, sensors etc.);
- Track mobile assets (trucks, vans, equipment);
- Track daily activity;

Emergency response & relief effort for natural disasters
- Strategic emergency evacuation planning;
- Real-time emergency crew (RESOURCE) management;
- Layering and conveying in real time all of the relevant information;
- Emergency asset tracking and deployment.
Damage Rate Comparison

Damage Rate
Damages per 1,000 Locate Requests

USA Damage Rate
Canada Damage Rate
CLI Damage Rate

CLI Data from internal tracking. All damages and near misses reviewed with utility clients monthly.
Damage Prevention Technician Review with in 24 hours from reporting date.

United States data from DIRT Reports
CGA Improved data collection from One Call Centres and more incidents reported by utilities

Canada data from DIRT Reports