EMERGENCY MANAGEMENT & HOMELAND SECURITY DIVISION

Remote Sensing Data

Satellite

Aircraft

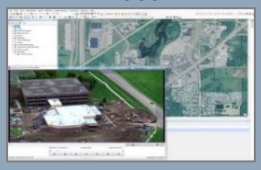
UAS

Submersible

Handheld

Live Data Streams

Video

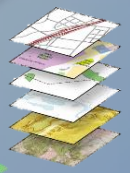


Web Based Feeds

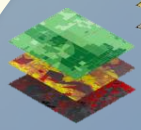
Mobile & GPS

Stored Spatial Data

Map Layers



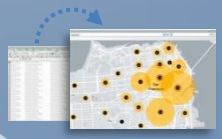
Roads
Land Use
Boundaries
Hydrography
Elevation
Image Base



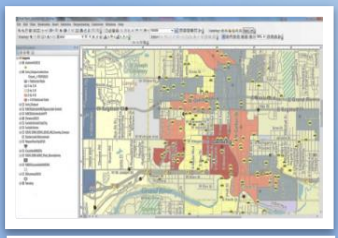
Demographics

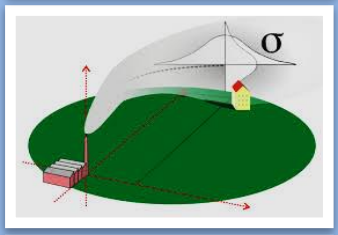
Agency Databases

Tables With Locations

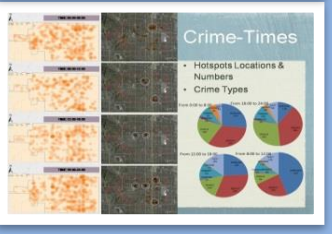


MAPPING SOLUTIONS SUPPORT



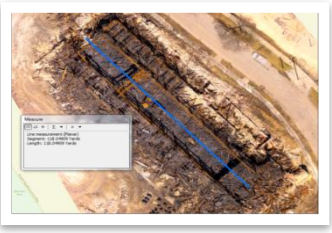


- *Evidence-Based Decision Making.*
- *Collecting and Tracking Location Data.*
- *Finding Patterns in Locations.*
- *Determining Location Significance.*
- *Adding New Attributes to Your Data.*
- *Comparing Otherwise Unlinked Data.*
- *Solving Routing and Traffic Control Problems.*
- *Optimizing Service Areas and Site Selection.*
- *Locating Suspects and Survivors.*
- *Evidence Gathering / Surveillance / Recon.*
- *Scene Reconstruction and 3D Modeling.*
- *Imagery Interpretation and Analysis.*
- *Maintaining a Common Operating Picture.*
- *Building Easily Understood Plans.*
- *Damage Assessment / Disaster Recovery.*
- *Evaluating How Terrain Effects Operations.*

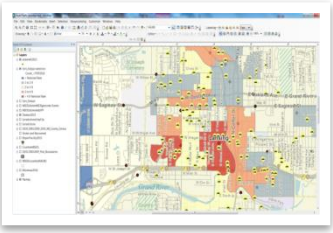


PUBLIC SAFETY & LAW ENFORCEMENT

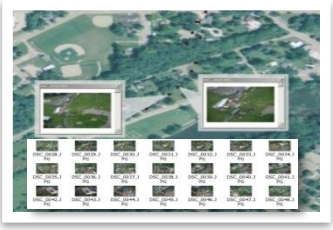
What We Do



MSP Aviation 3D Fire Scene Reconstruction with Measurement.



MICR Data Used in Pattern Analysis for DDACTS Hotspots.



Geotagged Photo Locations

Support the Department's Evidence-Based Policing Initiatives:
- Provide custom reports of spatial trends in support of strategic initiatives.
- Work with decision makers to advise on spatial patterns.

Support the Officer in the Field:
- Support investigations and link crimes based on spatial patterns.
- Assist scene reconstruction by providing precise measurements.

Maintain a Comprehensive Database of Map Data:
- Hundreds of data layers that can be used alongside your data.
- Includes general map data and sensitive law enforcement data.

Maintain Several Geographic Information System (GIS) Servers:
- Both secure and public-facing servers used to power applications.
- Able to quickly deploy custom web-based mapping applications.

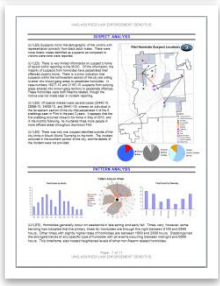
Provide Subject Matter Experts in Spatial Technologies:
- Staff are highly trained and use state-of-the-art software and hardware.
- Advise in the procurement and usage of spatial technologies.

Process and Interpret Imagery, Videos, and other Remotely Sensed Data:
- Work with specialty teams to optimize data processing capabilities.
- Use specialty team data to build 3D models and overhead imagery.

What We Deliver

Printed Maps:
- Ideal for collaborating and sketching out plans.
- Hand write your notes on the map and we make the updates.
- We print a wide array of sizes from handheld to wall size.
- Can be ruggedized or laminated to take your plan with you to the field.
- Can print supplemental laminate overlays to swap data out as needed.

Secure and Publicly Available Web-Based Maps:
- Ideal for monitoring real-time content, trends, and exploring your data.
- Pull from hundreds of layers in our databases to make comparisons.
- Access spatial analysis tools on demand.
- Swap base maps or view imagery with your data.
- View your data in both 2D and 3D.



Inset Maps, Tables, Charts, Graphs, and Written Analysis for Reports:
- Ideal way to incorporate insights from professional spatial analysts.
- Add evidence-based and data-driven analysis to your plans and assessments.
- Enrich your data by adding new attributes from other nearby map layers.
- Leverage unique statistical tools to monitor change and evaluate clustering.
- Model problems and make predictions based on spatial trends.

Contact

Emergency Management & Homeland Security Division

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