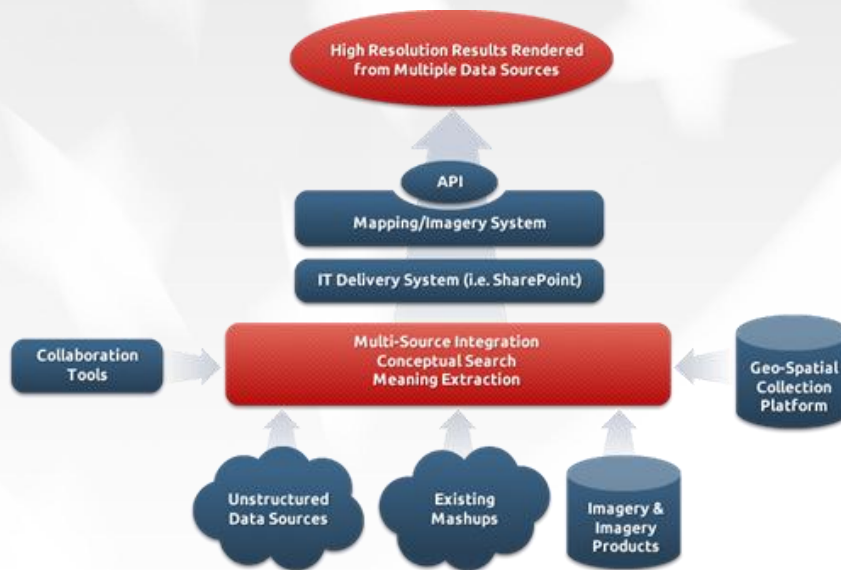


Conceptual Search Empowers Geospatial Intelligence

Increasingly, geospatial representation is the visualization mechanism of choice. It permits analysts to cut through complexity and collect, processes and refines large volumes of high-value data. But the challenge is that data is everywhere – in every kind of format.

The need to address this challenge has accelerated the trend of empowering geospatial technology and integrating conceptual search engines. This new addition opens the door to “fully exploitable organizational content.” Conceptual search engines read textual traffic, listen to audio and watch video. They ingest emails, documents, web content and other non-structured data and accurately extract meaning from these sources.

When integrated with existing geospatial intelligence, analysts literally watch a landscape change as new intelligence is incorporated. The integration of conceptual understanding and geospatial data creates a new dimension of actionable knowledge.



Refined, single point geospatial solutions are developed by integrating conceptual search with existing geospatial tools and IT delivery systems – such as SharePoint and ArcGIS. Existing collaboration tools, unstructured data sources, mash-ups, imagery and imagery products as well as geospatial collection platforms can be fully integrated with highly scalable conceptual extraction tools. Enterprise-scaled geospatial systems have the ability to ingest hundreds of data types while satisfying performance standards that support real-time delivery.

An enlightened vision of what is possible is the foundation upon which effective geospatial systems are built. MicroLink is at the center of this new way of looking at the world.

About MicroLink

Founded in 1998, MicroLink excels in Information Discovery, Information Governance and Information Management solutions. MicroLink has a history of providing reliable, high quality, customer-driven solutions that focus on improving productivity, collaboration and teamwork – on an enterprise scale.

MicroLink's core competency is the ability to integrate partner technologies with solution accelerators. The results are intuitive, repeatable and reliable business solutions:

- Enterprise Search
- Geospatial applications
- Emergency and Critical Event Management
- e-Decision Making
- Information Fusion and Discovery
- Compliance and e-Discovery
- Business Process Management
- Business Intelligence

With a reputation for consistent, superior performance, and outstanding work in the both the public and private sectors, MicroLink has earned the respect of its clients, partners, and employees.

Geospatial Success Stories

GEOINT OnLine

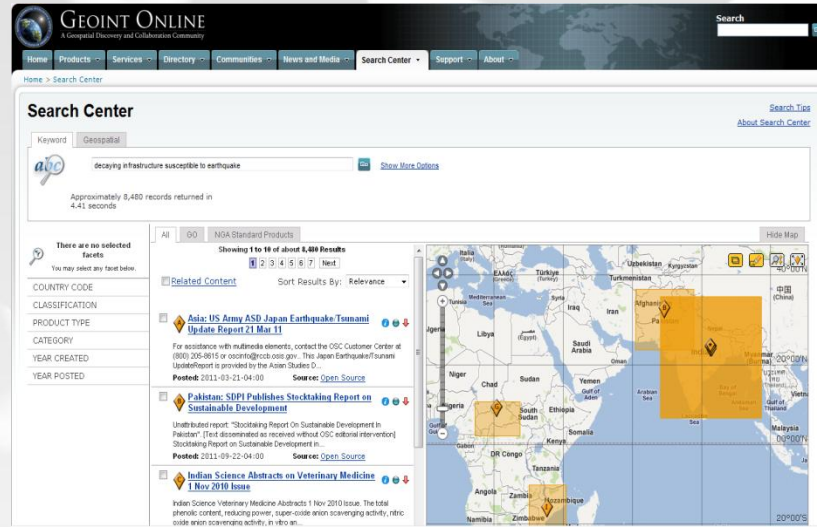
When the National Geospatial-Intelligence Agency (NGA) made the decision to offer its broad range of products and services through a single, on-line portal, the Agency brought in MicroLink as part of the team to create a sophisticated customer workplace. NGA wanted a portal that would exceed the expectations of demanding users. Its goal was to render high resolution results in geospatial format. But NGA took this one step further; it wanted to be able to serve up geospatial content that produced what the customer was looking for and not necessarily only what the customer was asking for.

MicroLink was instrumental in the integration of a conceptual search engine with existing geospatial infrastructure. The result is the ability to extract meaning from divergent sources of intelligence data. Our solution is able to uncover and investigate concepts, relationships and patterns – using all forms of geospatial data.

Law Enforcement

MicroLink is part of a team tasked with improving traditional criminal investigation processes for a national law enforcement agency. A combination of conceptual search and geospatial technologies was used. The conceptual search engine was fully integrated on an enterprise scale and started “reading” and “watching” unstructured content from a multitude of sources. Our solution now extracts content found in incident reports, arrests, photos, narratives and booking reports.

Using existing infrastructure and geospatial products, large volumes of unstructured content are being rendered in the mapping system. It is being done in a way not otherwise possible with conventional techniques. Law enforcement collateral from emails, written reports and surveillance videos are now being searched. Concepts, facts, and relationships are being extracted and delivered in visual form.



HARMONIE Web

As part of the Afghanistan reconstruction and stabilization mission, MicroLink was tasked to deliver a robust multi-medium “collaboration portal.” It was first used as a communications platform by disaster relief teams on location but has expanded to be *the* collaborative tool of choice by first responder’s world wide – including teams involved with the Japanese Tsunami and Haiti earthquake.

This SharePoint-based portal is field-proven through multiple, highly unpredictable humanitarian situations – in real-time and under adverse conditions. It operates in a multi-cultural, multi-lingual world and makes maximum use of geospatial intelligence and language translation services.