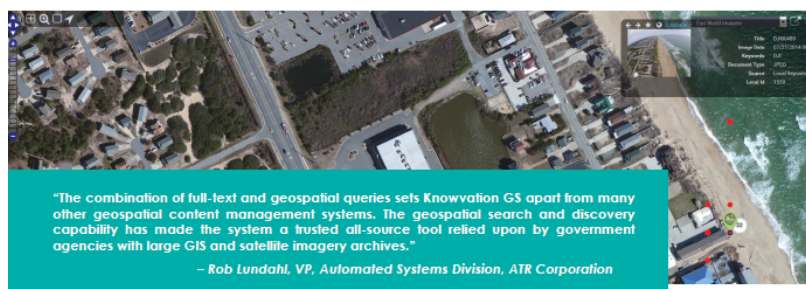




# Knowvation GeoSpatial Intelligence Brochure

## Unveiling Intelligence, Industry Challenges, and How Knowvation GS Works



Knowvation GS™, a geospatial content management system (GeoCMS), builds on top of the Knowvation Content Services Platform (CSP). Knowvation GS provides discovery, exploitation and dissemination advantages, enhancing the efficiency of Geospatial Analysts. The combination of powerful query tools and intuitive interfaces allows more time to analyze information, leading Geospatial Analysts to make better decisions and create high quality intelligence products quickly.

### Geospatial Industry Challenges

- **Slow data retrieval**—Too often, Geospatial Analysts spend more time looking for all-source materials than they do analyzing the data once it is found.
- **All-source data needs to be discovered timely and organized efficiently for building products on demand**—Analysts are often tasked with monitoring large Areas of Interest (AOI). The data being fed to them is enormous and they never know when something will require investigation into a specific area or time period.
- **Support the Activity Based Intelligence (ABI) approach to data analysis**—Support ABI by identifying a needle in a haystack when no pre-defined target has been selected. The analysts need to seek out any interesting connections in any and all types of data.
- **IT support for data loads**—Data ingestion must be performed by analysts without IT assistance.

### Knowvation GS

- **Locate all-source data on demand**—Knowvation GS combines full text and geospatial AOI search to locate required information quickly, efficiently and accurately. Pattern, Concept and Boolean search capabilities search for thoughts and not just words.
- **Simplified product development**—Knowvation GS gives users the ability to organize and tag data easily. Metadata is created automatically upon ingestion and digital objects found can be assigned to a folder hierarchy automatically.
- **ABI implementation**—Knowvation GS allows for non-geospatial data to be geotagged, providing AOI discovery of all source data. Time-lapse chipping of AOI imagery data provides a "quick look" analysis supporting persistent surveillance requirements.
- **Easy and rapid data loading**—Knowvation GS provides drag and drop loading and a hot folder that allows data feeds or copy processes to ingest files and create metadata without human assistance.



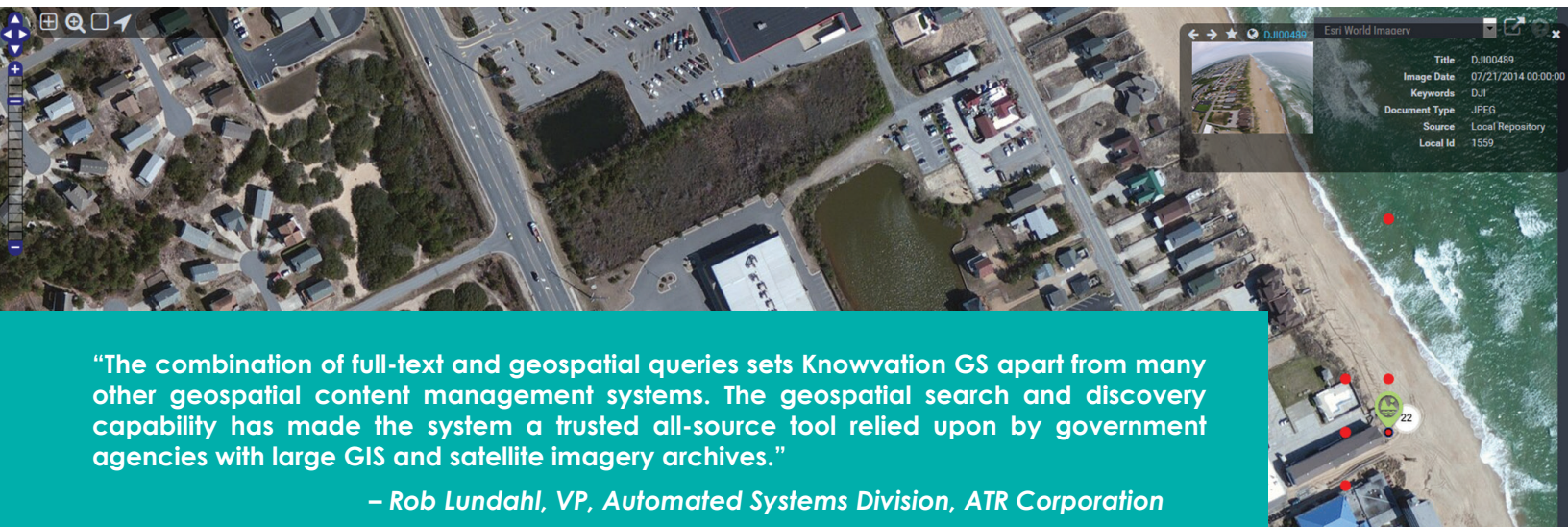
**P T F S**  
Empowering Content

**carahsoft**

For more information, contact Carahsoft or our reseller partners:  
[AWS@carahsoft.com](mailto:AWS@carahsoft.com) | 888-662-2724

# Knowvation<sup>GS</sup><sup>TM</sup>

geospatial intelligence



"The combination of full-text and geospatial queries sets Knowvation GS apart from many other geospatial content management systems. The geospatial search and discovery capability has made the system a trusted all-source tool relied upon by government agencies with large GIS and satellite imagery archives."

– Rob Lundahl, VP, Automated Systems Division, ATR Corporation

Knowvation GS<sup>TM</sup>, a geospatial content management system (GeoCMS), builds on top of the Knowvation Content Services Platform (CSP). Knowvation GS provides discovery, exploitation and dissemination advantages, enhancing the efficiency of Geospatial Analysts. The combination of powerful query tools and intuitive interfaces allows more time to analyze information, leading Geospatial Analysts to make better decisions and create high quality intelligence products quickly

## Geospatial Industry Challenges

- **Slow data retrieval**—Too often Geospatial Analysts spend more time looking for all-source materials than they do analyzing the data once it is found.
- **All-source data needs to be discovered timely and organized efficiently for building products on demand**—Analysts are often tasked with monitoring large Areas of Interest (AOI). The data being fed to them is enormous and they never know when something will require investigation into a specific area or time period.
- **Support the Activity Based Intelligence (ABI) approach to data analysis**—Support ABI by identifying a needle in a haystack when no pre-defined target has been selected. The analysts need to seek out any interesting connections in any and all types of data.
- **IT support for data loads**—Data ingestion must be performed by analysts without IT assistance.

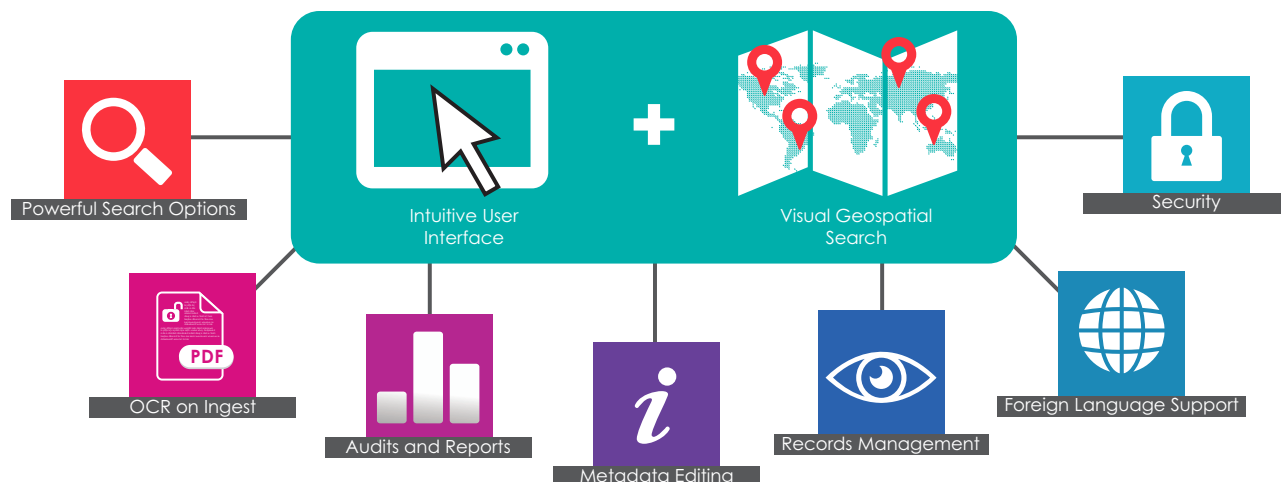
## Knowvation GS

- **Locate all-source data on demand**—Knowvation GS combines full text and geospatial AOI search to locate required information quickly, efficiently and accurately. Pattern, Concept and Boolean search capabilities search for thoughts and not just words.
- **Simplified product development**—Knowvation GS gives users the ability to organize and tag data easily. Metadata is created automatically upon ingestion and digital objects found can be assigned to a folder hierarchy automatically.
- **ABI implementation**—Knowvation GS allows for non-geospatial data to be geotagged, providing AOI discovery of all source data. Time-lapse chipping of AOI imagery data provides a "quick look" analysis supporting persistent surveillance requirements.
- **Easy and rapid data loading**—Knowvation GS provides drag and drop loading and a hot folder that allows data feeds or copy processes to ingest files and create metadata without human assistance.

| P | T | F | S |  
Empowering Content



## How Knowvation GS Works



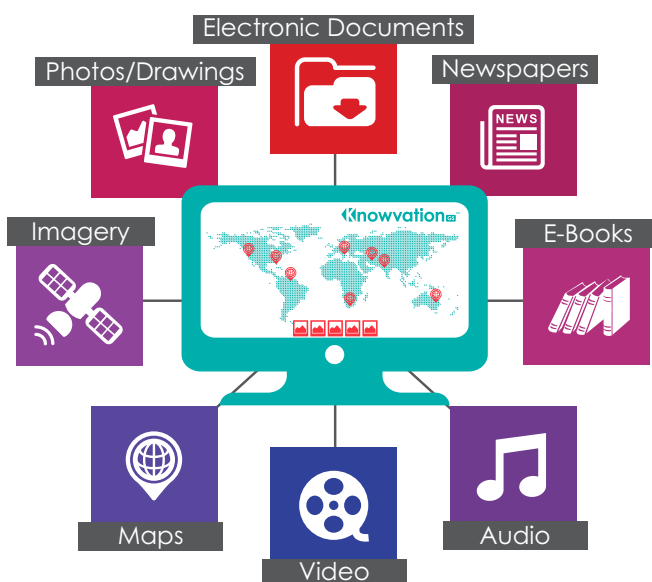
## Services

The PTFS Team provides implementation, maintenance, training, and support services for Knowvation GS, as well as integration services as required to support any unique customer environment. PTFS also has an internal Digitization Service Bureau which performs classified and unclassified conversion services and analysis for more than 100 Government organizations.

## About PTFS

With over twenty years of experience, PTFS offers customized and proven content management solutions. Our core products include Knowvation® and Biblioovation™. To help organizations focus on their missions, PTFS offers highly technical teams that streamline the process to implement and maintain custom solutions that best meet their needs.

## Get the Power.



## Connect with us



1801 Research Blvd., Suite 310  
Rockville, MD 20850  
(301) 654-8088

[www.ptfs.com](http://www.ptfs.com)



**Schedule 36**  
Contract GS-03F-0140W



**Schedule 70**  
Contract 47QTCA19D005Y



AWS Marketplace and the AWS Marketplace logo are trademarks of Amazon.com, Inc. or its affiliates.

**P | T | F | S**  
Empowering Content



---

Thank you for downloading this AWS and Vendor Resource! Carahsoft is the distributor for AWS public sector solutions available via GSA, NASPO, The Quilt and other contract vehicles.

To learn how to take the next step toward acquiring AWS's solutions, please check out the following resources and information:



For additional resources:  
[carah.io/AWS-Resources](https://carah.io/AWS-Resources)



For upcoming events:  
[carah.io/AWS-Events](https://carah.io/AWS-Events)



For additional AWS solutions:  
[carah.io/AWS-Solutions](https://carah.io/AWS-Solutions)



For additional public sector solutions:  
[carah.io/AWS.Solutions](https://carah.io/AWS.Solutions)



To set up a meeting:  
[AWS@carahsoft.com](mailto:AWS@carahsoft.com)  
888-662-2724



To purchase, check out the contract vehicles available for procurement:  
[carah.io/AWS-Contracts](https://carah.io/AWS-Contracts)