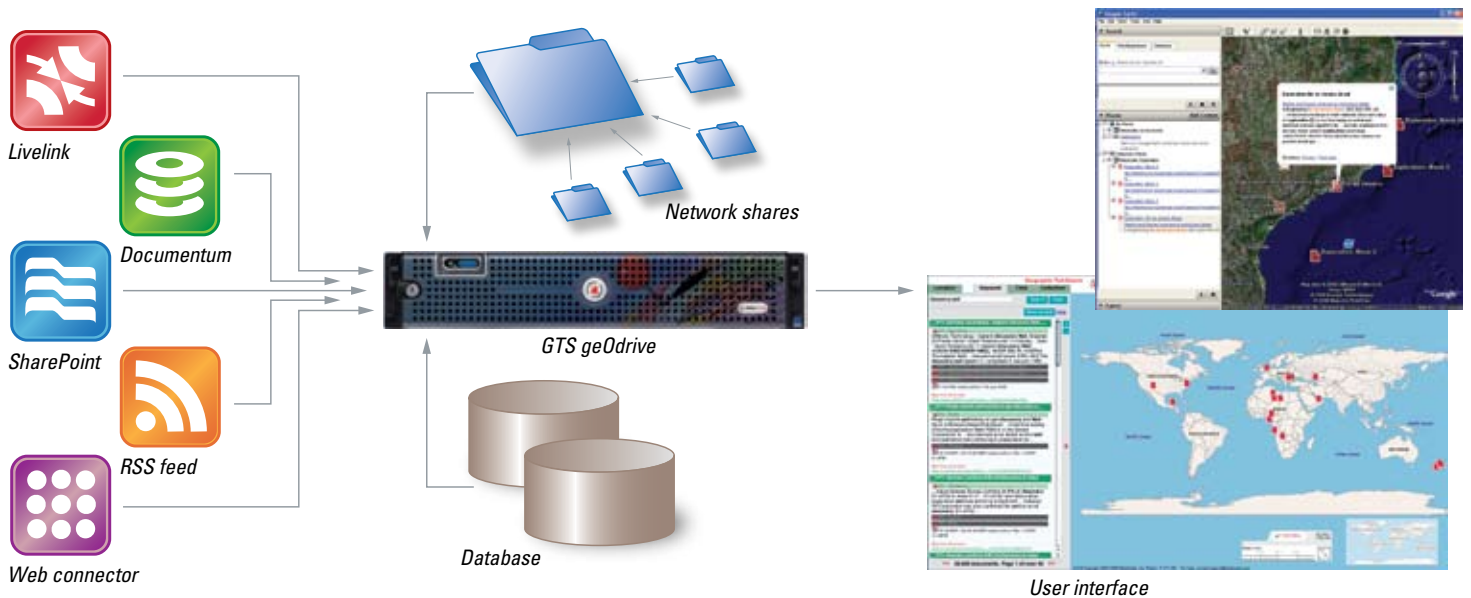


# MetaCarta Connectors

Extended user access to unstructured content sources within geographical location context



MetaCarta® connectors extend user access to unstructured content sources within the context of a geographical location. These connectors are available for Documentum®, Open Text™, SharePoint®, enterprise databases, RSS feeds, and Windows® shared drives. The connectors search these repositories and create an index of the content. Once the files are processed, they are available to end-users for search in the MetaCarta Web interface, ESRI®, Google Earth™, etc. MetaCarta respects the security requirements for each of these content sources.

## CONNECTOR FRAMEWORK

The connectors link MetaCarta GTS geOdrive™ with external repositories through the MetaCarta GTS Connector Framework. The framework provides a common set of capabilities required to synchronize GTS with current repositories. Repositories are indexed by defining and running jobs to maintain synchronization with the MetaCarta GTS index.

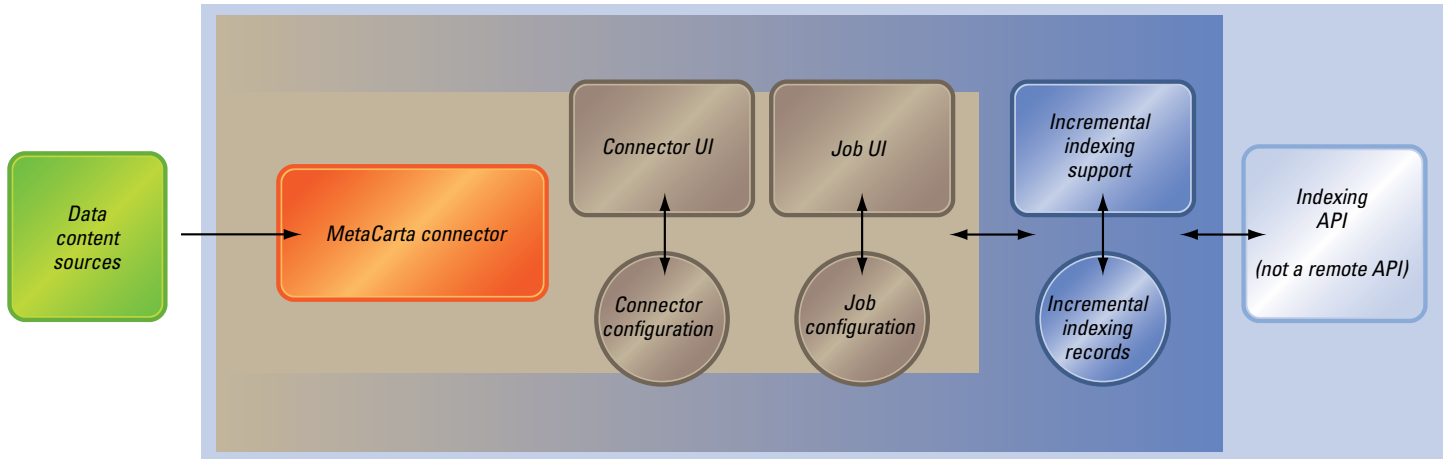
The framework has a Java™-based plug-in model for connectors and can provide corresponding Java-based authority plug-ins. These plug-ins access user authorization information at search time. The framework also has a Web-based user interface that allows plug-ins to be configured and indexing jobs to be executed.

Features of the Connector Framework include

- unified architecture for multiple connectors
- integrated Web UI for connection and job setup and management
- rapid connector development
- reports on job execution statistics.

## DOCUMENT INDEXING

The synchronization of repositories is managed through jobs that are scheduled to run regularly, on demand, or continuously. Each job connects to a single repository through a specific connector. Jobs are meant to run multiple times to capture content updates and deletions. Incremental updates are driven by the connector, which detects changes between job runs. The Connector Framework specifically detects and properly handles file additions, deletions, and modifications, updating the index as it discovers the changes.



MetaCarta connector architecture.

## AUTHORITY CONNECTIONS

All connectors secure documents according to access control settings of the repository. An authority connection is used to retrieve end-user documents or content security information to ensure that GTS index results contain only those documents the end-user is authorized to view. The connector will index the most recent version of any given document in the repository.

MetaCarta provides connectors for the following sources.

**EMC Documentum:** Retrieves documents stored in EMC Documentum

- EMC Documentum
- MetaCarta GTS geOdrive

**Open Text Livelink ECM:** Retrieves documents stored in Livelink ECM

- Livelink ECM
- MetaCarta GTS geOdrive

**Windows Share Connector:** Retrieves documents from Windows network shared drives

- MetaCarta GTS geOdrive version 3.7 and above

**RSSConnector:** Retrieves content from RSS feeds

- MetaCarta GTS geOdrive version 3.7 and above

**Database Connector:** Retrieves information from databases

- Oracle® 9.x and 10.x
- PostgreSQL™ 7.x and 8.x
- MSSQL v6.5+ (SQL2000 and SQL2005)
- Sybase® 10.x+
- MetaCarta GTS or GTS geOdrive version 3.7 and above
- SharePoint

## SUPPORTED CONTENT FORMATS

The Database Connector supports all documents compatible with MetaCarta GTS geOdrive. The formats currently supported include

- ASCII text files with or without extensions (.txt, etc.)
- HTML documents (.htm, .html)
- Adobe® Acrobat® files (.pdf)
- Adobe PostScript® files (.ps)
- Microsoft® Word® documents (.doc)
- Microsoft Excel® spreadsheets (.xls)
- Microsoft PowerPoint® presentations (.ppt)
- rich text format documents (.rtf)
- any file containing textual content.

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