opentext™

IDOL Connectors

IDOL Connectors are a core component of the IDOL platform, providing a flexible, precise approach to your data management needs. They uniquely aggregate diverse forms of structured, semi-structured, and unstructured data using repeatable and standardized workflows, while managing diverse data in place to minimize duplication requirements, storage costs, and handoff risks. Connecting to a wide range of disparate content repositories and supporting over 1000 file formats, IDOL Connectors offer a simple, fast, proven way to break down data silos for holistic enterprise search and data analytics.

Product Highlights

Making the connection to your data shouldn't be complicated. With our advanced suite of OpenText™ IDOL Connectors, we help you solve critical information connectivity challenges so you can focus on what's most important—running your business and not worrying about your systems.

Connect to Your Information

Today's organizations are faced with an explosion of unstructured data coming from emails, images, audio, video, online sources, and more. This fragmented and siloed information is driving the need to easily connect to data across disparate content repositories, such as SharePoint, Documentum, Office 365, and even cloud-based platforms. With out of the box data connectors, you're able to perform data aggregation and manage across hundreds of content repositories and govern your data using a standardized API and platform.

While you could build your own in-house data connectors to integrate with your systems, the resources and time required to maintain and keep them going can be costly—and also impact productivity. Additionally, content repositories are often live systems and interaction with them may compromise day-to-day operations. Your connectors need to interact

with repositories in a non-disruptive manner using schedules and incremental processing without being obtrusive.

Increased market requirements are driving the need for connector functionality that goes beyond data synchronization. Diverse unstructured data sets require new methods for governing data via advanced, data-driven workflows such as content synchronization, content disposition, content syndication, content legal/regulatory compliance via collection and legal hold workflows.

Help Increase Your Analytical Potential

With a comprehensive set of data connectors, including those for social media and Big Data (e.g., Facebook, Twitter, Hadoop, and others),

Quick View

- Dynamic Corpus for intelligent data discovery*
- Easy access to over 150 data repositories
- Comprehensive set of out-of-the-box data connectors
- Bi-directional data connectors for content synchronization and governance**
- Embedded ETL framework
- Mature and repeatable platform API
- Extensible SDK for custom data connector development
- Big Data scalability
- Straightforward OEM integration with comprehensive documentation
- Resource efficient—no heavy-weight servers required

*Applies to web connector
**Applies to select connectors

it doesn't matter where your data resides or what format it's in—OpenText™ can help you govern it. IDOL Connectors extract the entire content of a given file. Whether for a local or remote content repository, IDOL Connectors import the data into an IDX or an XML file, and then index the data into the IDOL (Intelligent Data Operating Layer) Server for information processing. This allows you to perform a much richer data analysis of data and gain competitive advantage. You can use IDOL to search and categorize millions of tweets, videos, documents, call recordings, and images, while seamlessly delivering real-time, advanced statistical analysis of the topics, demographics, buying behavior, sentiment, geotags, and hyperlink references extracted from that human data.

Not using a OpenText-powered application? Not a problem. IDOL Connectors gives the flexibility to index data into and from 3rd party applications. An extensive list is included on the last page of this Data Sheet.

Do More with IDOL Connectors

Go beyond the basics with IDOL Connectors. Our advanced connectors can enrich repositories with new data or metadata, or move information in and out of systems to meet business needs or adhere to specific market requirements. We help you to effectively govern your information and initiate advanced data synchronization, access, and viewing functionality. Standard features include:

- **Sync**—Preserve the CRUD operations done at the data source and have those operations reflected in the generated index.
- **View**—Enable the process of viewing data within the source.
- **Collect**—Enable the connector to "collect" data from source to make it unalterable.
- **Security**—All security protocols are respected and ACLs are transferred as part of the data load.

- **ACI Integration**—Access the wider array of IDOL functionality such as transcription, OCR, logo detection, etc.

Advanced features include:

- **Hold**—Mark a data asset as immutable
- **Release**—Mark a HOLD document as no longer HOLD
- **Delete**—Delete a document at source
- **Insert**—Insert a document into the source

With our SharePoint Connector, for example, you're able to index and enhance metadata associated with SharePoint documents, sites, and users, including information stored in list columns, user profiles, and more. Plug in any number of IDOL modules (e.g., categorization, entity extraction, etc.) in the connector layer to further structure the ingested data during the importing process.

IDOL Connectors can help you respond in critical situations. You can initiate legal holds

on electronically stored information (ESI) in SharePoint, Documentum, Exchange, or even on the cloud. The mature connector framework enables governance, access, and visibility across the entire enterprise corpus, allowing for unprecedented control and leverage of your information assets, and to support search that is fully compliant with the Federal Rules of Civil Procedure (FRCP).

Another way IDOL Connectors can help is when you need to archive large amounts of information. IDOL Connectors enable you to perform data extraction on different systems and insert them into an archive to store and keep your data safe and secure.

We can also help you manage vast amounts of rich media. IDOL Connectors support human information processing, including audio, video, images, and more. You can optionally and seamlessly perform actions on the speech server or image server to understand rich
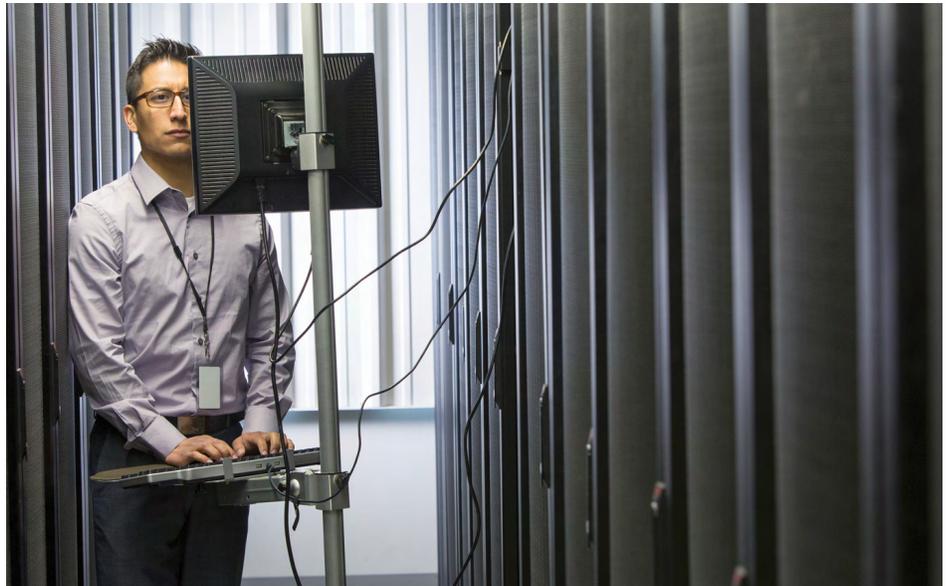
media in a scalable and sophisticated way via implementation of functions such as speech-to-text, OCR, and face recognition.

Extract and apply native security schemes to document indices. IDOL Connectors maintain and honor native security in real time to facilitate accurate updates or changes to security permissions across individual users and groups.

Key Benefits

- **Intelligent data discovery:** AI dynamically guides discovery of relevant data sources to increase efficiency and effectiveness.

- **Proven consistency:** Automate the processing of vast amounts of data in a reproducible, consistent, and deterministic manner.

- **Unparalleled coverage:** With access to hundreds of repositories, you're provided extensive coverage of connector repositories and their various versions.

- **Straightforward OEM integration:** With easy configuration, flexible API choices (.NET, C, and Java), and a cross-platform architecture, implementing IDOL Servers and Connectors on your own systems couldn't be easier, whether choosing to use IDOL components stand-alone or embedded in NiFi.

- **Rich features for countless applications:** The range of IDOL Connectors offer the capability to reach data in more repositories, gather the value of that existing data, enrich it and build highly capable applications.

- **Minimal impact:** IDOL Connectors, where possible, use native APIs to interact with 3rd party repositories, minimizing development time and disruption.

- **Save time, resources, and money:** Writing your own connectors requires the time, human resources, and high costs associated with supporting and maintaining a large library of connectors.

Key Features

- **Dynamic Corpus:** Enables unprecedented information access with dynamic data-led discovery of relevant web sources including the Dark Web, which might otherwise be inaccessible.

- **Information governance:** Manipulate content inside the repository by inserting data or disposing of it—all performed via the native API or SDK for easy maintenance.

- **Bi-directional connectors:** Don't just extract data, enrich repositories by inserting new data or metadata derived from data analytics.

- **ETL functionality:** Extract, transform, or load content from various content repositories; embed LUA script to build your own custom logic and integrate with application logic.

- **Advanced actions:** Access a wide array of advanced actions, including synchronize, collect, move, delete, hold, release, and view. Availability of actions may vary by connector.

- **Rich media:** Understand video, audio, and images, and leverage sophisticated functions, including speech-to-text, OCR, Number plate, vehicle recognition, face recognition and object classification.

- **Entity Extraction:** Intelligently classify information by finding patterns in your data to enrich your repositories. For example, you can use entity extraction to validate social security numbers or detect personally identifiable information.

- **Published and uniform API:** Interact with connectors using a simple, common set of action calls. Performing a legal hold in SharePoint, for example, is the same as performing a legal hold in Documentum; simply point to a different connector.

- **Native security:** IDOL extracts and maintains native security schemes to document indices and content, preserving data security.

- **Scalability:** Scale up using configuration or architectural capabilities or components.

IDOL Connectors provide access to a wide-range of disparate repositories:

- Adobe Experince Manager
- Alfresco via CMIS
- Amazon Kinesis
- Amazon S3
- Archive 360
- AzureBlob
- Box
- Chatter
- CMIS
- Confluence (REST)
- Connected
- Content Manager
- Digital Safe
- Documentum
- Dropbox
- Drupal
- Enovia
- Enterprise Vault
- eRoom
- Evernote
- Exchange
- Exchange WS and Odata
- Facebook workspace
- FileNet P8
- FileSystem
- FTP
- Gnip
- GoogleCloud

- GoogleDrive
- GoogleStorage
- Hadoop
- HP Object Store
- HTTP
- Hubspot
- IBM Seedlist
- IBM Connections Local
- ICM
- IMAP
- Interactions
- Jama
- Jira
- Jive
- Kafka
- Lithium
- Lotus Domino (Notes)
- Mango DB
- MMAP
- MS Dynamics
- MS Planner
- MS Teams
- Objective (Rest)
- OCS
- ODBC
- OneDrive
- Opentext ECM
- Oracle
- Oracle Universal Content Manager
- POP3

- Quest Archive Media
- Records365
- RSS
- Salesforce
- SAP Netweaver
- Service Now
- SharePoint 365 OData
- SharePoint 365 Remote
- Skype for Business
- Slack
- SMB
- Social Media—Atom
- Social Media—Facebook
- Social Media—Instagram
- Social Media—LinkedIn
- Social Media—Twitter (None stream)
- Social Media—Weibo
- Social Media—YouTube
- SourceOne
- StoreAll
- Teambinder
- Teams
- Telligent
- TMT
- Twitter (Streaming)
- Vantara
- Web
- WebEx chat
- Yammer
- Zoom chat

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