# ASG

# ASG-TOTAL CONTENT INTEGRATOR™

## FOR CONTENT INTEGRATION, SEARCH, AND ACCESS ACROSS DISPARATE REPOSITORIES

## BENEFITS

- Provides a complete, consolidated view of content from all enterprise repositories

- Scales to accommodate unlimited repositories, users, and content volume

- Delivers content in familiar, browser-based formats

- Secures content access based on defined authority profiles

- Normalizes index fields and data, providing a simple, uniform search experience

- Applies source-appropriate formatting for consistent viewing

- Offers an open source interface for adapter development and enhanced interoperability

- Eliminates the need for complex coding to integrate content from multiple sources without API programs
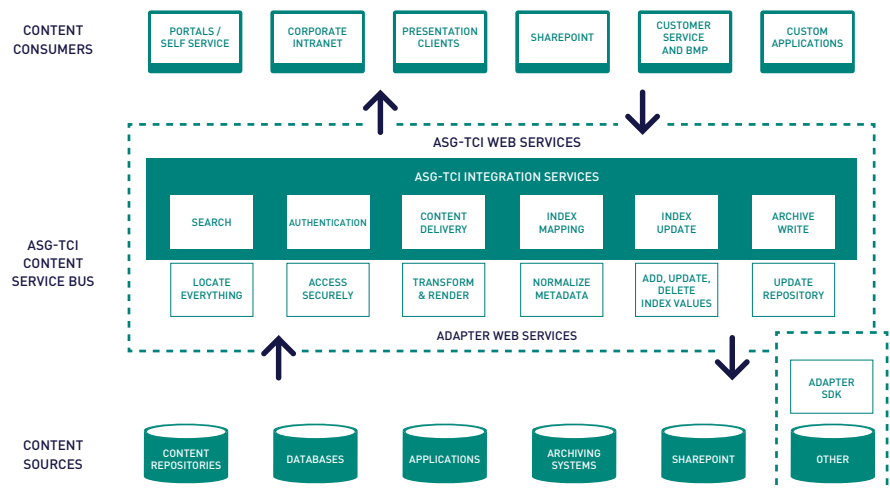
## OVERVIEW

ASG-Total Content Integrator™ (ASG-TCI) provides a unified, federated, content aggregation and integration technology for transparent search, discovery and presentation of electronic documents, records and other content anywhere in the enterprise. All of its components use packaged Web Services, enabling a single Web application request to activate a search across multiple, disparate repositories, file systems, databases, and applications - including email, Microsoft® SharePoint®, Oracle®, SAP®, IBM®, EMC®, ASG-ViewDirect®, ASG-Cypress®, and others. Scaling from department to enterprise levels, ASG-TCI imposes no limits on the number of repository connections, or types and volumes of content.

### A CONTENT CONNECTION THAT SPANS THE ENTERPRISE

ASG-TCI communicates with repositories and other content sources via Web Services-based adapters that understand how the content is structured and modeled. These packaged adapters translate queries, search content sources, and deliver all relevant content, regardless of the source. ASG-TCI's wide range of adapters includes:

**Enterprise Content Management Connectivity**

Out-of-the box connectivity permits integration with popular content management systems repositories, including ASG-ViewDirect®, ASG-Cypress®, IBM® OnDemand, IBM® FileNet®, Microsoft® SQL Server, Alfresco® and any CMIS-supported repository.

## TECHNICAL SPECIFICATIONS

### Operating System

- Windows, Unix

### Complimentary Components

- ASG-ViewDirect
- ASG-Cypress
- ASG-TCI for SharePoint
- ASG-Records Manager™
- ASG-DocumentDirect for the Internet

**Application Connectivity** - ASG-TCI connects to third-party search engines to access indexed content and provide users access to Internet content.

**Database Connectivity** - ASG-TCI connects to SQL-compliant databases, such as Microsoft® SQL Server®, to distribute SQL queries to different databases, interrogate them, and extract relevant rows and columns, embedded objects, and linked content.

**Customized Connectivity** - ASG-TCI offers a Software Development Kit (SDK) with a sample adapter that can be customized to access any other database system or content repository.

## FULLY INTEGRATED SOLUTION FOR CONTENT MANAGEMENT

**Search** - A single search request delivers any content by automatically translating search criteria and passing the necessary information to ASG-TCI's adapters.

**Authentication** - Single sign-on eliminates the need to enter credentials across disparate repositories. Flexible authentication services ensure secure access and gather profile information from content management systems, external users' data stores (e.g., ERP systems), Microsoft Active Directory®, or any relational database or legacy security system.

**Index Mapping** - ASG-TCI automatically resolves the relationship between the common universal indexes defined in ASG-TCI and the repository-specific indexes in the underlying archive. It also addresses format differences by applying the appropriate mask for each source repository. Masks can be applied to a wide variety of formats, such as text, amounts, numbers, and dates.

**Delivery** - Information is presented to users via Web browsers, desktop applications, or a native viewing client such as ASG-DocumentDirect® for the Internet. No plug-ins or ActiveX® viewing modules are required. Converting content from the repository to a wide range of familiar browser-based formats, the delivery service enables users to take advantage of native controls, including zoom, rotate, download, annotate, and print.

**Archive Write** - ASG-TCI Web Services archives content into the ASG-ViewDirect repository for a variety of high-performance archiving applications, including back-end archiving services for SharePoint documents.

## SUMMARY

ASG-TCI is easy to install, configure, and deploy. It provides a no-code approach to configuration, reducing the cost and time of installation and implementation. Using a set of intuitive screens and prebuilt wizards, administrators establish the parameters and information needed to access specific content sources.

ASG-TCI eliminates the complex and time-consuming task of building an enterprise content integration solution. Because it easily integrates with any packaged and custom client application, ASG-TCI improves customer service and end-user productivity, which can be further enhanced by leveraging ASG-TCI's seamless integration with the entire ASG-ViewDirect suite.