

# Endeca® Content Acquisition System

Open Text Livelink Connector Guide

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# Preface

Endeca® InFront enables businesses to deliver targeted experiences for any customer, every time, in any channel. Utilizing all underlying product data and content, businesses are able to influence customer behavior regardless of where or how customers choose to engage — online, in-store, or on-the-go. And with integrated analytics and agile business-user tools, InFront solutions help businesses adapt to changing market needs, influence customer behavior across channels, and dynamically manage a relevant and targeted experience for every customer, every time.

InFront Workbench with Experience Manager provides a single, flexible platform to create, deliver, and manage content-rich, multichannel customer experiences. Experience Manager allows non-technical users to control how, where, when, and what type of content is presented in response to any search, category selection, or facet refinement.

At the core of InFront is the Endeca MDEX Engine,™ a hybrid search-analytical database specifically designed for high-performance exploration and discovery. InFront Integrator provides a set of extensible mechanisms to bring both structured data and unstructured content into the MDEX Engine from a variety of source systems. InFront Assembler dynamically assembles content from any resource and seamlessly combines it with results from the MDEX Engine.

These components — along with additional modules for SEO, Social, and Mobile channel support — make up the core of Endeca InFront, a customer experience management platform focused on delivering the most relevant, targeted, and optimized experience for every customer, at every step, across all customer touch points.

## About this guide

This guide describes the tasks necessary to configure the Open Text Livelink CMS connector.

It assumes familiarity with the concepts of the Endeca Content Acquisition System and the Endeca Information Transformation Layer. For more information, see the *Endeca CAS Developer's Guide* and the *Endeca Forge Guide*.

## Who should use this guide

This guide is intended for application developers who are building applications using the Endeca Content Acquisition System, and are responsible for gathering, crawling, joining and feeding the data in different source formats into the Endeca pipeline to transform them into Endeca records.

## Conventions used in this guide

This guide uses the following typographical conventions:

Code examples, inline references to code elements, file names, and user input are set in `monospace` font. In the case of long lines of code, or when inline monospace text occurs at the end of a line, the following symbol is used to show that the content continues on to the next line: ↪

When copying and pasting such examples, ensure that any occurrences of the symbol and the corresponding line break are deleted and any remaining space is closed up.

## Contacting Endeca Customer Support

The Endeca Support Center provides registered users with important information regarding Endeca software, implementation questions, product and solution help, training and professional services consultation as well as overall news and updates from Endeca.

You can contact Endeca Standard Customer Support through the Support section of the Endeca Developer Network (EDeN) at <http://eden.endeca.com>.



## Chapter 1

# Configuration steps for Open Text Livelink

Set up the CAS Server for Open Text Livelink, and set Livelink-specific options in the CAS Console for Endeca Workbench. See the "Endeca CAS API Guide" for details on crawling an Open Text Livelink repository through the CAS API.

## Open Text Livelink versions supported by this connector

The Open Text Livelink connector supports Open Text Livelink version 9.2 SP1 and later.

## Setting up the CAS Server for Open Text Livelink

To crawl an Open Text Livelink repository, configure the CAS Server for the Open Text Livelink connector.

To set up a CAS Server for Open Text Livelink:

1. Copy the `lapi.jar` file from the Livelink server installation to `<install path>\CAS\version\lib\cas-server-plugins\entropysoft` (on Windows) and `<install path>/CAS/version/lib/cas-server-plugins/entropysoft` (on UNIX).
2. If you are using HTTPS tunneling, copy `llssl.jar` from the Livelink ECM Secure Connect module to `<install path>\CAS\version\lib\cas-server-plugins\entropysoft` (on Windows) and `<install path>/CAS/version/lib/cas-server-plugins/entropysoft` (on UNIX).
3. Restart the Endeca CAS Service.

Now the CAS Server is set up to communicate with the Open Text Livelink repository.

To crawl an Open Text Livelink repository, you also configure options specific to Livelink in the CAS Console.

## Configuration properties for the Open Text Livelink connector

To configure an Open Text Livelink connector, specify the configuration properties listed below.



**Note:** In addition to configuring the connector-specific properties listed below, you must enter values for the data source username and password.

Create the following configuration properties using either CAS Console or the CAS Server Command-line Utility.

CAS Property Display Name	CAS Property Name	Property Description
<b>Server Name</b>	host	(Required). Enter the DNS name of the Livelink server (the host).
<b>Domain</b>	domain	(Optional). Enter the domain of the repository.
<b>Liveline CGI Path</b>	LivelinkCGI	(Optional). When using http/https tunneling, this is the server-relative path of the Livelink CGI. For example: /Livelink/livelink.exe.
<b>Use HTTPS</b>	HTTPS	(Optional). When using http tunneling, this parameter specifies whether to use an unsecure (http) or secure (https) connection channel. In order to use https connections, the Livelink ECM Secure Connect module must be installed and this value must be set to <code>true</code> . The default is <code>false</code> .
<b>HTTP User Name</b>	HTTPUserName	(Optional). The user name to use to authenticate against the tunneling web server. The default is to use the current user name. This parameter is ignored if the web server doesn't require authentication.
<b>HTTP Password</b>	HTTPPassword	(Optional). The password to use to authenticate against the tunneling web server. The default is to use the current user password. This parameter is ignored if the web server doesn't require authentication.
<b>Search Broker</b>	searchBroker	(Optional). Enter the name of the search broker to use. If no value is entered, the default value of <code>Enterprise</code> is used.
<b>Search Broker (All Versions)</b>	searchBrokerAllVersions	(Optional). Enter the name of the search broker to use if search across versions. If no value is entered, the default

CAS Property Display Name	CAS Property Name	Property Description
		value of Enterprise [All versions] is used.
<b>Display URL</b>	displayURI	(Optional). Specify the full URL to the Livelink CGI. For example, <code>http://&lt;host-name&gt;[:port][ /&lt;context&gt; ]/livelink.exe</code> . This URL is used to build a URL to items. If none is specified then the URL property of items will not be populated.
<b>Port Number</b>	port	(Optional). Enter the network port of the Livelink server. If no value is entered, the default value of 2099 is used.



**Note:** Properties are case sensitive.

## Additional configuration notes for Open Text Livelink

The Open Text Livelink connector supports additional features.

- The Livelink CMS offers two document storage configurations: one is to store documents in the database as BLOBs, and the other is to store them in the file system and to only store the paths in the database. Both document-storing configurations are transparent to the users of the system, and are supported by default by the CMS Connector for Livelink.
- The CAS Server can crawl all Livelink object types including custom object types.

## Permission mapping

The following table shows the mapping between Open Text Livelink permissions and the resulting Endeca record properties that are produced.

Livelink permission	Endeca record properties
See	Endeca.CMS.AllowReadProperties
See Contents	Endeca.CMS.AllowReadContent

