



# TRAINING DOCUMENTATION

Brightcove / Adobe Experience Manager (AEM) Integration

Version 4.0

PREPARED FOR  
Brightcove, Inc.

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# 1 Installation

1. Download the appropriate package for your AEM version.
  - **AEM 5.6.1/6.0:**
    - **brightcove-all-4.0.0-SNAPSHOT.zip**
  - It Includes:
    - /libs/cq/gui/content/common/links/brightcove
    - /apps/brightcove
    - /etc/designs/brightcove
  - <https://github.com/coresecure/Adobe-CQ5-Brightcove-Connector>
2. Install the package using preferred method:
  - CRX Package Manager
  - Maven
3. Create your preferred folder structure under /content or /etc for organizing your Brightcove Page Components.
  - ex: /content/brightcovetools/players

# 2 Service Configuration

1. Go to AEM Web Console ConfigurationAEM 5.6.1/6.0:
  - <http://localhost:4502/system/console/configMgr>
2. Select the “+” sign of the **Brightcove Service** to add a new Account.



3. Configure the service with the appropriate Brightcove Account information
  - (Refer to Brightcove documentation to locate this information based on your API Version)

**Brightcove Service** ✕

**Brightcove Service Configuration**

Client ID

Client Secret

Account ID

Read Token

Write Token

Players Store Path   
Path of the players store location (playersstore)

Default Video Player ID

Default Data Embedded

Default Playlist Player ID

Default Playlist Player Key

Preview Video Player   
Preview Player Path (Videos) (previewPlayerLoc)

Preview Playlist Player   
Preview Player Path (Playlists) (previewPlayerListLoc)

Allowed Groups  + -  
Groups that are allowed to see this account data (allowed\_groups)

**Configuration Information**

Persistent Identity (PID)	[Temporary PID replaced by real PID upon save]
Factory Persistent Identifier (Factory PID)	com.coresecure.brightcove.wrapper.sling.BrcServiceImpl
Configuration Binding	Unbound or new configuration

## Settings Overview

- Account ID
  - (Publisher ID)
  - Must be **unique**. You cannot add multiple configurations using the same Account ID.

### CMS API Settings

- Client ID
- Client Secret

### API Tokens

- Read Token
- Write Token

<https://videocloud.brightcove.com/admin/api>

- Account Settings → API Management

## Video Player Settings

- **Players Store Path**
  - The content path where Video Players will be created
    - ex: /content/brightcovetools/players
    - **TIP:** If configuring multiple accounts, consider creating separate folders per account to store their Video Players. This will help with defining ACL later on.
- **Default Video Player ID**
- **Default Data Embedded**
  1. Navigate to your video library at <https://studio.brightcove.com>
  2. Go to the **Players** tab and select a Player

The screenshot shows the VideoCloud 'Players' management page. At the top, there's a navigation bar with the VideoCloud logo, 'Players' dropdown, 'Support', and 'Coresecure, Inc.' The main heading is 'Players' with a search bar. Below the heading are three buttons: 'Delete', 'Duplicate', and 'New Player'. A 'Sort By' dropdown is set to 'Date Modified'. A table lists two players:

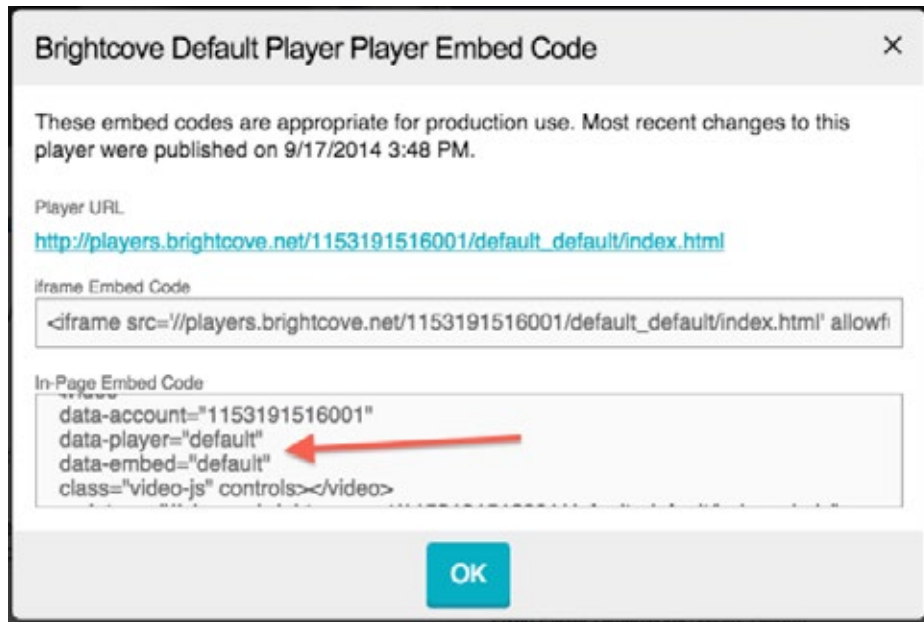
Name	Date Modified	Status
<input type="checkbox"/> <a href="#">Test</a> 12504624-14e8-4e8f-ac62-8352b5e1da81	3/3/2015 1:04 PM	✓
<input type="checkbox"/> <a href="#">Brightcove Default Player</a> default	9/17/2014 3:48 PM	✓

At the bottom, there are pagination controls: 'Items 50', 'Go to Item 1', and '1-2 of 2'.

3. Open **Embed Code & URL** and click on **Published Player**

The screenshot shows the 'Brightcove Default Player' settings page. At the top, there's a navigation bar with the VideoCloud logo, 'Players' dropdown, 'Support', and 'Coresecure, Inc.'. Below the navigation bar, there's a 'Back to Players' link and the heading 'Brightcove Default Player'. There are four buttons: 'Delete', 'Duplicate', 'Embed Code & URL' (with a dropdown arrow), and 'Publish'. A 'Discard Changes' button is also present. Below the buttons is a video player preview area showing a video of a cloudy sky. A tooltip is visible over the video player with two options: 'Preview Player' and 'Published Player'.

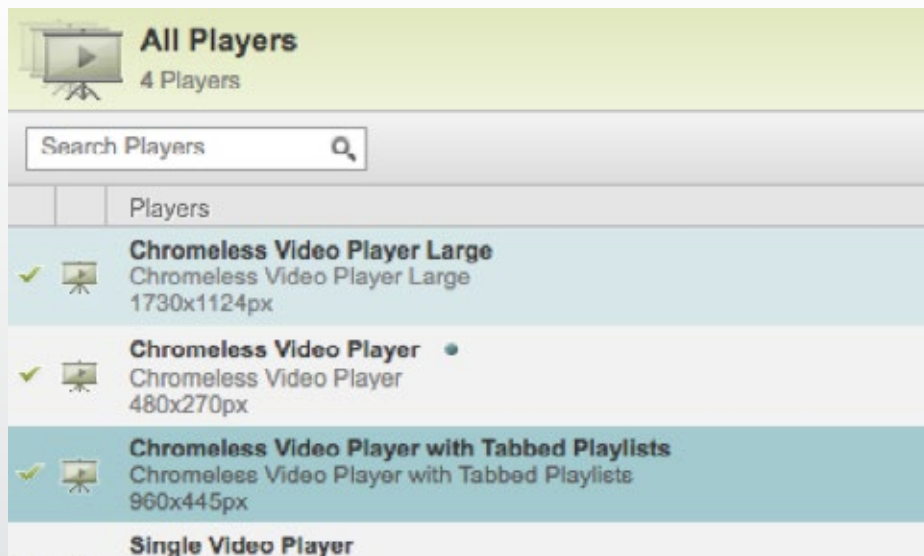
4. You will find the **Player ID (data-player)** and **Player Data Embedded (data-embed)** within the generated code



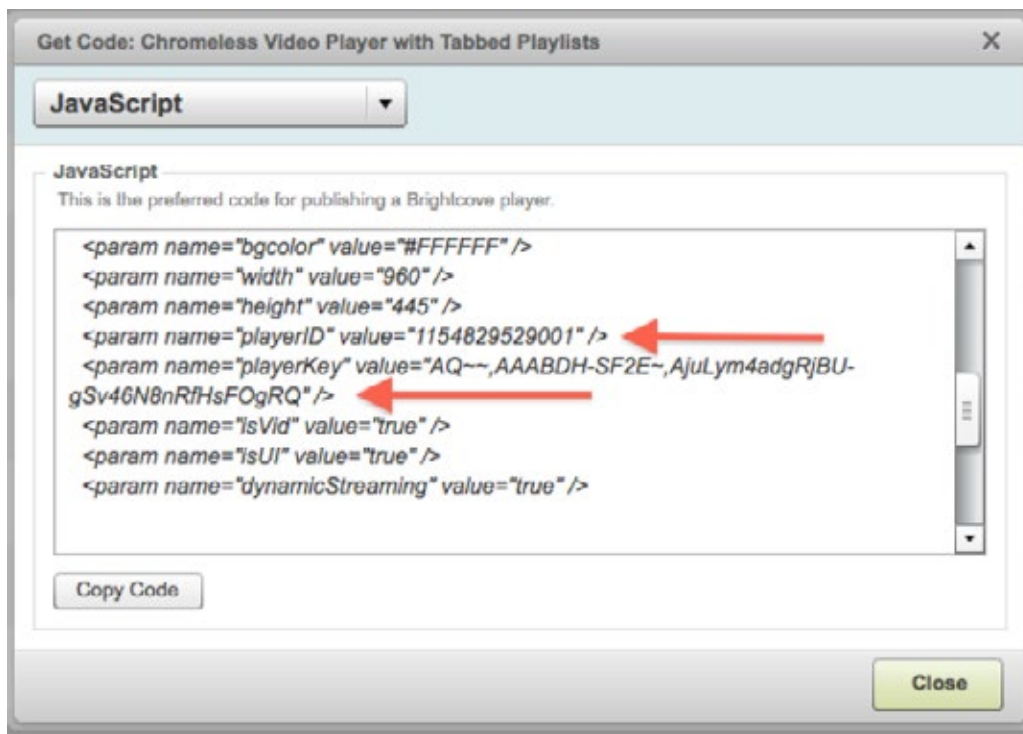
- Default Playlist Player ID
- Default Playlist Player Key

The configuration of the Brightcove Playlist component is nearly identical to set up for the Video Player component, except the user must select a videoPlayer that is compatible for playlists.

1. Navigate to your video library
  - <https://videocloud.brightcove.com>
2. Go to the **Publishing** tab and select a Player which supports playlists



3. Select your preferred video player and click **Get Code** at the bottom.
4. You will find the **playerID** and **playerKey** within the generated code:



- **Preview Video Player**
  - URL for a singular Video Player
- **Preview Playlist Player**
  - URL for a playlist Video Player.

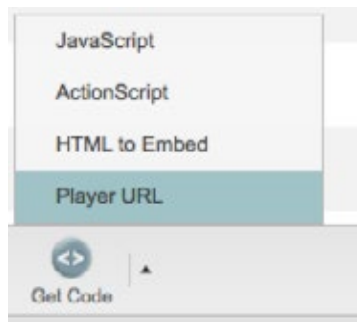
In order to gain full functionality of the AEM **Video Library Manager**, you must configure the preview URLs.

1. Navigate to your video library
  - <https://videocloud.brightcove.com>
2. Following the process described for configuring the Default Playlist Player ID, select a preferred Video Player.
  - **Note:** Steps 2-4 must be repeated; once for singular videos and again for playlists.

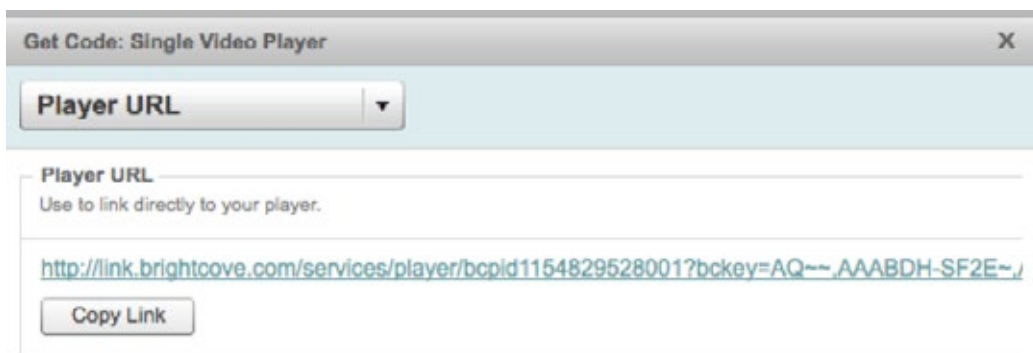


Step 2

3. At the bottom of the interface, click on the arrow to the right of **Get Code** and select **Player URL**



4. Copy the URL to the clipboard.



5. Paste the base URL into the appropriate properties, deleting all query parameters.

## ACL Settings

- **Allowed Groups**
  - Enter the Group ID
  - This is a multifield property.
  - If empty no one can see the account in authoring mode.



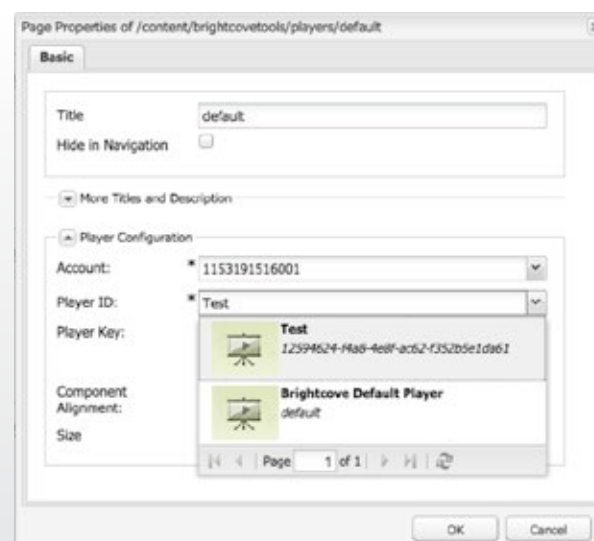
# 3 Creating a Video Player Page

The **Brightcove Player Page** is a special page template

1. Create a new **Brightcove Player Page** in the folder configured as the Players Store Path for the specified Account ID
  - ex: /content/brightcovetools/players

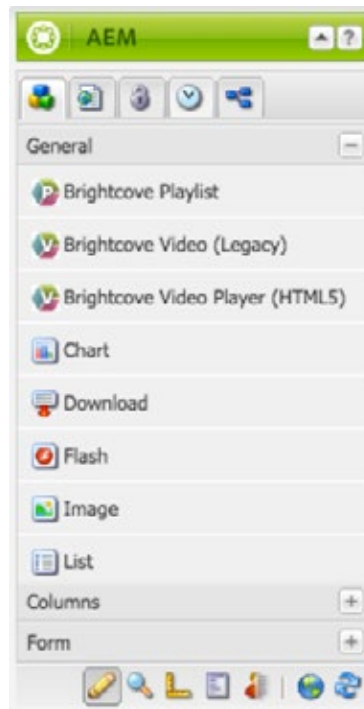


2. Open the new page and select **Page Properties**
3. In the **Player Configuration** section you can select the **Account ID**. If the account is linked to a *CMS Brightcove API* you will be able to select an existing player. Otherwise you can manually configure the **Player ID** and **Player Key**.



# 4. Using the Components

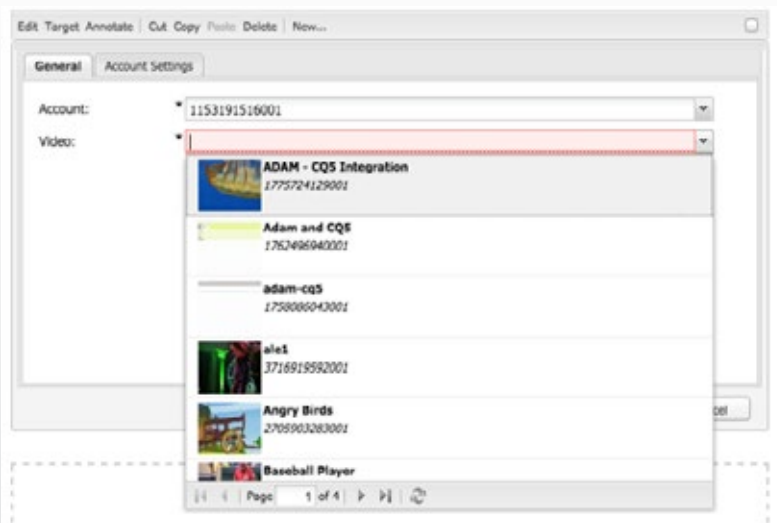
- All new components will appear underneath the **General** tab in the AEM SideKick



- Drag each component into an available Parsys.

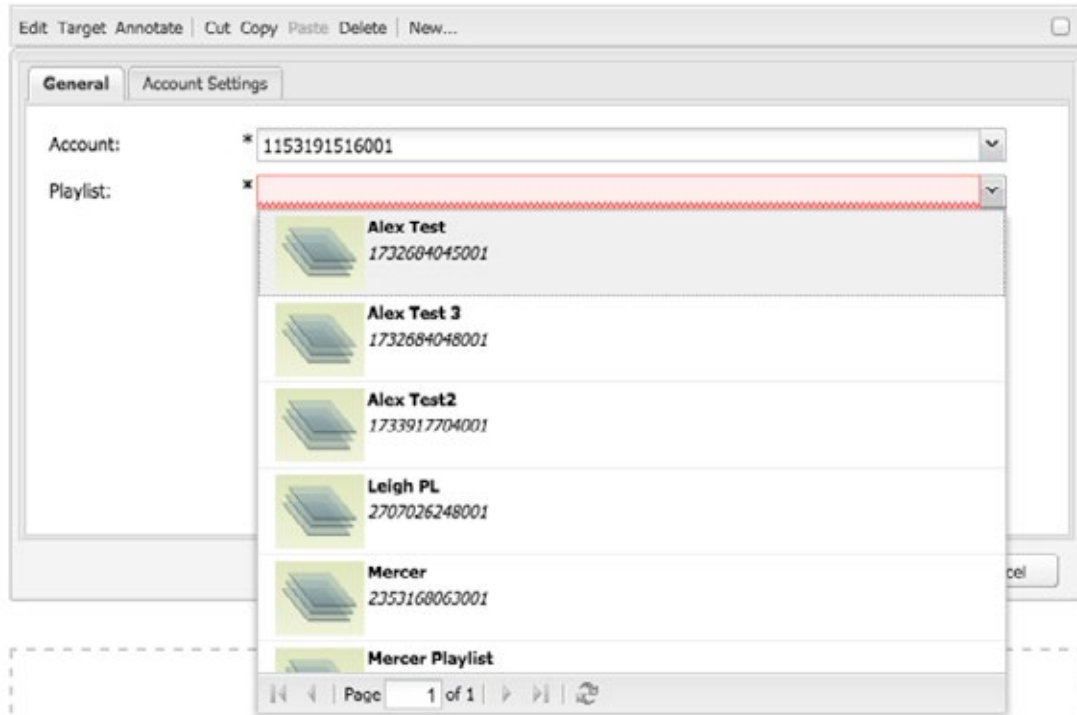
## Brightcove Video Player (HTML5)

- Use the **Account** dropdown to select the correct Account ID and use the **Video** dropdown to select a video from your library.
- **Note:** You can use the select box to search, so clear the current value in order to display all results.



## Brightcove Playlist

- Use the **Playlist** dropdown to select a playlist from your library.



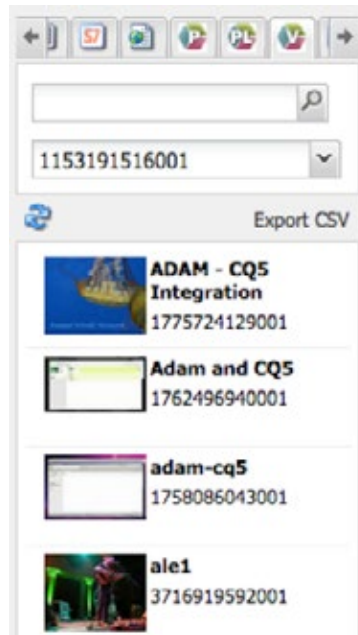
## Overriding default Video Player

For each component, if you want to change the **Video Player** used from the Default Video Player ID set in the configuration, click on the **Account Settings** tab and select the desired player

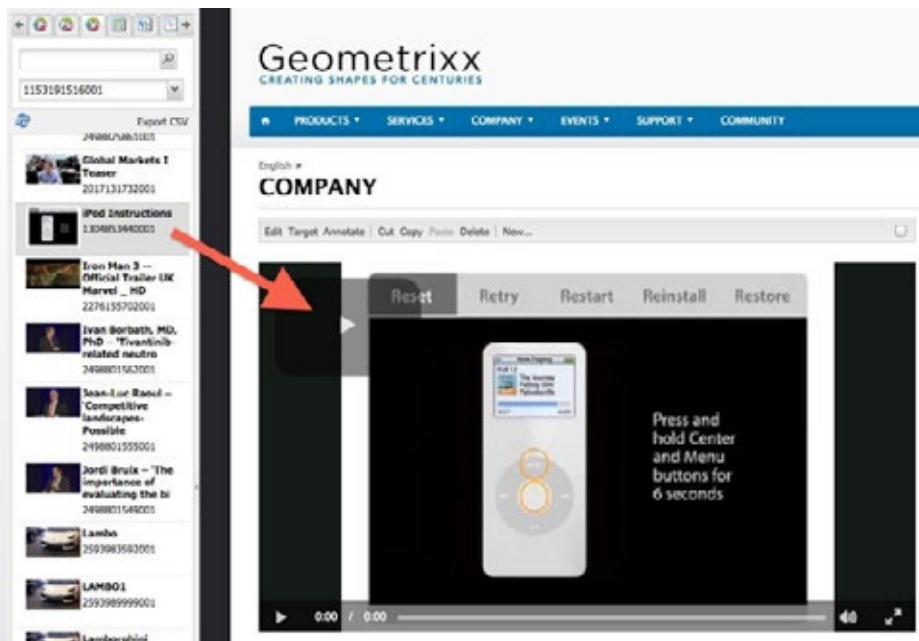


## Adding videos from the Content Finder

The installation and configuration has created three new tabs in the **Content Finder**, for Players, Playlists and Videos:



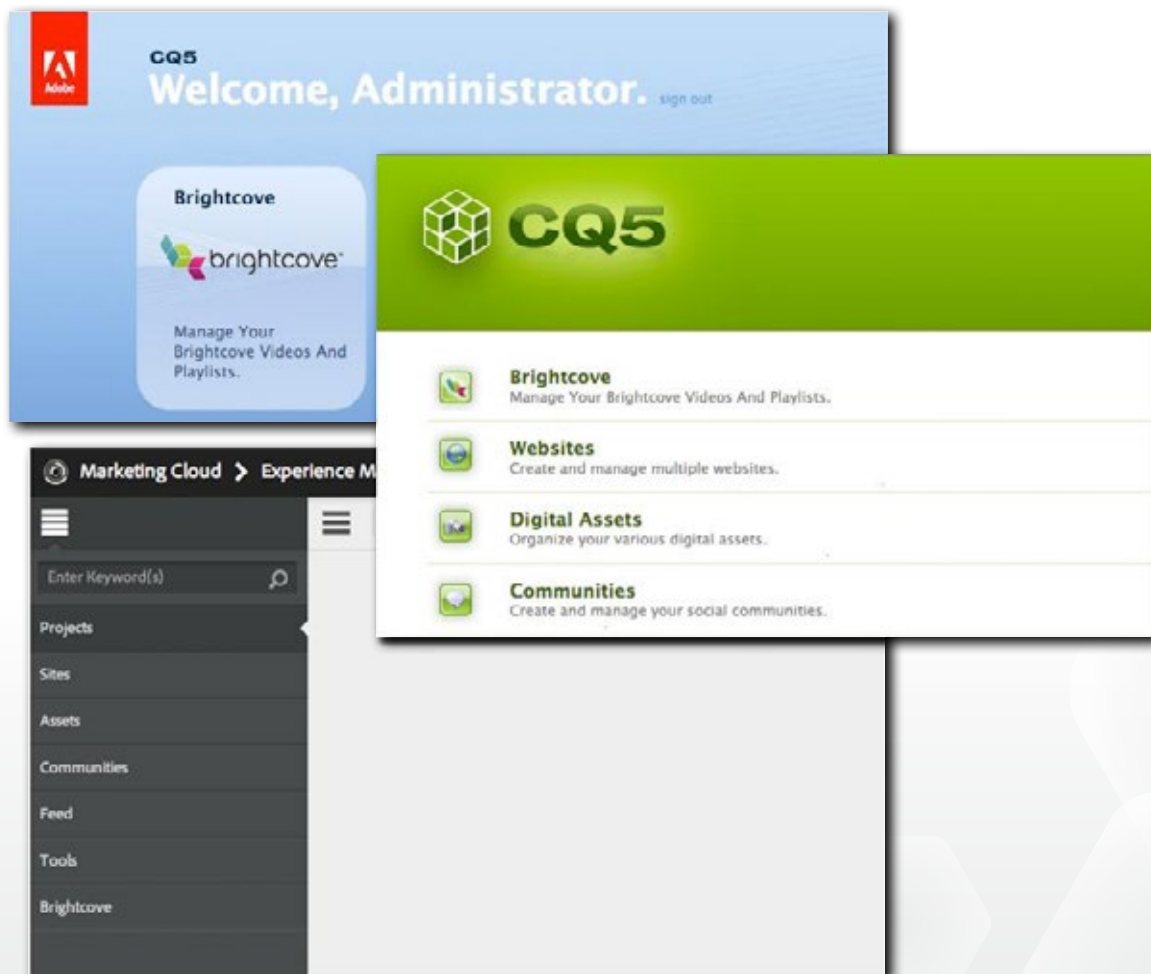
- You can drag and drop a Player from the sidekick directly onto the Brightcove components and it will preconfigure the account ID and the Player configuration.
- You can also drag and drop Videos and Playlists from the sidekick directly onto their **Respective** components.




# 5 Using the AEM Video Library Manager

The AEM Video Library Manager provides an interface that allows administrators perform major Brightcove content updates from within AEM.

- Users can edit existing Videos and Playlists, including Meta Data and Image Stills.
- Users can add and delete content.
- **Note:** When making content changes through the AEM interface, take caching into account and allow up to 20 minutes for your changes to be reflected.



AEM

ALL VIDEOS ALL PLAYLISTS 

1153181516001

ALL VIDEOS  
30 VIDEOS (OF 63)

Search Videos In Every Field SEARCH


DELETE CHECKED UPLOAD VIDEO CREATE PLAYLIST Page Number: Page 0 (Videos 1 to 30)

Video Name ↑	Last Updated ↑	Reference Id ↑	ID
<input type="checkbox"/> ADAM - CQ5 Integration	1/7/2014		1775724129001
<input type="checkbox"/> Adam and CQ5	11/11/2013		1762496940001
<input type="checkbox"/> adam-cq5	7/27/2012		1758086043001
<input type="checkbox"/> ale1	8/6/2014		3716919592001
<input checked="" type="checkbox"/> Angry Birds	9/30/2013		2705903263001
<input type="checkbox"/> Baseball Player	2/7/2014		1304848988001
<input type="checkbox"/> CACATEST	8/6/2014		3716919662001
<input type="checkbox"/> Coresecure's ADAM Adobe CQ5 Integration	11/10/2013		1758052440001
<input type="checkbox"/> dddd	8/6/2014		3716919608001
<input type="checkbox"/> Detrás de cámara portada Yelmy Paola, Jair y Joshua	8/14/2013		2606241697001
<input type="checkbox"/> Detrás de cámara portada Yelmy Paola, Jair y Joshua	3/3/2015		2603295693001
<input type="checkbox"/> DISCOVERING THE myBAGUETTE APP	6/11/2014		3617897088001
<input type="checkbox"/> Entrevista Matthew	2/4/2014		3151407688001
<input type="checkbox"/> ftdsd	8/6/2014		3716905827001
<input type="checkbox"/> Giovanni Abbadesse, MD, PhD - Tivantinib developm	6/21/2013		2498825861001
<input type="checkbox"/> Global Markets I Teaser	12/6/2012		2017131732001
<input type="checkbox"/> iPod Instructions	10/2/2012		1304853440001
<input type="checkbox"/> Iron Man 3 - Official Trailer UK Marvel _ HD	4/4/2013		2276155702001
<input type="checkbox"/> Ivan Borbath, MD, PhD - Tivantinib-related neutro	6/21/2013		2498801562001
<input type="checkbox"/> Jean-Luc Raouf - "Competitive landscapes- Possible	6/21/2013		2498801555001
<input type="checkbox"/> Jordi Bruix - "The importance of evaluating the bi	6/21/2013		2498801549001
<input type="checkbox"/> Lambo	8/8/2013		2593983592001
<input type="checkbox"/> LAMB01	8/8/2013		2593989999001
<input type="checkbox"/> Lamborghini Aventador motorized front plate kit	9/20/2013		2683416887001
<input type="checkbox"/> Lawrence Schwartz, MD - Reading tumor progression	6/21/2013		2498803964001
<input type="checkbox"/> Leigh	10/1/2013		2708809162001
<input type="checkbox"/> Leigh New Video	10/24/2013		2765098337001
<input type="checkbox"/> LionFish	4/18/2013		2310528742001
<input type="checkbox"/> LK Video	6/3/2013		2430942591001
<input type="checkbox"/> LK Video	2/7/2014		3161310618001


DELETE CHECKED UPLOAD VIDEO CREATE PLAYLIST Page Number: Page 0 (Videos 1 to 30)

**Angry Birds**

Last Updated:  
9/30/2013



CHANGE VIDEO STILL IMAGE



CHANGE THUMBAIL

VIDEO PREVIEW

Duration:  
0:19

Video ID:  
2705903263001

Short Description:  
Angry Bird trailer

Tags:  
[angry birds](#)

Related Link:

Economics:  
AD\_SUPPORTED

Date Published:  
9/30/2013

Reference ID:

EDIT

## About Coresecure

Based in Cambridge, MA, Coresecure provides marketers, technologists, and digital agencies with the tools they need to design, develop and deploy secure websites and mobile apps built on the Adobe Experience Manager (AEM) platform.