Introduction to the Kaltura Video Connector for AEM

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This article is designated for all users.

About

The **Kaltura Connector for AEM** integrates Kaltura media with **Adobe Experience Manager** as a Cloud Service.

AEM Authors can find and embed Kaltura media directly from the AEM page editor. Depending on how the connector is configured, Authors can also upload or record new media while authoring a page.

Media remains stored and delivered by Kaltura, while AEM stores the information needed to display it on the page.

Roles

The connector supports two main roles:

- **Content Creator** – Uploads and manages media in Content Hubs and makes it available to AEM Authors through a Shared Repository.
- **AEM Author** – Selects and embeds Kaltura media on AEM pages. If media upload is enabled for the AEM site, Authors can also upload media directly while authoring a page.

How it works

AEM Authors add the Kaltura Video component to a page and select media from the Kaltura media picker. Depending on the configuration, they can select media from **My Media**, a **Media Gallery**, or the **Shared Repository**.

When the AEM page is published, visitors can play the embedded media directly from Kaltura.

Deployment model

The connector is deployed as a standard AEM package and fits into existing AEM Cloud Service workflows. Deployment and setup are typically handled by a Kaltura administrator.

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For deployment instructions, see Deployment guide for the Kaltura connector for AEM (Adobe Experience Manager).

Prerequisites

To use the connector, your organization needs:

- An AEM as a Cloud Service environment
- A Kaltura Application Framework (KAF) instance provisioned by Kaltura Professional Services
- Access to a Kaltura environment that hosts your video content

For full steps, see Configure Kaltura settings for an AEM site.

Authoring experience

In AEM, authors work directly in the page editor.

Authors can:

- Drag and drop a Kaltura video component directly onto their page
- Browse, search, preview, and select media without leaving AEM
- Add multiple Kaltura Video components to the same page
- Replace existing media without affecting the page layout

Media details such as title, description, thumbnail, and captions are pulled automatically from Kaltura.

Watch a quick tutorial: Upload and embed a Kaltura video:

Performance and delivery

The connector is designed to scale with large media libraries and high traffic websites:

- Media files remain in Kaltura, keeping AEM lightweight
- AEM pages can be cached normally for peak performance
- Delivery via Kaltura's CDN ensures smooth playback everywhere
- Adaptive streaming adjusts playback quality based on device and network conditions
- The media player adapts automatically to different screen sizes

Additional features

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Analytics and reporting

Analytics for media embedded in AEM are available via the Rich Media Content Management System.

For analytics information, visit our article View Kaltura video analytics for AEM sites.

Security

Media delivery is handled by Kaltura and includes built-in security controls to help organizations manage how and where media is accessed.

Customization

The connector is designed to adapt to different organizational needs. Video players and behavior can be customized through Kaltura configuration, and advanced integrations are supported when needed.

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