Integrate AEM and Adobe Captivate Prime for a Custom Learning Experience

ABSTRACT

Offer your learners a personalized experience when you integrate your organization's AEM Sites portal with the Adobe Captivate Prime LMS, using API and the unique Embedded Fluidic Player.

Product Management, Adobe Captivate Prime
Customer Guide

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Completely customize your learning experience with AEM Sites and Adobe Captivate Prime

Take customization to another level and offer your learners a wholly bespoke experience outside the native LMS. Adobe Captivate Prime (referred to as Prime henceforth) is perhaps the ONLY System in the market that allows you to do that. If you already use AEM Sites for your organization's digital content and property, read on to learn about the benefits when you integrate it with the Prime experience.
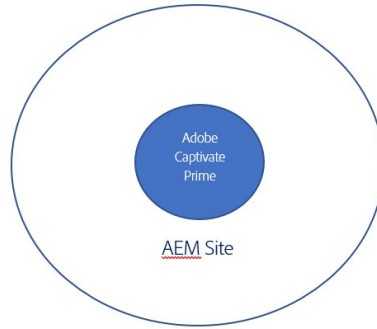
Why complete customization?

1. You are a medium to large size organization and want more than the native customization features offered by Prime.
2. You wish to offer a brand-new learning experience to an audience that includes your customers and/or partners, where your brand persona really shines through the entire experience.
3. Your learners are already aggregated onto your AEM portal such as your Intranet or any other Digital property where all your marketing / other efforts are driving traffic. It may not make sense to now redirect your learners to a new LMS.
4. Your existing AEM site offers your learners a combination of resources from Learning and Marketing, to Sales. It may not make sense to transfer all of these to the LMS. Therefore, instead of taking the Learner to the LMS, it is more efficient to take the LMS to where the learners are.

What are the benefits of complete customization?

- Create your own domain name, without reference to Prime. Now that you take learners to your own site, you can create your own domain name like https://yourbusinessvertical.com/learning which is more user friendly for your learners instead of https://captivateprime.adobe.com/yourbusinessvertical.
- UX and UI that match the rest of your digital persona. As it is your own site, you can design it to match your organization's digital image.
- Learning is brought to the user, instead of driving the user to the LMS. Learning material surfaces within the site that users frequent.

The now "headless" LMS's sole function is to serve up content and record performance.
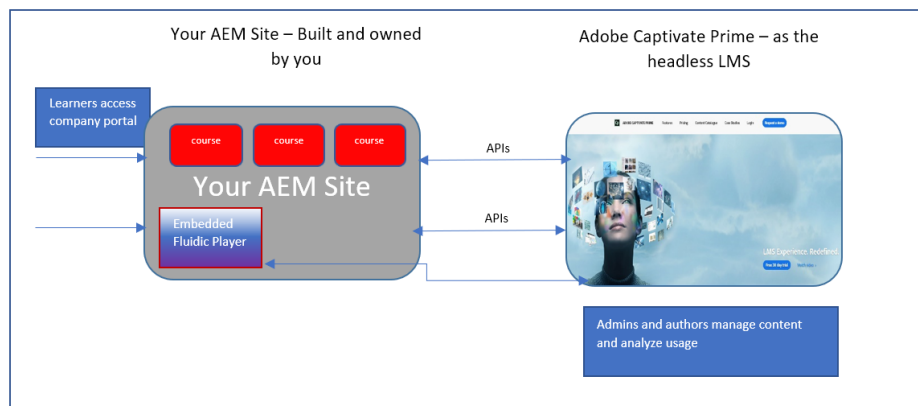
Complete customization with Adobe Captivate Prime:

Integrate the Prime training experience within your AEM Sites portal using two key elements:

1. Embedded Fluidic Player:

    o Plays all kinds of content including MP4, PPT, Word, SCORM, AICC, PDF etc.

    o Mimics YouTube's embedded player

2. Application Programming Interfaces (API)

Using Prime API you can embed the fluidic player into your portal/website. By making the requisite calls to get learner-related information such as enrollment, progress, etc., you can now recreate the complete learning experience in your own site. The fluidic player serves up the learning content and records the learning (start, progress, completion etc.) transparently back to the LMS. In this way, Prime acts as a "Headless LMS" while your site provides the overall experience.

The following is a list of APIs that Prime provides:

Prerequisites for complete customization:

- Access to development /engineering resources that can building HTML 5/Web Experiences and make REST API calls supported by Prime.

- Ability to create an app using OAuth authentication to exchange information with Prime.

Use Case Scenarios

The following are two case studies that illustrate complete customization of Prime. The first uses AEM Sites and has integrated Prime into the training portal. The second uses a different content management system, however the integration is similar and also shows how Prime can power your training requirements within your portal. (Names have been omitted to maintain customer confidentiality.)

An American Software Company's Digital University (DU)
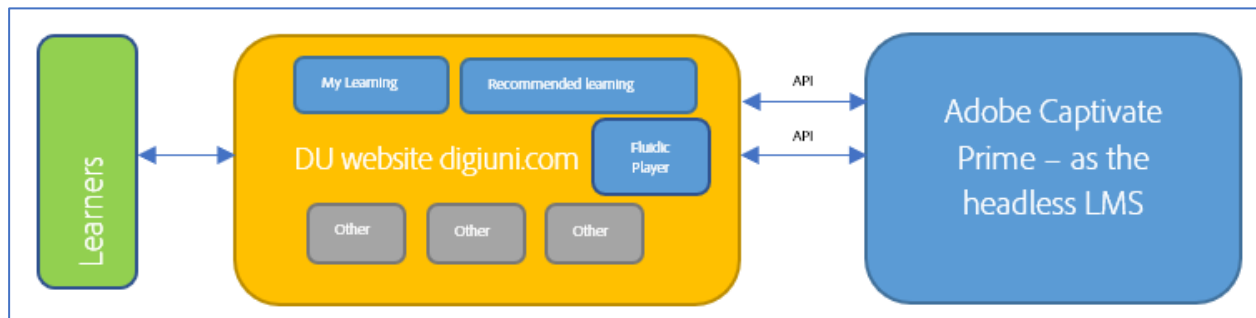

- o   Industry: Professional Training

- o   Size: 200,000

- o   Headquarters: San Jose, CA, USA

Use case: Above and beyond their training programs, DU also offers information about customer solutions, news, and role descriptions and requirements.

Solution:

- The look and feel of the website are entirely their own.

- The URL is their own.

- They use APIs to call information from Prime.

- They use the Embedded Fluidic Player to deploy course material.

- The Fluidic Player plays different kinds of content seamlessly.

- The URL has no reference to Prime.

- The "My Learning" information is called using API from the Learner Dashboard in Prime.

- "Recommended Learning" also calls information from the Prime Learner Dashboard.

- Using API, the website calls course information from the Prime app that learners can access.


An Indian Hardware Technology Company

o Industry: Professional training and coaching.

o Size: Employees 500 – 1000. Learners: 25000 plus.

o Headquarters: Bangalore, India. They have over 200 centers located across India, Africa and China.

Use case: A premier training institute with some of the most comprehensive training programs in the software and hardware industries. Their online portal has various verticals:

- A training institute powered by Prime.

- Cloud laboratories where users can try out cloud-based tools and be evaluated.

- Data storehouse of 2000+ technologies.

- Mentor service where users may access experts for various trainings.
  Solution:

o The user accesses the company portal and transitions seamlessly from one vertical to the next.

o When a user logs in to the training platform, the "web-wrapper" draws information using APIs provided by Prime, allowing them access.

o The User Interface uses APIs to call information from the Prime app.

o The URL displayed on the landing page belongs to the organization's website and does not indicate Prime.

o The course images/tiles are drawn from Prime.
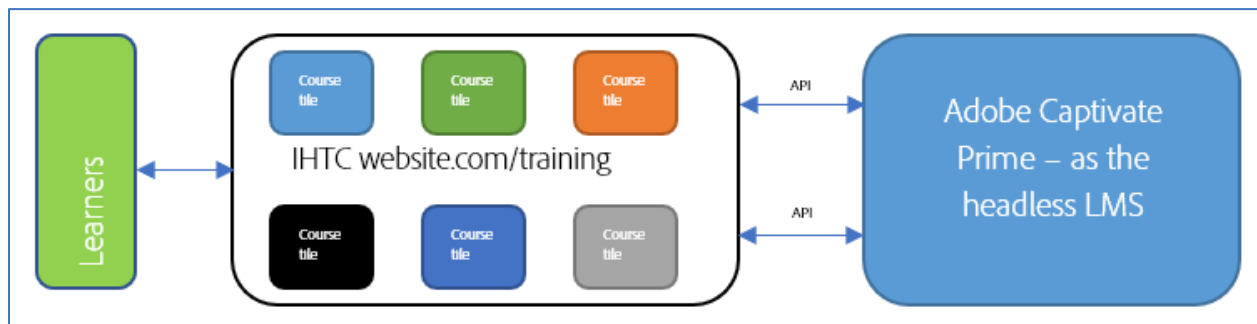
In Summary:

The headless avatar of Adobe Captivate Prime is extremely useful when your AEM Sites portal includes but is not limited to a training vertical. An organization that offers diverse platforms and data sites, that wishes to integrate training within a larger platform, is one that can fully optimize the various functionalities of a "headless" LMS. The embedded fluidic player along with APIs that call information from the engine that is Adobe Captivate Prime, are the key differentiators that set this LMS apart.