

**The client is a multi-national technology company.**

## CONTEXT

The customer needed to create an ecosystem of related applications to deliver several services in the learning domain. The application hosted for providing these services are in house developed, and some of those are 3rdParty applications as well. There was a need to create a gateway for user provisioning and Single Sign On into the application.

## SOLUTION

A portal to manage (create/delete/modify/...) users on a Single Sign-On server was developed. Several third-party applications integrate with the SSO solution, and this portal is used as the gateway for SSO across applications. The Portal was developed in Drupal and JA-SIG's Central Authentication Server was used for implementing Authentication for SSO. Users could be created over the Portal and access provisioned to several cloud hosted applications. APIs were provided for Applications to connect with the CAS server. CAS is a Java-based server component that is open source, widely used, simple to understand, platform independent and supports proxy capabilities. Drupal integrates very well with CAS, from the portal the user is redirected to the CAS login/logout screens. It also handles ticket validation after successful login to CAS. The applications make use of the SSO by implementing an API provided by the SSO application. The solution integrates well with any third party applications by implementing an API.

## HIGHLIGHTS

- Independent SSO and authentication solution to which new applications can be connected as and when they get added into the cloud ecosystem.
- The objective was achieved through Open Source Integration without any licensed components.

### Vertical

- Application Development & Maintenance Appliances

### Technologies

- PHP, Drupal
- CAS