

## Indiana U Extends Central Authentication Service

By Leila Meyer • 05/21/14

The Central Authentication Service (CAS) at Indiana University now includes new identity and access management (IAM) features such as **two-factor authentication**, password policy management and **federated identity**.

CAS is an open source Web single sign-on system for colleges and universities. Indiana University collaborated with Unicon, a provider of CAS services and support, to develop the new IAM features for the university. Source code for the features will be contributed back to the CAS community through Unicon's Open Source Support program [[www.unicon.net/opensource/cas](http://www.unicon.net/opensource/cas)].

One of the new extensions provides two-factor authentication, which requires a second stage to authenticate a user, in addition to a password. According to the company, "two-factor authentication enhances the security of the IT infrastructure by restricting access to resources to only those designated to have access by the university." Other new features include prompted password changes and restricted federation access.

CAS was originally developed by Yale University and is now managed by the Apereo Foundation for open source software for higher education. According to Jacob Farmer, manager of the identify management systems group at Indiana University, "CAS is a significant part of [Indiana University's] overall identity and access management infrastructure." **With the contribution of these features back to the CAS open source community, other universities facing IAM challenges will be able to take advantage of them.**

Further information about the Central Authentication Service can be found on the Apereo Foundation's site [[www.apereo.org/cas](http://www.apereo.org/cas)].