

# University of Notre Dame

Cirrus Identity for Faster Okta Implementation

## The Business Pain Point

The University of Notre Dame had hundreds of applications using CAS for Web Single Sign-On and SAML (via Shibboleth) for InCommon federated applications.

To support a cloud first strategy, Notre Dame chose Okta as their primary Identity Management solution.

The Okta Identity solution had 2 gaps:

- Didn't integrate with the InCommon trust federation
- Didn't support applications using CAS

The conversion of the Notre Dame CAS applications to use SAML and the newly purchased Okta Identity Solution was anticipated to take over 2 years.

Notre Dame needed an Identity-as-a-Service solution to speed up the migration to cloud identity.

### WHAT PEOPLE ARE SAYING

“ It was a top priority to shorten the implementation time frame. ”

*Michele Decker, Manager, IAM Services*

## How did Cirrus Identity Help?

The University of Notre Dame utilized the Cirrus Identity Bridge solution to fill the gaps with Okta. This allowed them to quickly implement and begin yielding infrastructure and support savings.

The Cirrus Federation Bridge supports multi-lateral federations like InCommon and EduGAIN, allowing Notre Dame to migrate to Okta and still maintain their existing InCommon Identity Provider.

The Cirrus CAS Bridge enabled SSO via Okta to over 100 CAS-enabled applications so that Notre Dame could expedite their Okta implementation.

Cirrus provided expert guidance and over 150 Service Provider Integrations were configured and tested over a few months. The actual migration was handled via a simple DNS change on the cutover weekend.

### WHAT PEOPLE ARE SAYING

“ Cirrus was fantastic and very flexible in thinking about ways to execute the solution. ”

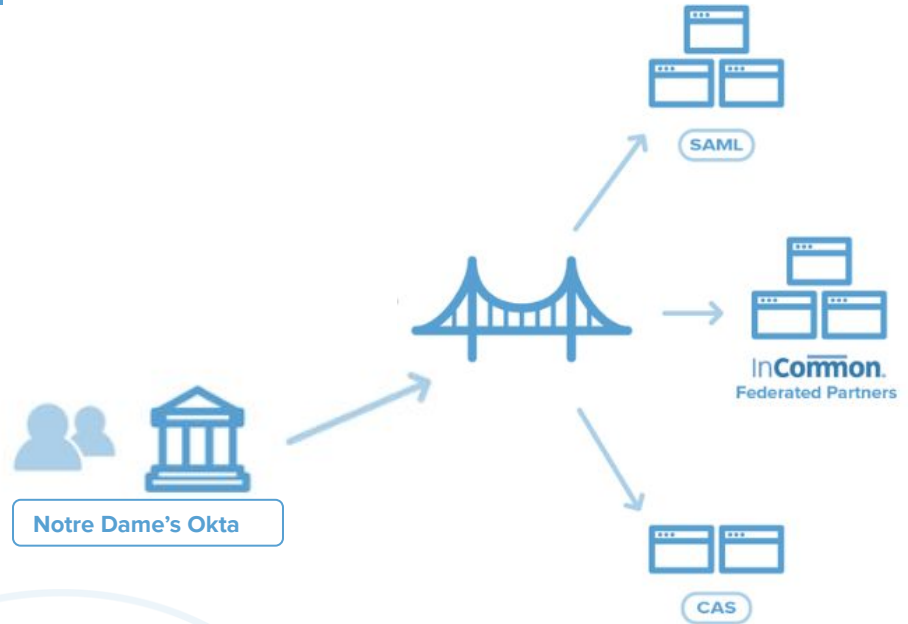
*John Schrader, Cloud Engineering Specialist*

## The Cirrus Identity Bridge Solution - Federation without Frustration

The Cirrus Bridge allowed Notre Dame to maintain their existing InCommon registration while moving to Okta for their Identity Provider.

The Bridge service maps attributes (first name, last name and eduPersonPrincipalName) from Notre Dame's Okta instance into the format expected by InCommon and CAS applications.

From a technical perspective, the Bridge acts as an Identity Provider to Service Providers in InCommon and as a Service Provider to Okta at Notre Dame.



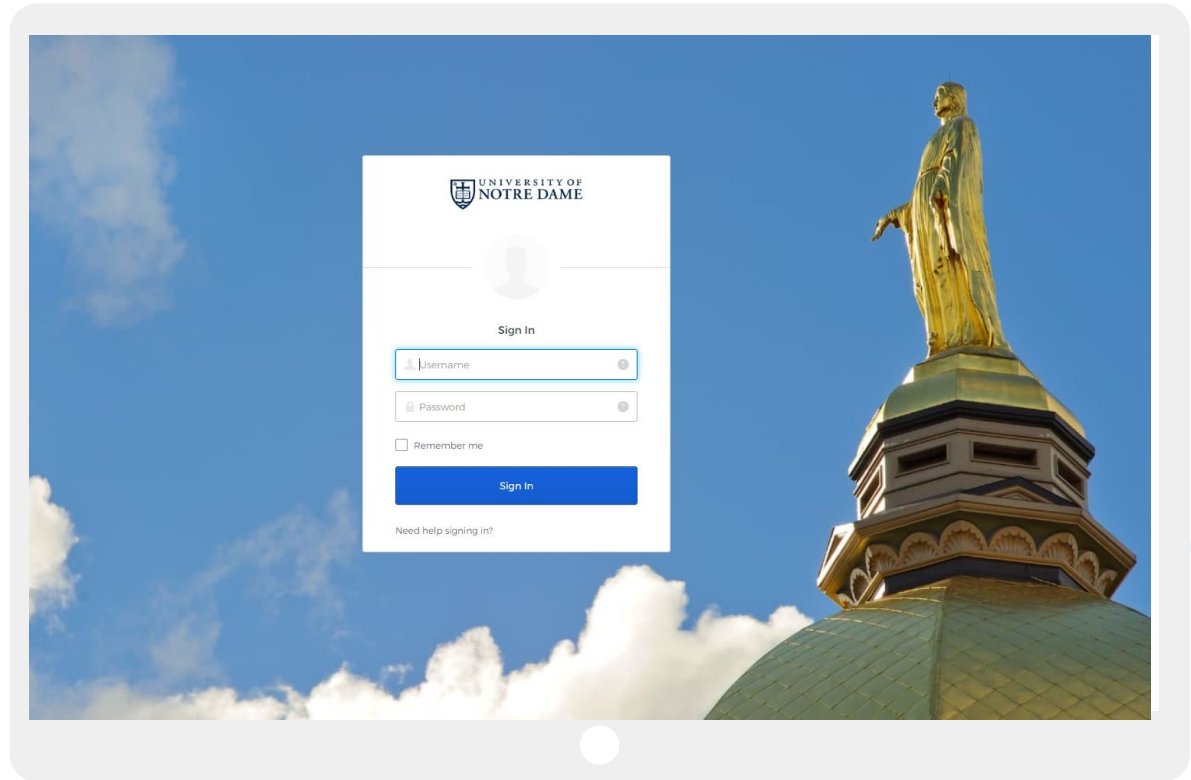
## What do users see?

The end users see no change!

Users see the same Okta login screen as they would for any other SSO-protected application.

“It was a seamless implementation. There weren’t any blockers. Cirrus helped develop the migration plan and everyone was available for the cutover weekend.”

*Michele Decker, Manager, IAM Services*



# Implementation Process

## Assessment

Initial assessment of environments, applications and implementation timelines.

## Setup

Setup the QA environments, provide Cirrus expertise and documentation for implementation.

## Testing

Campus coordinated testing with IAM and application teams.

## Cutover

Cutover review with Cirrus and campus and coordination for real-time support during cutover.

## Support

Ongoing support for questions, issues or new feature requests.

## Cirrus Bridge Implementation Benefits

- Faster implementation allowed Notre Dame to quickly benefit from their investment in Okta.
- Enable Notre Dame to retire the local SAML IdP deployment.
- Enable Notre Dame to retire their CAS infrastructure in a phased approach, independent of the Okta go-live timeline.
- Architecture support thorough QA testing by campus staff on their timeline.
- The cutover requires minimal downtime - only the time it takes for campus DNS servers to refresh.
- Architecture supports a “big bang” implementation or an implementation that allows for CAS and Shib applications to be deployed at separate times.
- The 2 Cirrus Bridges can support different user and multi-factor authentication requirements via the Okta configuration portal.

# Implementing Okta and need a speedy solution for CAS and InCommon Federation?

## Resources:

- [Request a Demo](#) of Cirrus Identity Bridge service
- Email [cirrusidentity@cirrusidentity.com](mailto:cirrusidentity@cirrusidentity.com) to schedule time to talk to us and/or customers that have implemented.