

tridentHE™

The Identity Solution for Higher Education

Federated Identity Appliance for Higher Education



Key Features

- Integrates with existing authentication systems such as Microsoft Active Directory™ and LDAP, allowing the user to have a single login identifier that works with third party applications through the InCommon Federation
- All inclusive: hardware, software, implementation and support
- Fixed fee
- Rapid install
- Built on Shibboleth, a standards based, open source software package
- Integrates with TridentHE IAM Suite to provide a complete IAM solution: provisioning, password management, and single-sign-on

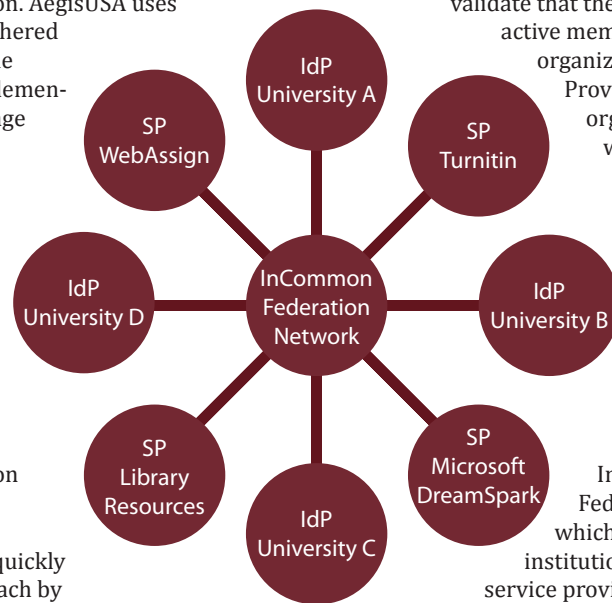
The TridentHE Federated Identity Appliance for Higher Education is an integrated hardware and software solution for Federated Single Sign-on (SSO) via the InCommon Federation designed for high availability, low risk and future scalability. The Appliance requires minimal configuration to integrate and uses existing campus identifiers for authentication of users (e.g. AD or LDAP). The Appliance is based on Shibboleth, a standards based, open source software package designed for the specific needs of Higher Education. AegisUSA uses information gathered through multiple Shibboleth implementations to package best practices, tuning settings, and configurations into the appliance making it a plug and play installation.

The Federated Identity Appliance for Higher Education provides an opportunity for universities to quickly expand their reach by providing turn-key infrastructure necessary for enabling federated/ external SSO to InCommon Federation's member service providers. Universities are continually challenged to provide students, faculty, and staff with access to protected external

resources such as Apple iTunesU, Turnitin, external libraries and other collaborative resources. Federated identity, also known as external single sign-on, eliminates the need for organizations and partners to manage accounts, passwords, and credentials for this external access through the use of single sign-on using existing, internal university credentials. Federated SSO consists of Identity Providers (IdPs) and Service Providers (SPs). An identity provider handles the authentication of the user to

validate that they are indeed an active member of the IdP's organization. A Service Provider represents an organization wishing to allow external users to access their resources (e.g., Microsoft Dreamspark).

In the U.S., the research and education community has established the InCommon® Federation through which higher education institutions and their service provider partners agree on a set of shared policies, processes, and technology standards. One of those standards is a process for single sign-on, so one set of credentials provides access to resources from any service provider in the Federation, without the need



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tridentHE™ Federated Identity Appliance for Higher Education

for another user ID or password. InCommon Federation provides a valuable service to both universities and their partners by acting as a hub for multiple federation partners. Without InCommon Federation, each university would need to create a point-to-point federation with each service provider, increasing cost and complexity for both the universities and the service providers.

Summary

The TridentHE Federated Identity Appliance for Higher Education provides an opportunity for universities to quickly expand their reach by providing turn-key infrastructure necessary for enabling federated/external SSO to InCommon Federation's member service providers.

Key Features

- Integrates with existing authentication systems such as Microsoft Active Directory™ and LDAP, allowing the user to have a single login identifier that works with third party applications through the InCommon Federation
- All inclusive: hardware, software, implementation and support
- Fixed fee
- Rapid install
- Built on Shibboleth, a standards based, open source software package
- Integrates with TridentHE IAM Suite to provide a complete IAM solution: provisioning, password management, and single-sign-on
- Scalable to hundreds of web applications, both internal and external to the organization's network.

Features

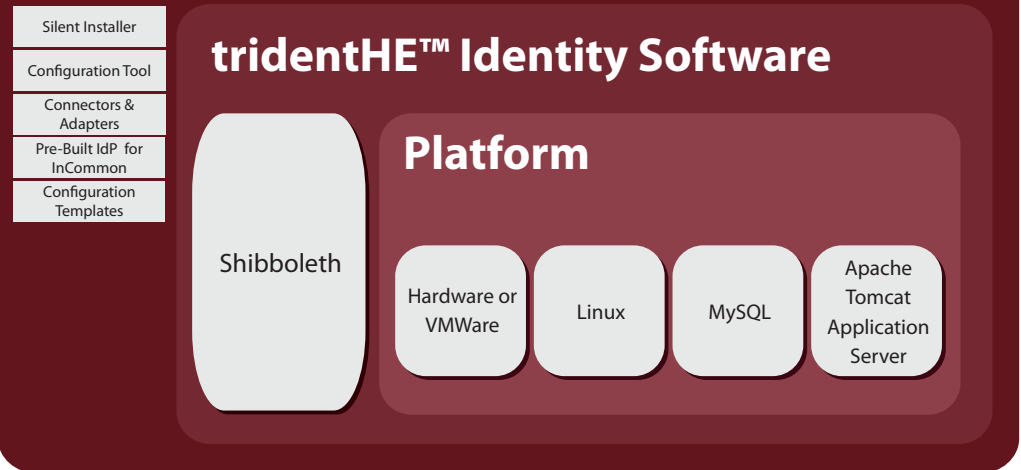
- Built on Shibboleth
- Appliance form factor
- Full featured federated identity solutions
- Scalable appliance

Benefits

- Lower risks
- Lower Total Cost of Ownership (TCO)
- Implementation within 30 days
- Immediate infrastructure to quickly join InCommon
- Single vendor support across, software, hardware and implementation
- Minimize professional services required to go live
- Leverage existing credentials in new applications
- Provide immediate applications to students seamlessly
- Reduce need to train internal resources
- Integrates with other Trident appliances to provide SSO, Provisioning, Password management, etc.
- Open architecture allow multiple support models

Appliance Architecture

tridentHE™ Appliance Software



Hardware Specifications

Appliances for redundancy.....	2 (standard)	Operating System.....	Linux
Rack mount Chassis.....	1U	Other Options:.....	User Provided
Ethernet	2xGigabit		Hardware –
Disk Drive Quantity.....	1		per above
Disk Drive Specifications	150 GB		spec and Aegis
	SATA/10,000	VMWare Option	approval
	RPM		Yes
Power Supply.....	1		



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