

Sun and AegisUSA

Best-in-class identity management solutions for education

Security in today's accessible world

The need to safeguard critical information assets has become a real challenge for educational institutions. Additionally, institutions must achieve a strong and sustainable compliance posture and therefore need an effective and integrated identity management solution.

The trend toward increased access to information systems and Web services by students, faculty, staff, and alumni isn't going to change, so the need to open up access to more users in more ways — without compromising security — becomes increasingly clear. Educational

Best-in-class identity management solution

Together, Sun and AegisUSA offer a continuum of identity management solutions at price points from \$50,000 that educational institutions can seamlessly implement to provide secure access to all of their users — for less money and in less time than traditional implementation providers.

Sun offers a pragmatic approach for solving today's everyday identity management issues while positioning your institution for the growth challenges of tomorrow. Educational institutions

Together, Sun and AegisUSA offer a complete identity management solution that can be seamlessly implemented, enabling educational institutions to provide secure access to all of their users – for less money and in less time than traditional implementation providers.

Highlights

- AegisUSA Identity Solution Continuum provides identity solutions starting at \$50,000
- Identity appliances bundle hardware, identity management software, and configuration services into a single package
- AegisUSA understands the challenges that a college or university faces when implementing an identity management solution:
 - Secure access to applications, both on and off campus
 - Various roles and user requirements
 - Protecting identities and resources
 - Regulatory adherence
 - Provisioning
 - Unique operational requirements and complexity

institutions must also address the increased risk in data-related network security incidents and data breaches as a result of today's networked world.

The right approach to identity management makes this possible by enabling institutions to effectively and securely manage user identities for all users throughout the extended campus enterprise. With the right security partner, your institution can streamline the process of implementing this technology, making it easy to:

- Manage user identities across a variety of applications
- Deliver provisioning and secure access
- Ensure ongoing compliance
- Enable federation for sharing beyond boundaries

can count on Sun's flexible, market-leading identity management solutions to maintain security, mitigate risk, and reduce costs.

Sun's identity management product line includes capabilities for provisioning resources, controlling access, managing directory services, delivering identity auditing data, and creating reusable identity administration services to streamline collaborative application development. Sun's identity management solution provides the solid foundation needed for a truly secure environment.

| Identity Appliance Solutions | Predefined IAM Solution | Custom IAM Solution | Managed Delivery | IAM as a Service |
|---|---|---|---|---|
| Starting at \$50,000 | | | Sold as service | Sold as service |
| Solutions available: <ul style="list-style-type: none"> • Password management • Single Sign-on (SSO) • Federated Identity InCommon® Quickstart • Google Apps provisioning Hardware configured | Functional menu: <ul style="list-style-type: none"> • Provisioning • Directory services • SSO • Roles • Compliance • Federated identity | Functional menu: <ul style="list-style-type: none"> • Assessment • Provisioning • Directory services • SSO • Role management • Compliance • Federated identity | Functional menu: <ul style="list-style-type: none"> • Assessment • Provisioning • Directory services • SSO • Role management • Compliance • Federated identity | Functional menu: <ul style="list-style-type: none"> • Assessment • Provisioning • Directory services • SSO • Role management • Compliance • Federated identity |
| Future solutions: <ul style="list-style-type: none"> • Active directory management • SOX compliance • SharePoint account management • ERP account management | AIS software | AIS software | | |
| | Professional services | Professional services | Professional services | Professional services |
| | Training | Training | | |
| Ongoing support | Ongoing support | Ongoing support | Ongoing support | Ongoing support |
| 30-day deployment | 60–120-day deployment | >120-day deployment | | |

Figure 1: AegisUSA Identity Solution Continuum.

“In support of a critical new student application, including the implementation of fine-grained PeopleSoft authorization within a demanding timeframe, we turned to Sun and AegisUSA to leverage the broad capabilities of Sun Identity Manager with the deep expertise encapsulated in the AegisUSA higher education framework.”

— **John Baines**
 Assistant Director,
 Security and Compliance Unit,
 Office of Information Technology,
 North Carolina State University

AegisUSA builds on Sun’s solid security infrastructure with AegisUSA Identity Solution Continuum. AegisUSA’s solutions range from appliance-based solutions to complete implementations tailored to the customer’s exact requirements.

Identity appliances

AegisUSA has created a unique offering in the identity and access management (IAM) space with Aegis identity appliances. These solutions represent a radical reduction in solution pricing from traditional implementations. These appliances bundle hardware, identity management software, and configuration services into a single package, providing customers with “point solutions” while reducing the cost of entry into an enterprise-class identity management system.

Key benefits include:

- Ability to get into production in less than 30 days

- Scalable — built on enterprise-class software
- Foundation for further expansion
- Open architecture
- Requires minimal professional services to deploy
- Provides customers with quick wins

The keys to Aegis’ identity appliances are the power, flexibility, and scalability of an enterprise-level IAM solution that can be expanded as requirements emerge and funding becomes available.

The appliances enable clients with existing investments in directory services, provisioning, and authentication to enhance their IAM capabilities with new features such as SSO, self-service, federation, and provisioning to the cloud.

| Password Management | Single Sign-on | Federated Identity InCommon Quickstart | Google Apps Provisioning | Appliance Form Factor |
|---|---|--|---|---|
| <ul style="list-style-type: none"> • Full-featured password solution • Improves user experience and security • Reduces help-desk calls • Increases productivity | <ul style="list-style-type: none"> • Full-featured SSO solution • Reduces the number of authentications required • Provides seamless transition for users between heterogeneous applications | <ul style="list-style-type: none"> • Provides complete infrastructure to join InCommon • Reduces need to train resources on Shibboleth® • Enterprise-class hardware and software for future IAM needs | <ul style="list-style-type: none"> • Full set of account management tools for Google's cloud • Utilizes customer's existing provisioning and directory • Includes forms and workflow to manage guest/contractor access | <ul style="list-style-type: none"> • Reduced complexity and administration costs • Single vendor for support across hardware, software, and implementation • Includes full Sun Identity Suite for future needs |

Figure 2: AegisUSA identity appliance solutions.

Predefined IAM solutions

AegisUSA's predefined IAM solutions are built from lessons learned and best practices in over 50 IAM implementations. They've taken the most sought-after functionality and common requirements to create a "predefined" IAM system. This approach minimizes the customization and professional services involved with deploying IAM solutions, by limiting the areas allowed to be "customized."

This solution includes a guided requirements workshop during which clients are led through the product, with explanations as to which areas can be customized and which are already defined. The workshop is vital, as it harnesses the power of AegisUSA technology-enabled software and expertise for a successful implementation. It provides a blueprint for the final IAM implementation and ensures consistency between AegisUSA deliverables and the customers' vision.

The following are examples of predefined IAM solutions that AegisUSA offers today:

- Automated provisioning
- Password management
- SSO
- Federated identity
- Identity reporting
- Virtual directory services
- Role management and role-based access control
- Compliance management

Custom IAM solutions

AegisUSA has worked with more than 50 clients in higher education, designing identity architectures that support the goals and philosophies of the respective schools. In the majority of instances, the focus of the university encompasses student/faculty/staff/alumni lifecycle management. The roles and the access that should be granted to the individual are associated to managing a user's lifecycle. Additionally, universities are working to broaden their relationships both within their unique IT environment and with other institutions.

AegisUSA leverages its experience to benefit existing and new customers. Its consulting team has acquired its subject matter knowledge through its nation-wide experience with universities and the applications common to many institutions.

A winning combination

Implementing an identity management (IdM) solution with Sun and AegisUSA significantly decreases the time and cost associated with a traditional IdM implementation. The revolutionary AegisUSA Identity Solution Continuum provides new implementation options that lower the barriers of entry to an enterprise-class IAM solution.

Sun and AegisUSA understand the challenges that educational institutions face when implementing an identity management solution, including:

- Secure access to applications from on and off campus
- Various roles and user requirements
- Protecting identities and resources
- Regulatory adherence
- Provisioning
- Unique operational requirements and complexity

Commitment to education

At Sun, our vision is to eliminate the “digital divide” that prevents people from getting an education because they don’t have access to the right technology or the right information. Bridging this divide accelerates everyone’s ability to join the Participation Age, enabling us to learn, share, interact, and solve problems together. To fulfill this vision, Sun’s mission is to help customers build the

Digital Campus, a unified campus network in which individuals can interact and collaborate — no matter where they are — in a seamless, secure, personalized environment for enhancing learning and achieving. Sun and AegisUSA have joined forces to provide the combined technology and services to successfully implement an identity management solution for your educational institution today.

Learn More

To learn more about Sun in the education industry, go to: sun.com/education.

To learn more about AegisUSA, go to: www.aegisusa.com.