



## The Higher Education Institution Experience

Higher education institutions disclose the loss of millions of private records each year. Protection of financial aid records, research data, student records, and the overall confidentiality, integrity, and availability of critical data and IT infrastructure remains an ongoing battle.

Security experts no longer view cyberspace security as solvable with point products alone, but instead realize that it requires a comprehensive solution incorporated throughout the IT infrastructure. Despite the generally sophisticated security strategies and the knowledgeable security staffs employed by higher education institutions, there is still room for improvement.

## What Is Cisco Cyberspace Action for Education?

The Cisco® Cyberspace Action for Education (CAFE) initiative promotes Internet security awareness in the education community. CAFE arms students, parents, and school administrators with information they need to help them improve online security. Furthermore, the Cisco CAFE initiative delivers the Cisco SAFE Security Architecture for Education, a comprehensive approach with holistic solutions to help the education community address its most pressing security issues.

## Why Should I Care About Cybersecurity?

Schools face significant challenges in cyberspace security. Malicious online content threatens the well-being of students as they go online. Network attacks cause exposure and loss of confidential data such as student records and personal information. Network infections jeopardize the stability of school networks.

CAFE is an architecture-based solution that provides carefully engineered and thoroughly tested Cisco Validated Designs for higher education institutions. These Cisco Validated Designs, along with Cisco's broad portfolio of security products and professional services, deliver a complete cybersecurity solution for higher education.

## Cisco Services for CAFE

Cisco and our partners help higher education organizations meet their unique security needs, including compliance with mandates and protection from cybersecurity and physical security threats and include:

### Cisco IT GRC Security Assessment Service

This service provides the following benefits:

- Reduce risk and the cost of security and compliance by aligning business and technology Information protection strategies.
- Realize the benefits of a comprehensive IT GRC security program through the development of a common control framework, review of security polices, architecture assessments, and posture assessments.
- Address the following regulations and standards as well as others that might apply to your organization:
  - Family Education Rights and Privacy Act (FERPA)
  - Security Management (ISO 27001)
  - Security Techniques (ISO 27002)
  - IT Governance (ISO 38500)

### Cisco Services for Network Admission Control

These services help you plan, deploy, and maintain your Cisco NAC solution through three activities:

- Security Planning, Design, and Implementation
- Cisco Security IntelliShield Alert Manager Service
- Cisco Security Optimization Service

### Cisco ASA Migration Services

Migrating to the Cisco ASA 5500 Series calls for detailed planning and care during critical migration change windows. Expert guidance and support improve migration accuracy and completeness and ease transitions.

Cisco offers two ASA Migration Services for large and small deployments:

- Cisco ASA Remote Migration Service for organizations with advanced skills or a limited number of firewalls
- Cisco ASA Large-Scale Migration Service for extensive support that can be delivered remotely and onsite

## Cisco Services for the IronPort Web Security Appliance

These services help organizations plan, and successfully implement, a Cisco IronPort Web Security Appliance (WSA) solution in their networks through the following activities:

- Expert assessment of existing web access policies and web malware-filtering capabilities against institutional regulatory requirements and best practices
- Design of a WSA-based solution that brings your institution into compliance with its regulatory and best practice requirements
- Implementation of your WSA solution, as well as knowledge transfer

## For More Information

Cisco CAFE Services are available globally. Service delivery details might vary by region.

For more information about this and other Cisco Security Services, contact your local account representative or visit [www.cisco.com/go/services/security](http://www.cisco.com/go/services/security).

