

# Maintaining a Secure Environment for Higher Education

Colleges and universities are hubs of knowledge, research and innovation. However, along with these notions come a complex set of security risks and requirements. Educators and students alike are amongst the greatest consumers of IT resources (and are also the greatest source of potential security incidents). It is not surprising, therefore, that many institutions of higher learning are struggling to keep their environments fully secure. Consider some of these challenges:

**Compliance.** Aside from FERPA regulations protecting student education records, many schools also provide healthcare services, food services, retail operations, etc. This can expose a school to a myriad of additional, rapidly changing compliance requirements from HIPAA (protecting healthcare records) to PCI standards (safeguarding credit card and other financial information).

**Infrastructure.** A typical university supports a wide array of different users within their network, many of whom require broad access to resources. This includes preeminent researchers who need significant storage and compute power and students who often demand the same. All represent potential points of risk.

**Response.** Given the differentiated stakeholders that these institutions support, and their global exposure, security incidents are a frequent occurrence. While most of these incidents are handled internally without impact (e.g., a small virus), others may rise in visibility and

cause harm. Incident management can become a burdensome responsibility as threats grow in frequency and severity.

**Cost-effectiveness.** Colleges and universities must always be budget-conscious. The unpredictability of funding sources and the scrutiny with which every dollar is spent requires that any technology solution be cost-effective. Too often security-related investments are seen as costs, with limited understanding of potential long-term benefits.

Security and Compliance Services from Sungard Availability Services ensure that institutions of higher learning are in a perpetually secure state. Security and Compliance Services cover all potential security needs, from compliance consulting to incident management and infrastructure protection. These Services enable institutions to determine gaps in their existing security profile and refocus staff on the strategic projects needed for an evolving educational landscape.



## Sungard AS Security Services Key Offerings

### Information Security Consulting Services

- Information Security Strategy and Design
- Information Security Assessments
- Information Security Remediation

### Managed Security Services

- Managed Firewalls and Virtual Private Networks
- Intrusion Protection and Detection
- Identity and Access Management
- Managed SIEM (Security Information and Event Management)

### Compliance and Certifications

- Assistance in achieving compliance
- Datacenters compliant with all relevant frameworks and mandates

By partnering with Sungard AS for Security and Compliance Services, colleges and universities gain access to experts who will help navigate an increasingly complex security landscape, security solutions that augment existing security capabilities and, if needed, an IT platform architected, engineered, and compliant with the highest standards required for institutions of higher education.

#### **Information Security Consulting Services**

The Sungard AS Information Security Consulting practice is one of the few that can deliver all the components of a comprehensive information security program. From penetration testing and vulnerability assessments (used to look for gaps and risks in security) to advisory support, Sungard AS will deliver a holistic information security strategy that helps colleges and universities better manage the security, privacy, and compliance risks of their data.

#### **Managed Security Services**

Sungard AS IT security specialists work with colleges and universities to review all security and compliance needs, then custom-build a Managed Security Service that fits and is

cost-effective for any institution. All Sungard AS Managed Security services and solutions are backed by ISO-certified best practices and provide multiple layers of security.

#### **Compliance and Certifications**

Sungard AS understands that preparing for, achieving, and maintaining IT compliance is a top issue for higher education. Sungard AS has developed expertise and capabilities for the most commonly requested ones – including FERPA, HIPAA, and PCI compliance, and all of Sungard AS datacenters are fully compliant with all leading frameworks and mandates. Choosing Sungard AS as a partner means institutions can more easily achieve and maintain compliance in a cost-effective way.

To learn more about our Security Services, visit [www.sungardas.com/securityservices](http://www.sungardas.com/securityservices).

## **Security and Compliance Services Benefits**

- Benefit from a consultative and tailored analysis accounting for gaps and risks
- Understand what the most pressing security threats are for colleges and universities
- Counter the increased likelihood of a successful cyber attack
- Choose optional managed security services to augment staff and capabilities
- Leverage compliant datacenters, infrastructure and cloud
- Increase security investment cost-effectiveness

#### **About Sungard Availability Services**

Sungard Availability Services provides managed IT services, information availability consulting services, business continuity management software, and disaster recovery services.

To learn more, visit [www.sungardas.com](http://www.sungardas.com) or call 1-888-270-3657

#### **Trademark information**

Sungard Availability Services is a trademark or registered trademark of SunGard Data Systems or its affiliate, used under license. The Sungard Availability Services logo by itself is a trademark or registered trademark of Sungard Availability Services Capital, Inc. or its affiliate. All other trademarks used herein are the property of their respective owners.

#### **Connect with Us**

