sentrigo™

Database Protection for Academic Institutions
Protect Sensitive Data Against Data Breaches and Theft

Insider Threat

Auditing

SQL Injection

Privacy

SAS 70

Monitoring

Virtual Patching

Sarbanes-Oxley

PCI DSS

Breach Prevention

HIPAA

Sentrigo's Hedgehog™ database activity monitoring and intrusion prevention software protects educational institutions against database breaches and the theft of sensitive data.

With tens of thousands of records containing sensitive data stored within vulnerable databases, universities and colleges are prime targets for data theft. Sentrigo's Hedgehog database security software greatly reduces the risk of data theft by protecting databases both against misuse by insiders as well as against outside intruders.

Sentrigo Hedgehog provides full visibility into all database activity, including local privileged user access. It protects the database in real-time with actionable alerts and prevention capabilities that allow academic institutions to immediately detect suspicious activity, enforce security policies and comply with regulatory requirements, such as PCI DSS and HIPAA for student and faculty payment and health records.

Solution Highlights

> Real-time alerting and prevention of attacks and data theft

> In-depth protection of sensitive data at the object level

> Virtual patching that addresses DBMS vulnerabilities

> Deployments from a single database to thousands of databases

> No degradation in database performance

Sentrigo's Hedgehog solution protects sensitive data by:

■ Monitoring and alerting on all database activities in real time, including all local access by privileged users

■ Providing virtual patching for database vulnerabilities, with no need for downtime

■ Automating and speeding up time to compliance with regulatory requirements

Download a free trial version of Hedgehog Enterprise from our website:

www.sentrigo.com

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Virtual Patching

Monitoring   Sarbanes-Oxley

Breach Prevention   PCI DSS   HIPAA

Sentrigo's Hedgehog monitors databases, protects private data from intrusion and accelerates compliance with regulatory requirements.

Secure the database to protect data privacy

Universities and colleges are especially vulnerable to data theft. Stored data, Personally Identifiable Information (PII), such as private information about students, faculty, staff and alumni, including financial and aid information, academic records and grades, are particularly inviting to criminals and opportunistic hackers. A transient population can also make tracking and control difficult. The result is an ongoing string of highly publicized data breaches.

Database breaches come at a cost

Databases attract cybercriminals because PII can be used for fraud, identity theft and as a tradable commodity. Stolen information can expose individuals to great financial, and even personal, risk. PII data breaches can also expose institutions to liability. Since 2003 and starting with CA SB1386, the majority of U.S. states have laws mandating privacy breach notification. Breached institutions must now incur the material costs of notification and penalties for the data breaches, in addition to suffering damage to their reputations.

How Hedgehog helps prevent breaches

Hedgehog monitors all database activities, including privileged users with local access, in real time. IT security personnel can be assured of complete visibility of user activity on all monitored databases. Hedgehog issues alerts about abnormal user activity and can also stop it in its tracks. Sentrigo's virtual patching capability protects databases against multiple attack vectors, such as SQL injection and buffer overflow. The result is automated database defense against misuse and intrusion.

Examples of Data Breaches at Academic Institutions

Date	Institution	Type of Breach	Data Breached
June 2008	Oregon State University	Website hacked	PII of 4,700 online bookstore customers
May 2008	Oklahoma State University - Stillwater	Database attack	PII of 70,000 individuals on parking server
March 2008	Antioch University	Database attack	PII of 70,000 students and staff
January 2008	University of Georgia	Database attack	PII of 4,250 students and alumni
July 2007	University of Michigan	Database attack	PII of 5,500 students
June 2007	University of CA, Davis	Database attack	PII of 1,120 applicants
June 2007	University of Virginia	Database attack	PII of 5,735 faculty
May 2007	University of Colorado	Database attack	PII of 45,000 students
May 2007	University of Missouri	Database attack	PII of 22,396 students and alumni
December 2006	UCLA	Database attack	PII of 800,000 students, alumni, staff, applicants

Contact Information

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