

# Education

## Analyzer

**Vanguard Analyzer is security software for expert level, vulnerability assessments of security controls and settings with the ability to produce fast system snapshots and audit results in literally minutes. Vanguard is the choice of educational institutions globally in eliminating vulnerabilities in large enterprise implementations to help assure Regulatory Compliance.**

## Higher Education

The mainframe remains many university's central administrative computing core. The mainframe runs nearly all of many universities administrative applications, including:

- Billing
- Course descriptions
- Data warehousing/Project IQ
- Financial aid
- Student admissions and registration data
- Student records and evaluations

Because educational IT systems accordingly hold a considerable amount of PII or Personally Identifiable Information that can be utilized for various forms of fraud, it's no surprise this data is frequently sought by hackers. With this in mind, the PRC or Privacy Rights Clearinghouse database notes there were 727 breaches involving educational institutions that were made public in the period 2005 –2014, involving more than 14 million breached records. Surprisingly, this makes the educational domain the second most breached industry after healthcare according to the Privacy Rights Clearinghouse.



# Education

## WHAT ARE THE IMPLICATIONS OF THESE BREACHES? LOSS OF ALUMNI DONATIONS, AND A REDUCTION IN NEW STUDENTS APPLYING AND MORE

The potential direct financial costs of a data breach include legal representation, fines (depending on the nature of the breach), and the expense of notifying affected individuals. That said, there are also organizational losses in reputation and consumer confidence. Particularly important for higher education institutions are the reputational consequences, which could result in a loss of alumni donations and even a reduction in the number of students choosing to apply to or attend the institution.

## WHAT SHOULD EDUCATIONAL INSTITUTIONS DO TO PREVENT HARMFUL AND EXPENSIVE BREACHES?

Given the Higher Education industry's dependency on mainframes for their day to day business- Higher Education organizations should place the same degree of emphasis on their mainframe security controls as they do on the mission critical applications and business processes that run on them. With this in mind, VANGUARD ANALYZER is the choice of the world's largest banks, insurers, branches of government, University systems, and retailers for this purpose.

### *VANGUARD ANALYZER SOFTWARE*

*Ensuring your mission critical systems, applications and business processes are secure*

VANGUARD ANALYZER delivers expert level, vulnerability assessments and audit results in minutes, leveraging Vanguard's extensive knowledge of security best practices. If there are security issues where you are at risk, findings are ranked and presented in order of importance so they may be expeditiously addressed.

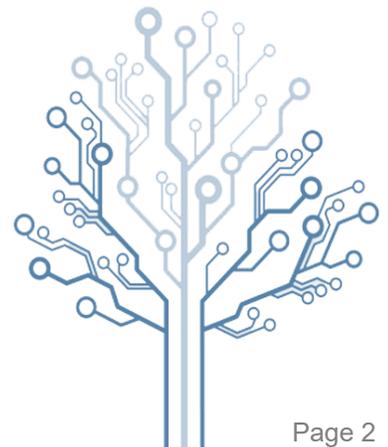
The corrective actions security personnel need to take to rectify identified vulnerabilities are also plainly laid out in simple language thanks to Vanguard's proprietary Smart Assist® technology, simplifying and streamlining the corrective action process.

### *Comprehensive system auditing made easy with VANGUARD ANALYZER*

Vanguard Analyzer runs thousands of integrity checks automatically, eliminating the multitudinous manual tasks associated with the audit process. Specific tests can be run individually, or a system overview report can be selected. VANGUARD ANALYZER cuts so much time out of these processes that checks and assessments can be conducted much more frequently. The obvious benefit being that you're constantly current on exactly where you stand and ready for external auditors.

### *Analyzer: Comprehensive System Auditing made easy*

Exposing and eliminating vulnerabilities in security implementations happens to be the first step to a successful regulatory compliance program. ANALYZER can help you illustrate due diligence and stay in compliance with data and infrastructure security mandates like HIPAA, PCI DSS & FISMA.



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## Why Vanguard to Secure Your Enterprise?

Almost half of the Fortune 1000 companies in the world spanning banking, retail, insurance, as well as numerous government agencies trust Vanguard with their enterprise security.

## About Vanguard Security Solutions

Vanguard offers the most advanced and integrated portfolio of enterprise security products and services in the world. The portfolio was the first to offer fully automated baseline configuration scanner for Mainframe DISA STIGs— the Gold Standard for Security.

## For More Information

To learn more about Vanguard Security Solutions please call 702.794.0014 or visit [www.go2vanguard.com](http://www.go2vanguard.com)

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