

TRANSPORTATION (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 transportation companies globally in eliminating vulnerabilities in large enterprise implementations to help assure Regulatory Compliance.

TRANSPORTATION

Vanguard's Transportation sector customers tell us the mainframe's operational and management costs are significantly less than a comparable distributed computing environment when they conduct internal TCO assessments. As well, they stipulate that their z/OS based systems offer higher availability, more sophisticated tools for performance tuning, capacity planning and monitoring in addition to faster processing and more advanced data recovery than distributed server architectures.



**TRANSPORTATION COMPANIES
WORLDWIDE ARE INCREASINGLY BEING
TARGETED BY ADVERSARIAL NATION
STATES AND SCAMMERS**

A recent Senate report revealed that the networks and systems of the U.S. Transportation Command's civilian transportation contractors were successfully breached 50 times between June 2012 and May 2013. At least 20 of the breaches were attributed to attacks originating from China, according to the Senate Armed Services Committee.

The intrusions involved breaking into systems aboard a commercial ship contracted by Transcom for logistics routes, and hacking into an airline the US military used and uploading malicious software onto its computers. Investigators said China's military was able to steal emails, documents, user accounts and computer codes through these attacks. Iranian hackers have also been very active in attacking the networks and systems of transportation firms in the US and 15 other countries in the last few years says Cylance, a security services firm based in Irvine, CA. Cylance referred to one concerted Iranian effort as "Operation Cleaver," and indicated that the effort has "successfully leveraged both publicly available and customized tools to attack and compromise targets around the globe." "Cylance in their report covering the incident also stipulated, "During intense intelligence gathering over the last 24 months, we observed the technical capabilities of the Operation Cleaver team rapidly evolve faster than any previously observed Iranian effort."

The oil and gas maritime transportation subsector was also recently compromised, according to a recent report by Panda Security. Ten companies were the victims of a highly sophisticated cyber attack believed to have been perpetrated by Nigerian scammers. The cyber attack, which Panda called "Operation Oil Tanker," began around August 2013 and wasn't detected by researchers until January 2014. Over 80,000 text files with credentials were exfiltrated and investigators believe the underlying intent was to defraud potential oil buyers.

**WHAT SHOULD TRANSPORTATION FIRMS
DO TO PREVENT HARMFUL AND EXPENSIVE
BREACHES?**

Given the industry's dependency on mainframes for their day to day business- transportation firms 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 over 1,000 of the world's largest banks, insurers, branches of government, logistics/transport firms 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.



WHY VANGUARD?

Vanguard offers the most advanced and integrated portfolio of enterprise security products and services in the world. The portfolio was the first to offer a 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 contact Vanguard Integrity Professionals at (702) 794. 0014 or visit www.go2vanguard.com

The World's largest Financial, Insurance, Government Agencies and Retailers entrust their Security to Vanguard Integrity Professionals.

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