

# Communications

## 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 telecommunications companies globally in eliminating vulnerabilities in large enterprise implementations to help assure Regulatory Compliance.

## The Telecommunication Industry

Many of the world's top telecommunications providers run their mission critical business applications – CRM, ERP, customer billing - on IBM z/OS mainframes due to their reliability, scalability, processing power and flexibility. Downtime and service interruptions are simply not an option and System z uptime performance cannot be matched by distributed systems. Furthermore, mainframes mean operational risk has been reduced—fewer servers and physical connections equates to fewer potential points of failure, helping to boost resilience and availability for vital business applications and customer data.



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## Telecom CPNI Is A Target For Data Theft And The FCC Fines For Violations Of The Communications Act Are Steep

In 2015, AT&T was fined \$25M by the FCC Enforcement Bureau for consumer privacy violations due to data breaches, which involved the disclosure of almost 280,000 US customers' full names, social security numbers and other protected account information, known as customer proprietary network information (CPNI). This was the FCC's largest privacy and data security enforcement action to date and transpired due to employees accessing records without authorization. In October 2014, the FCC announced a \$10 million planned fine against TerraCom, Inc., and YourTel America, Inc., for failing to provide reasonable protection for customers' personal information. The failure to reasonably secure customers' personal information violates a carrier's duty under Section 222 of the Communications Act, and also constitutes an unjust and unreasonable practice in violation of Section 201 of the Act. The FCC has made it clear that it expects telecommunications carriers to take "every reasonable precaution" to protect their customers' data. The Commission has also adopted rules that require carriers to take reasonable measures to discover, report, and protect against attempts to access CPNI without authorization.

## What Should Telecommunications Firms Do To Prevent Harmful And Expensive Breaches?

Given the industry's dependency on mainframes for their day to day business, telecommunications 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, telecommunications services providers and retailers for this purpose.



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## VANGUARD ANALYZER SOFTWARE

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

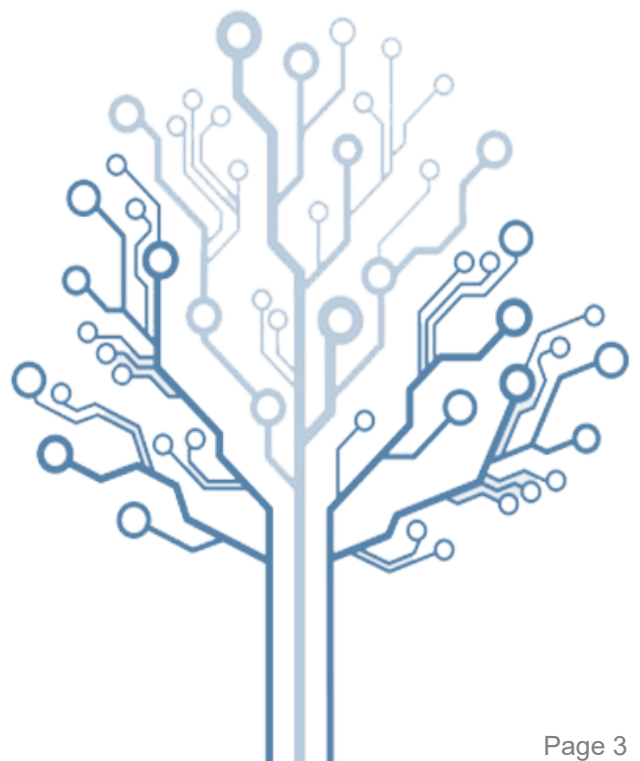
VANGUARD ANALYZER delivers expert level vulnerability assessments and audit results in minutes, leveraging Vanguard's extensive knowledge of security best practices. If there are security issues where you are at risk, findings are ranked and presented in order of importance so they may be expeditiously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