

# Financial (Analyzer)

## Analyzer

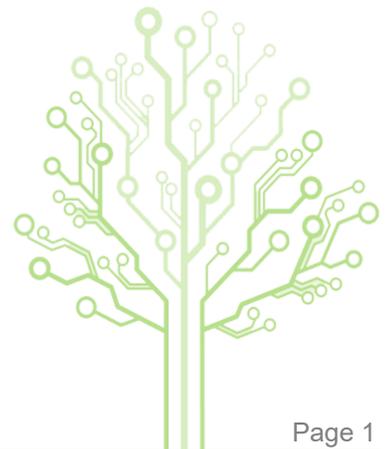
Vanguard Analyzer is security software for expert level, vulnerability assessments of security controls and settings with the ability to produce fast system snapshots and audit results in literally minutes. Vanguard is the choice of financial institutions globally in eliminating vulnerabilities in large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

### EXECUTIVE SUMMARY BANKING & FINANCIAL INSTITUTIONS

With their speed, capacity, intelligence, and security capabilities, mainframes remain a central component of banking data practices.

In fact, the ability of mainframes to perform data-processing tasks far outpaces the common examples that capture the general public's attention. Google searches occur at a rate of 60,000 per second. Mainframes, in contrast, handle more than 1 million customer transactions per second. That's one reason mainframes remain a core component of banking data workloads.

Additionally, ATM operations, credit card processing, and the management of investment capital, all require instant response. The IBM z12 mainframe processors are running at 5.5 GHz -- the fastest CPUs ever in a commercial product. Furthermore, speed is essential for financial data delivery, but the ability to handle volume is equally crucial. Financial transactions create huge, persistent demands on data infrastructure, and the scale of traffic varies depending on predictable and unpredictable factors. Mainframes offer a perfect resource for this contemporary challenge -- a dedicated amount of processing power that can handle dynamic scenarios in a reliable manner.



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## THE FINANCIAL INDUSTRY'S MAINFRAMES ARE A HUGE TARGET FOR CYBERCRIMINALS AND CYBERCRIME IS GETTING MORE SOPHISTICATED

Given 92 of the largest 100 banks in the world rely on IBM System z mainframes for the reasons explicitly detailed above, this makes them a very attractive target for cybercriminals. Last year saw the biggest ever cyber breach in the financial industry with the customer data of over 100 million people with bank accounts compromised.

While the hackers of yesterday largely infiltrated systems for notoriety, today we have advanced persistent threat (APT) actors. APT actors use sophisticated tools and tactics to gain access to and steal digital information they can use or sell at a later date. With economic and political motivations, these groups are characterized by their ability to patiently infiltrate computer networks and remain undetected for up to two years on average before being caught or revealing themselves — by then, the data breach has already happened.

These APT actors have become highly coordinated, and their organizations are well-funded and run like large companies with business plans, many employees and headquarters. If they want your data, they will come for it.

## WHAT SHOULD BANKS & FINANCIAL FIRMS DO TO PREVENT HARMFUL AND EXPENSIVE BREACHES?

Simply put, banks and financial institutions 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, 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.

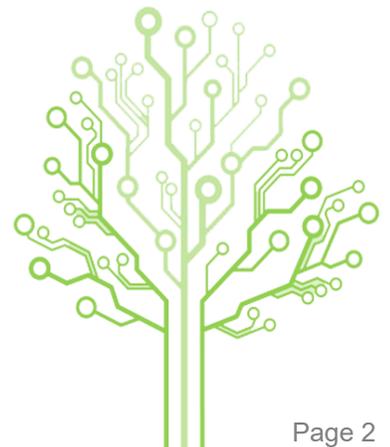
*Comprehensive system auditing made easy with VANGUARD ANALYZER*

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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