



Easing the Enterprise Compliance and Audit Burden

New Regulatory Landscape

Maintaining tight control over the security compliance and audit process is a critical imperative for today's enterprises. A broad list of regulations, including the Sarbanes-Oxley Act (SOX), Health Insurance Portability and Accountability Act (HIPAA), and Payment Card Industry (PCI) security standard, all mandate careful review and controlled access to critical files, applications and databases operating within the enterprise network, including mainframe environments. To comply, enterprises must show that they have implemented procedures to prevent unauthorized users from accessing corporate data and continually analyze policies to ensure they are providing the protections they were designed to offer.

But employees such as internal and external auditing teams, legal representatives, management staff and IT personnel often lack the time, manpower, and/or expertise to perform audits fast and efficiently within the mainframe environment, a problem compounded by the complexity of the z/OS Security Server (RACF®) system. This system used by most enterprises to manage mainframe security may prove effective for those with IT backgrounds and native programming skills. However, even experienced users can find themselves in a bind, having to deal with lengthy manual processes to find the data they need to demonstrate compliance. For less technically savvy staff unfamiliar with mainframe systems and RACF, the learning curve can be exceptionally high, making it extremely difficult and time consuming to find and correlate data. Moreover, their lack of experience makes them more error prone, often resulting in less than accurate audit results.

Even if enterprises have the means to efficiently conduct audits, they often lack the tools necessary to prevent policy and compliance violations from reoccurring. As a result, security vulnerabilities remain a constant threat, exposing companies to potential sanctions and erode the confidence of investors and customers.

Reduce Spending With Robust Auditing and Compliance Tools

Clearly what enterprises require is a solution that automates previously manual processes, ensures accurate reporting, and keeps compliance and audit policies in check.

The process of meeting compliance regulations such as HIPAA, SOX, and PCI, as well as requirements set by the Securities and Exchange Commission (SEC) and the National Association of Securities Dealers (NASD), represents one of IT's most critical investments. As a result, enterprises should leverage next-generation software solutions to help them meet compliance and audit obligations.

Without them, auditors have their hands tied. The time it takes to accurately audit policies within mainframes detracts from overall productivity and other duties. Enterprises can solve this problem by adding personnel and/or provide more mainframe and RACF training, but budget constraints often prohibit extra spending.

Industry's Most Effective Solution

Vanguard Integrity Professionals provides a powerful suite of software applications designed to reduce the audit and compliance burden. With the Vanguard Audit and Compliance Solution, IT personnel and auditors can set, adjust and continually monitor specific security policies and z/OS mainframe systems to determine if they are in compliance. The solution automates many processes that could only have been done manually before, minimizing operations costs and raising employee productivity, while improving security and compliance. This complete solution suite includes:

- **Vanguard Analyzer™** – Suitable for experienced IT personnel, this powerful integrity verification and auditing tool automatically performs assessments, risk identification and threat analysis functions.
- **Vanguard inCompliance™** – Using this easy-to-use browser-based solution even staff with limited or no technical background can instantly assess the mainframe environment, perform a full compliance check, drill down to view more detailed audit data and set-up and change audit parameters and compliance policies. With a few clicks of a mouse, users can schedule compliance checks that automatically run as often as required.
- **Vanguard Enforcer™** – In addition to comprehensive intrusion prevention and detection, Vanguard Enforcer monitors the mainframe environment, reports on accidental or intentional changes and restores the system to its compliant state.
- **Vanguard Policy Manager™** – Monitors and controls z/OS Security Server RACF commands to enforce compliance with corporate security policies.

Complete Control of Mainframe Compliance and Audit

The Vanguard Audit and Compliance Solution provides a complete security management environment that enables auditors and security personnel to work more effectively. Using this solution, experienced IT users can quickly and directly extract information necessary for audits from RACF databases, non-technical staff can easily run a compliance check or schedule audits with inCompliance and employees can leverage Administrator to change user access privileges and authorizations on the fly. Vanguard Enforcer and Vanguard Policy Manager guard against changes that can neutralize stringent protections. Vanguard's unique SmartLink technology facilitates a natural workflow by linking products, eliminating the need to restart each application and re-enter data.

Vanguard Analyzer

Vanguard Analyzer makes the audit process easy and simple. Using Analyzer, staff members familiar with z/OS Security Server (RACF) can perform detailed analysis of the system's integrity status and security measures or complete specific audit functions. This comprehensive system integrity verification and auditing solution performs automated security assessment, risk identification and threat analysis. IT administrators with in-depth understanding of RACF can quickly and directly find the information they need to prove compliance. Automated functionality enables users to perform complex tasks that can only be completed in RACF manually.

Vanguard inCompliance

With Vanguard inCompliance, even staff without RACF training can run a complete compliance check in a few simple steps. Using a standard web browser, IT personnel can obtain an instant overview of an organization's entire z/OS Security Server (RACF) environment and drill down just as easily for a detailed view of any specific compliance check. Comprehensive reports instantly identify risks and potential compliance violations and provide recommended remedies. What's more, the solution continually audits mainframe systems to prevent compliance problems, provides step-by-step guidelines and demonstrations of compliance checks, and enables users to rapidly analyze and identify policy standards and rules online. Highly flexible and customizable, inCompliance offers the ability to change individual settings quickly to improve compliance and audit results.

A Step Beyond

With the Vanguard Audit and Compliance Solution, enterprises can keep audit expenses low, produce more with the same number of staff, and exert strong, effective control over their entire mainframe audit and compliance operation. Take a step beyond your current audit and compliance barriers.

Vanguard Policy Manager

Designed to help enforce compliance and security policies by ensuring that administrators cannot issue unauthorized commands, Vanguard Policy Manager enables security officers to precisely control who has authority to execute specific commands. The software provides more granular controls than those available natively within z/OS Security Server (RACF) to give organizations greater control over the types of commands specific administrators can issue. With Vanguard Policy Manager, security officers can establish authorization profiles that specify precisely which commands and operands personnel are authorized to execute.

Vanguard Enforcer

This powerful intrusion prevention and detection solution stops the kind of policy erosion that can invalidate even the strongest compliance policy. Without an effective enforcement tool, security policies can revert back to their non-compliant state as accidental or intentional changes alter the RACF environment.

Vanguard Enforcer prevents such problems, giving corporate managers the peace of mind that policies will continue to work as originally intended. The solution operates in the background, where it automatically reviews rules and processes and ensures that all changes are approved before they take place. This ensures that tampering and accidental revisions won't permanently alter policies and erode security. Customizable alerts notify administrators of unauthorized access and when changes are made. In addition, Enforcer can be configured to return the system to its unaltered state.

Corporate Headquarters

Vanguard Integrity Professionals, Inc.

6625 Eastern Ave. Suite 100
Las Vegas, NV 89119-3930
Telephone: 702.794.0014
Fax: 702.794.0023

Product Development & Delivery

Vanguard Research Institute, Inc.

180 South Anita Drive Suite 201
Orange, CA 92868-3306
Telephone: 714.939.0377
Fax: 714.939.0273

International Sales & Distribution

Vanguard Integrity Professionals Ltd.

The Staddlestone Granary, SWGC
Romsey Road
Winchester
SO22 5QX
England
Telephone: 44 (0) 870.3333.718
Fax: 44 (0) 870.3333.719

Sales, Consulting & Training

North America
Telephone: 702.794.0014
Email: info@go2vanguard.com

Outside North America

Telephone: 44 (0) 870.3333.718
Email: international@go2vanguard.com

Conference

Telephone: 702.794.0014
Email: conference@go2vanguard.com

Technical Support

Telephone: 702.794.0014
Email: support@go2vanguard.com

Media & Marketing

Telephone: 702.794.0014
Email: marketing@go2vanguard.com

For More Information

To learn more about the features and benefits of Vanguard Enterprise Security Software Solutions, visit www.go2vanguard.com.

Security Management Solutions:

Vanguard Administrator
Vanguard Advisor
Vanguard SecurityCenter

Audit and Compliance Solutions:

Vanguard Analyzer
Vanguard inCompliance
Vanguard Enforcer
Vanguard Policy Manager

Access Management Solutions:

Vanguard Authenticator
Vanguard ez/SignOn
Vanguard ez/Token
Vanguard Tokenless Authentication
Vanguard ez/Integrator
Vanguard PasswordReset

Intrusion Detection Solutions:

Vanguard Enforcer

©2009 Vanguard Integrity Professionals
All other copyrights, trademarks and/or service marks are the property of their respective owners.

