

Vanguard Implementation Services

Vanguard Professional Services offers cost effective security implementation services to protect enterprise systems and ensure procedures meet industry and regulatory standards. Implementation services include increasing the efficiency of existing security and compliance capabilities, deploying new security proficiencies, ensuring compliance with industry and regulatory requirements and training internal security teams on Vanguard enterprise security solutions.

The Vanguard Professional Services team is the largest and most experienced group of IBM® System z® security experts in the industry. Team members average more than 30 years of mainframe security experience.

Below are some of the implementation services that Vanguard Professional Services provides:

Role-based access control: streamline administration and compliance

Vanguard Professional Services team members help to define organizational roles and groups, and then use an automated RBAC conversion tool to quickly assign access to mainframe resources based on specific job functions.

Enterprise-wide single sign-on: simplify password management

Vanguard consultants assess the enterprise-wide environment, design a single sign-on implementation that supports the existing infrastructure with minimal changes, and implement the software required to enable RACF® enterprise-wide single sign-on.

Centralized RACF security management: protect assets and meet standards

Vanguard consultants assess security configurations for DB2®, CICS®, IMS™ or SDSF; make required corrections and adjustments; and migrate security to RACF to enable easy viewing, management and reporting of security operations by internal security staff.

Merging RACF databases: reduce risks and improve compliance

Vanguard Professional Services team members merge two or more RACF databases into a single RACF database to ensure that security rules are aligned and assets are protected.

Remote RACF sharing: synchronize data across systems

Vanguard consultants evaluate each system that will share RACF data, enable remote sharing and test the environments to ensure that changes on one system occur on all others without conflict.

Digital certificates: protect data and support compliance

Vanguard consultants help organizations determine how and where certificates will be used; implement the required certificate creation, signing and distribution capabilities; and enable organizations to become their own certificate authority, which can save hundreds of dollars for each certificate generated.



- Services provided by the largest and most experienced group of mainframe security experts in the industry
- Team members average 30 years of mainframe and RACF security experience
- Projects completed quickly and cost effectively
- Wide range of System z security implementation services offered
- Team members provide knowledge transfer and training to internal security teams to ensure assets are protected

Two-factor authentication: add another layer of defense

Vanguard Professional Services team members assess company requirements for deploying two-factor identification using a RSA SecurID, ActivIdentity or SafeSign physical token, or a user’s personal communications device, and then implement the software and configurations to support this higher level of network and data protection.

Continuous monitoring: prevent security and compliance exposures

Vanguard consultants work with internal teams to define continuous monitoring requirements; determine the checklists and software needed to adhere to internal security policies and external mandates; and help deploy the proper tools and reporting capabilities to meet these objectives.

Lightweight directory access protocol: simplify information access

Vanguard Professional Services team members implement LDAP directory services for organizations that want to store user identities, phone lists, client information or other directory data on System z in an LDAP repository.

UNIX System Services security: verify proper protection

Vanguard consultants rigorously assess UNIX System Services running on System z to ensure that UNIX is properly secured and determine if remediation is required. Team members then remediate exposures as needed or train internal staff how to remediate and maintain proper security controls.

Support for industry and regulatory requirements: ensure compliance

Vanguard Professional Services team members help organizations add proper System z and RACF configuration controls to comply with appropriate regulatory and industry mandates (see sidebar for a list of supported industry and regulatory requirements).

Training on Vanguard enterprise security solutions

Consultants train an organization’s internal staff on how to most effectively use Vanguard solutions.

About Vanguard Integrity Professionals

Vanguard Integrity Professionals provides enterprise security software and services that solve complex security and regulatory compliance challenges and deliver a rapid return on investment. With automated solutions for identity and access management, and governance, risk and compliance, Vanguard enables government agencies and corporations around the world to ensure continuous monitoring of mainframe systems, safeguard cloud computing secure domains, and protect critical data and applications from cybersecurity threats.

For More Information

To find out more about how Vanguard Professional Services can help your organization, email sales@go2vanguard.com or call (702) 794-0014.

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Industry and Regulatory Support

- Basel II and III
- Centers for Medicare & Medicaid Services (CMS)
- Control Objectives for Information and Related Technology (COBIT)
- Defense Information Systems Administration (DISA) STIG
- Federal Financial Institutions Examination Council (FFIEC)
- Federal Information System Controls Audit Manual (FISCAM)
- Gramm-Leach-Bliley (GLB)
- Health Insurance Portability and Accountability Act (HIPAA)
- Health Information Trust Alliance (HITRUST) Common Security Framework (CSF)
- National Institute of Standards and Technology (NIST)
- Payment Card Industry Data Security Standards (PCI DSS)
- Sarbanes-Oxley (SOX)

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