

# Mainframe Security Solutions

VSA • IronSphere • VFTP-SSH • VWA • SDS E-Business Server

## Lock Down Your Mainframe to Safeguard Critical Resources

Today's data security environment is challenging and complex. Robust, dependable mainframe security is crucial to protect sensitive data and vital processes. SDS offers comprehensive, economical solutions to automate tasks, safeguard business resources, and comply with demanding industry regulations.

### VitalSigns SIEM Agent™ for z/OS

*Collect, Filter, and Deliver Security Events to Any SIEM*

VitalSigns SIEM Agent (VSA) monitors the mainframe and integrates in real time with standard z/OS security facilities (RACF, ACF2, Top Secret) to gather detailed information about mainframe security events.

VSA uses powerful, field-level filters to determine critical SMF records and also sorts crucial information from the z/OS system console. The agent reformats the data as syslog, CEF, or LEEF events and forwards them to one or two enterprise SIEM solutions such as Splunk, LogRhythm, QRadar, AlienVault, ArcSight, and many others. The SIEM interprets the information and alerts the security team. VSA provides total visibility across the enterprise and helps you meet demanding security requirements.

### SDS IronSphere for z/OS

*Automate z/OS STIG Compliance Process for Hardened Mainframe Security*

IronSphere automatically and continuously runs security scans to identify risks based on DISA STIGs. These Security Technical Implementation Guides from the Defense Information Systems Agency contain optimized configuration and policy information for applications.

Any discrepancies are reported in intuitive graphs and charts that can be tailored for any level of user, along with easy-to-follow remediation steps for the mainframe security team. Scan results are sent to the audit log and retained inside the software, simplifying audits and proving compliance.



**AUTOMATE and SIMPLIFY**  
with SDS security products

- Gain compliance to:
  - GDPR
  - 23 NYCRR 500
  - SOX
  - GLBA
  - PCI DSS
  - HIPAA
  - and others.
- Automate processes to reduce operator workload.
- Create audit trails and logs to simplify audits and prove compliance.
- Implement SSH (Secure Shell) protocol for the highest levels of security.
- Connect to existing SAF products for multi-layer protection.
- Secure data even beyond the firewall.
- Real-time results can find the problem now and alert the security team.

*Ask us which SDS security solutions best suit your environment.*



### z/OS Compliance Automation

Monitoring, Encryption, Audit Trails, Real-Time Visibility

## The VFTP-SSH Collaboration

### Secure z/OS File Transfers – No JCL Changes Required

SDS VitalSigns for FTP™ (VFTP) and Tectia® SSH collaborate to deliver complete and effortless security for all file transfers involving the mainframe. VFTP integrates the z/OS FTP server with mainframe SAF security (RACF, ACF2, Top Secret). Tectia SSH is both an SSH server and client that implement Secure Shell (SSH) protocol to provide a secure route to transfer files.

When VFTP and SSH join forces, FTP transfers from batch jobs are dynamically translated to SFTP or redirected through protected SSH "tunnels." VFTP-SSH automatically secures FTP traffic to and from the mainframe, with complete, real-time visibility from a central graphical browser interface.

## Virtel® Web Access

### Eliminate Client-Side Security Vulnerabilities

Virtel Web Access (VWA) serves 3270 screens as web pages on any secure browser. VWA works instantly on any web-enabled device with any operating system – from a Windows laptop to Apple, Android, or Chrome mobile devices. Staff and contractors can use their own devices and simply log on at a predefined URL. Data is delivered over encrypted HTTPS connections.

Because nothing is installed on the client, the mainframe retains control of all processes and data. Client apps, applets, and plugins are eliminated – along with their support costs and security exposures – saving up to 80% on TE costs. VWA is a secure, adaptable, and cost-effective replacement for legacy TE solutions.

### Quality Mainframe Software Since 1982

Software Diversified Services delivers comprehensive, affordable mainframe and distributed software with a focus on cybersecurity and compliance. Hundreds of organizations worldwide, including many Fortune 500 companies, rely on SDS software. Our expert development and award-winning technical support teams are based in Minneapolis, MN. To learn more, please visit [www.sdsusa.com](http://www.sdsusa.com).

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## SDS E-Business Server®

### Rock-Solid, Automatic Data Encryption

This proven data security tool provides enterprise-wide encryption for AIX, Linux, Windows, and z/OS systems. Using industrial-strength PGP encryption technology and versatile APIs, E-Business Server automatically secures data at rest and in transit for unmatched levels of security and privacy.

E-Business Server is also available in a version for AIX, Linux, and Windows that utilizes the FIPS 140-2-validated SDS Cryptographic Module. FIPS (Federal Information Processing Standards) validation is often required for software used by federal agencies and their vendors.

With strong signature creation, reliable authentication, and automatically secured data, SDS E-Business Server helps you gain compliance to HIPAA, PCI DSS, GDPR, and other data security regulations.



For more information about  
SDS security products, please visit

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