

# VitalSigns™ Integrated Mainframe Solutions

VFTP • VIP • VNAC

## Keep Your Mainframe Lean, Secure, and In Control

Graphical, browser-based SDS VitalSigns products deliver everything you need to achieve superior security, end-to-end visibility, and reliable control across the enterprise.

The VitalSigns suite of products is a full-spectrum tool set for automating, monitoring, and troubleshooting TCP/IP and SNA applications, z/OS communications servers, and mainframe TCP/IP networks.

Multi-layer mainframe security, with support for SSH and existing SAF, protects your z/OS data infrastructure from FTP threats. VitalSigns solutions defend the *entire* enterprise and helps meet today's stringent data regulations.

Replace your expensive legacy software with robust, easy-to-use VitalSigns network management tools and save! They can significantly cut costs by automating processes, conserving resources, and diagnosing and resolving problems.

### Integrated solutions: bundle for collaborative advantages

#### **VFTP + VIP + VNAC**

Full-spectrum tool set for monitoring, automating, and securing mainframe data and processes.

#### **VIP + VNAC**

Comprehensive z/OS mainframe monitoring plus diagnostic tools, automated messages, and substantial cost savings.

#### **VFTP + SSH**

Cost-effective, effortless FTP security for all file transfers and data in transit.

### **VitalSigns for FTP™**

Control security with full integration of mainframe FTP with SAF security.

### **VitalSigns for IP™**

Total visibility into the network from a browser interface, including real-time alerts, performance metrics, and diagnostics.

### **VitalSigns for Network Automation & Control™**

Browser-based mainframe automation manager that can trigger scripts in response to system, network, and application messages.

*These solutions can be used individually to address specific challenges or work together as an integrated suite for mainframe management.*

*Read on for details about each of these effective, multi-tasking products.*

## VIP

### Monitor and Manage the Network

Detect, diagnose, resolve, and prevent TCP/IP problems on z/OS networks with SDS VitalSigns for IP. For over a decade, VIP has been the best tool for monitoring the z/OS communications server and the mainframe network.

VIP gives you total visibility into the network from a single browser interface, including IP network monitoring, Enterprise Extender monitoring, OSA monitoring, FTP monitoring, network history reporting, and monitoring of remote applications such as printers, servers, and socket apps. VIP is efficient, effective, and economical.

VIP eliminates blind spots and delivers real-time diagnostics and alerts. When used with VNAC, it can even send alerts that trigger automatic repairs.

## VNAC

### Automate and Control the Mainframe

SDS VitalSigns for Network Automation and Control is a streamlined, cost-saving replacement for legacy network management software. VNAC can run components off of the mainframe to conserve CPU cycles and yield as much as a 60% reduction in costs!

This browser-based mainframe monitor and manager is a real-time command interface that also delivers superior processing speeds. VNAC is easy to use, with installation in a few hours instead of days and no user training required.

For more information about SDS VitalSigns products, please visit [www.sdsusa.com/mainframe-network-management/](http://www.sdsusa.com/mainframe-network-management/).

### About SDS

Founded in 1982, SDS supports over 25 products for z/OS, MVS, VSE, VM, AIX, Linux, and Windows. SDS has licensed more than 1,000 enterprise clients worldwide with quality mainframe software and offers award-winning technical support. Comprehensive solutions focus on security, encryption, data compression, and network monitoring.

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## VFTP

### Integrate FTP with SAF Security

Using FTP in a mainframe environment is extremely vulnerable to sniffing and other cyber attacks. SDS VitalSigns for FTP reinforces z/OS FTP traffic by fully integrating mainframe FTP with mainframe SAF security such as RACF, ACF2, or Top Secret.

VFTP provides a comprehensive, end-to-end audit trail that meets the requirements of the Sarbanes-Oxley Act, Gramm-Leach-Bliley Act, HIPAA, and PCI DSS.

The **VFTP-SSH collaboration** provides snap-in, automatic authentication, encryption, and security for FTP across all platforms by leveraging Tectia® SSH, an enterprise-grade client/server.

VFTP-SSH automatically secures file transfers to and from mainframes while increasing visibility and minimizing resources. Programmers will no longer need to alter the JCL in every job that encrypts a file transfer.

“VNAC saved us 40-60% of annual costs.  
It's quick and easy to implement.”

— Network Engineering Manager  
Midwestern Publishing Company