

VitalSigns SIEM Agent™ for z/OS · VSA

Real-Time Mainframe Security Events Delivered to Any Enterprise SIEM

When data security is on the line, it's imperative to quickly find issues and threats to mitigate the risks. VitalSigns SIEM Agent for z/OS (VSA) brings the mainframe into the center of your enterprise security infrastructure to filter out the noise and uncover critical events – in real time.

VSA integrates with standard z/OS security facilities such as RACF, ACF2, and Top Secret to gather detailed information about mainframe security events from all z/OS systems and LPARs in your network.

Advanced, granular filters quickly and easily separate critical incidents from everyday issues, and sends them in the right format to your enterprise SIEM. VSA delivers the end-to-end visibility you need to help safeguard data integrity.

Meaningful Security Improvements

VSA acquires messages in real time from the z/OS system console, system management facility (SMF), and information management system (IMS). An extensive data dictionary gives you unprecedented control to define meaningful data and create filters.

The agent uses the defined filters to detect significant events, then reformats the data as syslog, CEF, or LEEF events and forwards them to one or two enterprise SIEMs. The SIEM interprets the data, then delivers it to the people and systems responsible for enterprise security. The security team has a central view of all the events they need to recognize.

Simplified Compliance and Auditing

Enterprise-wide monitoring of security events is essential, not only for tracking malicious activity, but also to attain today's demanding **compliance standards**. Administrators can define specific items for extra levels of monitoring or auditing: files that contain credit information, for example, or health care details. Mainframe teams can rely on VSA to filter and format the right data to comply with strict audit policies.

With continuous monitoring, real-time alerts, and simplified audit processes, VSA helps meet data security regulations including:

GDPR	SOX	FISMA	23 NYCRR 500
PCI DSS	HIPAA	GLBA	IRS Pub. 1075

VSA fills a major gap in your security infrastructure by delivering z/OS event records to your SIEM solution in real time.

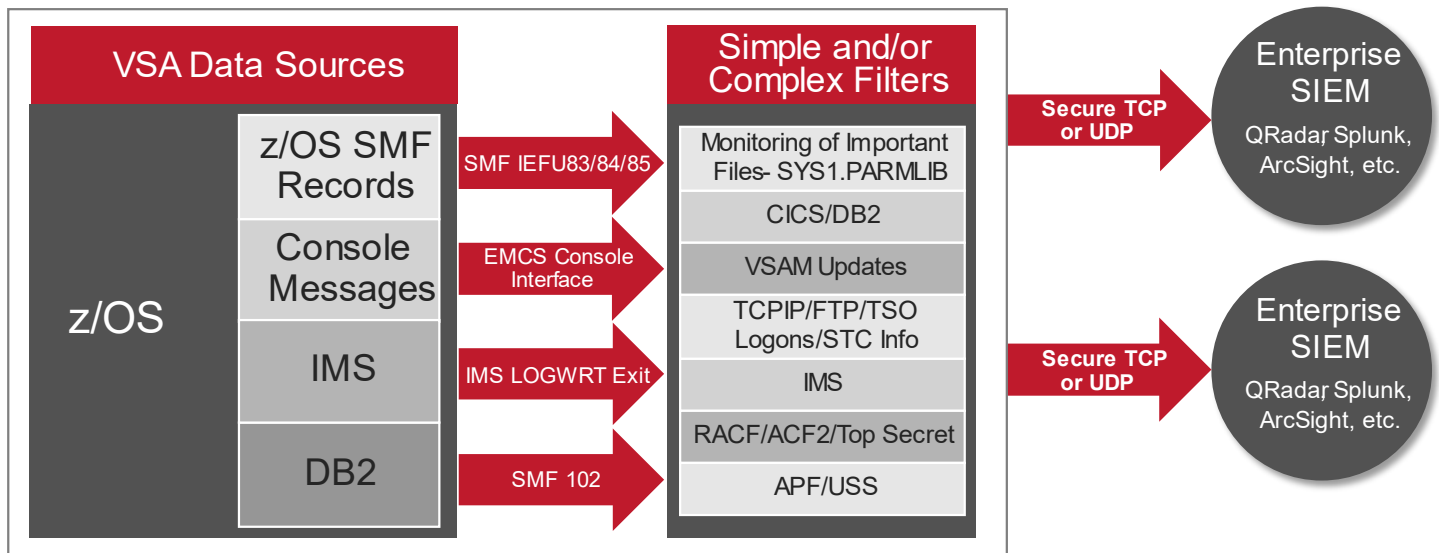
Using powerful, granular filters for SMF and IMS records, VSA finds critical events, then sends real-time alerts to any distributed SIEM such as:

- Splunk
- LogRhythm
- QRadar
- AlienVault
- ArcSight
- and many others

Sample dashboards can be imported into Splunk to see security events, LPAR activity, and access failures from the VSA agent on z/OS. With VSA, you gain the visibility to find and track targeted, defined security events on the mainframe.

VitalSigns SIEM Agent™ for z/OS was named a **Trend-Setting Product** for data and information management by Database Trends and Applications magazine. See how VSA can improve your enterprise security.

Mainframe



Security Means Watch All the Doors

VSA software agents convert mainframe data to syslog, CEF, or LEEF events for delivery to SIEM technologies or to any other software that uses TCP/IP protocol.

The enterprise SIEMs consolidate VSA information with security intelligence from other systems such as UNIX, Windows, and Cisco. The SIEMs can then analyze and visualize data across the spectrum.

You no longer need multiple security teams to guard multiple platforms. You get total visibility into the z/OS environment, as well as distributed and open systems environments.



For more information about VitalSigns SIEM Agent for z/OS, please visit www.sdsusa.com/siem/

Let VSA Work for You

- Interfaces with standard z/OS security products: RACF, ACF2, Top Secret, DB2, CICS, FTP, TCP/IP, and others.
- Monitors z/OS, UNIX System Services (USS), and DB2.
- Collects and monitors SMF records, IMS log records, and CICS performance data records.
- APIs allow for defining and filtering TSO, CICS, and batch events.
- Installs easily and quickly with minimal resources and no z/OS IPLs.
- Simple or complex monitoring rules are easily defined using ISPF Edit.
- Uses both signature-based and anomaly-based attack detection.
- Configuration can be shared by VSA agents running on different LPARs.
- Small footprint in each LPAR and little CPU overhead.
- CEF and LEEF certified.

Quality Mainframe Software Since 1982

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