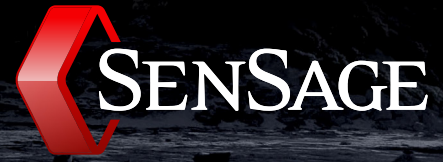


Compliance Auditing for SOX



Ease Your Sarbanes-Oxley Compliance Efforts While Reducing Overall Costs

Compliance is a critical concern for almost every organization. The Sarbanes-Oxley Act of 2002 (SOX) mandates that publicly held companies employ safeguards to assure greater financial accuracy, disclosures and controls. The collection, retention and analysis of event and log data is a key requirement for compliance. SenSage has helped hundreds of organizations around the world quickly implement Compliance Auditing for SOX solutions that uniquely deliver actionable results from massive amounts of log and event data.

Compliance can be expensive. Billions of dollars are spent annually to comply with evolving federal and industry regulations, and organizations face significant on-going systems, storage, human resources and audit expenditures. SenSage Compliance Auditing for SOX minimizes the time, expense, and risk for managing regulatory compliance. By integrating collection, storage and analysis functions, SenSage allows organizations to easily analyze years of data from multiple sources at any detail level.

SOX and Information Technology: What's Important and Why

While SOX itself doesn't spell out specific actions one must take to insure IT compliance, analysis of the Act, and the auditing community's reaction to it, identifies the following key points:

- » Section 302 holds the CEO and CFO accountable for the veracity of the financial statements
- » Section 404 requires executive officers and auditors to attest to the effectiveness of internal controls
- » Section 409 calls for the timely disclosure of financial or operational material changes
- » Section 802 mandates the retention and protection of financial audit records
- » Section 1102 prohibits the alteration or destruction of records
- » Auditing best practices recommend a "suitable, recognized control framework," such as COSO

» CobIT and ISO 17799 are accepted standards to evaluate IT and information security controls against

SenSage provides standard reports as part of the solution for meeting audit requirements, along with a Report Wizard for easily creating ad-hoc investigative reports.

What's Log Got to Do With It?

As both "controls" and "evidence of controls", event logs detailing system and user activity establish the means to bridge the gap between financial transactions and business controls that can affect the integrity of a company's financial status. But the highly distributed architecture of today's business applications require the collection, storage, analysis and retention of numerous logs from numerous devices up and down the application stack, many times representing one of the largest data management problems an organization can face.

SenSage Compliance Auditing for SOX provides the industry's only event data warehousing solution aimed specifically at overcoming the technical challenges facing today's IT organizations. By integrating the collection, storage and analysis functions, as well as designing the solution specifically for event data, SenSage is able to provide a simple yet accurate method for monitoring, analyzing and ultimately complying with SOX requirements.



Dashboards Highlight Compliance Posture

SenSage Compliance Auditing for SOX Features

- » **Data Source Collection** – Agentless, automated, 200 products supported, full log capture so you don't have to make choices as about which sources to monitor and what data to collect, batch and streaming collection, from the business application to the mainframe, field-level collection of custom sources
- » **Storage and Retention** – Patented, purpose-built for event data, 90% compression, clustered technology scales from one to hundreds of GBs per day, minimum 1 year of data online and queryable, extended storage integration is also fully queryable (no archiving), secure, self-tuning, data redundant and fault tolerant
- » **Analytics and Forensics** – Pre-defined reports mapped to ISO 17799 and CobIT standards, real-time correlation identifies critical events, graphs and table views, dashboards, policy exception analysis, forensic investigations keyed out of any field of data, scheduled, electronic delivery, consistently fast.

Why SenSage? – Data Collection of Custom Sources

Have a custom data source not supported out-of-the-box, such as that SOX-relevant business application? With SenSage, all that is needed is a parsing statement for the data, then list the column names you want the data parsed into. SenSage does the rest because SenSage's patented data repository builds all data tables dynamically at load time, allowing for full field-level reporting, analysis, and investigations.

Other vendors use “universal” log parsers to take in unknown data sources, but they only parse that data into a simple table containing 4 or 5 fields (time/date, IP addresses, and the rest of the remaining record). This does not allow for field-level reporting of the data, only “Google-like” searches. If the customer needs to have field-level reporting for that custom source, then you'll need their professional services organization to create the more granular tables within their database.

Why SenSage? – Storage and Retention

SOX compliance requires collecting, retaining and analyzing terabytes of event data for as long as seven years. SenSage's patented data repository provides organizations one year's worth of data online, without archiving. Want to go even longer? Either add additional nodes to the repository cluster, or take advantage of SenSage's integration with storage vendors like EMC. That enables multiple years' worth of data online, still fully queryable. This way, trending and investigations become a question of intent, rather than a question of data availability. And don't worry about speed – SenSage's patented technology enables one installation to query 2 years of data (26 TB) in 6 minutes.

SenSage Compliance Auditing for SOX Benefits

- » Reduce costs and improve efficiency by automating log collection and report generation of pre-defined SOX analytic reports
- » Reduce time and cost of ad-hoc queries and investigations by having years of data online (no archive restoration)
- » Improve access control to better align with lines of business by involving business owners in the review process
- » Enhance threat mitigation through real-time correlation, trending to see “low and slow” attacks, and complete data analysis
- » Facilitate the timely identification and reporting of real-time disclosure requirements (SOX Section 409)
- » Provide evidence of the retention, protection and integrity of financial audit records (Sec. 802 and 1102)
- » Increase likelihood of successful audit compliance by being able to demonstrate existence and adherence to controls
- » Increased insight into the security and operations of its critical financial applications
- » Do more with less staff

SenSage, Inc. offers patented event data warehouse solutions that provide actionable results from massive amounts of log and event data. Hundreds of customers have deployed SenSage solutions to reduce security, fraud and compliance risks at a fraction of the cost of traditional data warehouses and log management solutions. Based in San Francisco, the company markets its solutions directly and through partners, including Cerner, EMC, HP, Hitachi Data Systems, McAfee, Tokyo Electron Device and many others. Visit www.SenSage.com for more information.