Real-Time, Intelligent, Non-Invasive Monitoring of End-users

**VitalSigns
Detective**

The High Cost
of Occupational Fraud and Increased Regulation

The compliance demands stemming from recent government regulations – along with the growing threat of occupational fraud – are forcing enterprises to implement new, tighter controls on their mission critical legacy systems.

But for many organizations, this has become a daunting challenge. Most legacy applications were developed years before these regulations were enacted, which means they don't have the built-in controls necessary for compliance. Further, most IT shops don't have the expertise or the manpower necessary to embed these new controls in their legacy applications.

VitalSigns Detective is the solution to this challenge.

Through its patent-pending, zero-footprint technology, Detective is the only software tool for IBM mainframe and iSeries servers that allows you to record and analyze all end-user interactions with your legacy applications non-invasively and in real time-including every screen viewed and every keystroke made. Additionally, Detective produces a field-level audit trail for fraud detection, regulatory compliance, and business process monitoring.

VitalSigns
Detective

How VitalSigns Detective Works

To the point

- **Record** all screens displayed, end user keystrokes, and messages between applications without interfering with the software and hardware in the host or client.

- **Replay** all screens accessed and actions performed by each end user in a specific timeframe, according to screen information, field names and values within screens. For example, you can search and replay sessions in which the end user typed or displayed a specific account number.

- **Identify** application screens, fields, flows and messages through pattern recognition algorithms.

- **Map** application entities into meaningful business indicators and business entities with an intuitive graphic visualizer.

- **Detect** irregularities in real time and generate instant alerts through pre-defined rules.

- **Archive** recorded data and apply new rules on old recordings if necessary.

- **Store** application entities, business indicators and business-event data in a business-events repository.

- **Identify** and pursue marketing opportunities in real time. For example, you can set triggers so that various investment offers are automatically made to customers when their deposits exceed a certain threshold.

Mitigate
Occupational Fraud Risk

- ▶ Mitigate
- ▶ Improve
- ▶ Identify
- ▶ Optimize

By detecting fraudulent or malicious activity as soon as it occurs

The risk of employee fraud is real and costly. In fact, the Association of Certified Fraud Examiners (ACFE) has determined that 83% of information security breaches occur on a company's premises and during regular business hours. Additionally, the average scheme typically lasts 18 months prior to detection, with over 50% resulting in a loss of over $100,000.

Detective helps detect fraudulent or malicious activity as it occurs. It records and analyzes in real time every screen viewed and every keystroke made by each end user. Based on predefined rules, Detective then translates the monitored data into meaningful business indicators that help you quickly identify fraudulent or malicious activity, zoom in on the suspects, and replay specific sessions that contain suspicious acts.

Improve
Regulatory Compliance

By creating a full audit trail of ALL end user activity

Complying with the recent wave of regulations including – Sarbanes-Oxley, Gramm-Leach-Bliley, HIPPA, and Basel II – poses several immediate challenges for enterprises that rely on legacy systems for their mission critical processes. Many organizations simply don't have the staff or expertise necessary to update these applications with the newly required controls. Yet compliance is absolutely critical.

Detective provides the visibility and the field-level audit trail necessary for regulatory compliance, helping to quickly answer who did what? To what data? When? How? And from where? All without the need to install any software on the host or client, and with no impact on system performance.

Identify
Business Opportunities in Real Time

Based on specified customer-related transaction data

Detective can also be used as a powerful, real-time marketing tool. By setting specific triggers, you can be instantly notified every time a potential marketing opportunity arises, allowing you to take immediate action and increase your chances of success. For example, a financial institution could set triggers so that various investment offers are automatically made to a customer once his or her deposits exceed a certain threshold.

Optimize
the Availability and Performance of Legacy Systems

Through immediate alerts on application slowdowns, failures and outages

When mission critical applications do not perform efficiently and reliably, both customer service and employee productivity suffer. However, because Detective monitors

all user activity in legacy applications, it continually tracks the availability and performance of these systems. Through real-time alerts, Detective helps you more easily discover the causes of application slowdown, failures and outages resulting in improved application performance, user productivity, and customer service levels.

Key Features:

Comprehensive monitoring of ALL your legacy applications.
Regardless of platform, environment, programming language, or interface. Monitored environments include CICS transactions, 3270, 5250, IBM® mainframes, iSeries servers, and others...

Real-time tracking of end user activity.
Without having to resort to after-the-fact simulations of actual tasks performed...

Non-invasive, zero-footprint recording of user actions.
Detective's patent-pending technology intercepts communication between end users and Mainframe/iSeries servers strictly by sniffing network transmissions through the network switch...

Minimal impact on disk space.
Due to the highly condensed format of session recordings...

Admissible in court proceedings.
Because all recordings are ciphered and digitally signed...

Fast implementation and quick time-to-results.
There is no need to modify applications, reconfigure clients, or install any software on the host...

Easy to administer
Through an intuitive, point-and-click graphical interface.

FREE 30 Day Trial

VitalSigns Detective

www.sdsusa.com/vsdetective
Call 1-800-443-6183

VitalSignsDetective is patent-pending, non-invasive technology