



## Big Data Analytics Without The Daily Load Drain

IgniteTech’s SenSage AP is a powerful Event Data Warehouse (EDW) that enables advanced data analysis, detailed forensics and ad hoc investigations on a wide variety of data formats at very large scale. The only EDW designed specifically for event data, it collects and stores more data, from more sources, over longer periods of time — years or even decades — so that you can conduct faster, more sophisticated analytics.

### HARNESSING THE POWER OF EVENT DATA

For most organizations making sense of big data is a priority and a challenge. Keeping pace with the “Three V’s” — Volume, Velocity and Variety — has forced many IT professionals to reassess their systems and processes. Event data is the largest component of big data and can have significant ramifications — good and bad — for an organization. Time stamped and tamper-resistant, event data is required for compliance and audits, security analytics, threat detection and more. To gain valuable event data insights, you need a platform that can collect a wide scope of information, store it so it’s available at lightning speed, conduct sophisticated analytics and display rich visualizations via a web-based GUI.

### SENSAGE AP: THE ANALYTICS PLATFORM

SenSage AP is a powerful Event Data Warehouse (EDW) and the only one designed specifically for event data. It collects and stores more data, from more sources, over longer periods of time compared to other solutions. SenSage AP helps organizations quickly apply advanced analytics and correlation across multiple, voluminous data sets that span extended timeframes — years or even decades — for greater insights and more informed decisions.

- **Fast:** Unique time-based storage methodology means there’s no penalty for storing more data. Add as many hard drives as you need. Your daily loads won’t slow down and neither will reports covering consistent timeframes.
- **Flexible:** Leverages open standards for querying data, with ODBC/JDBC drivers and ANSI standard SQL language.
- **Secure:** “Read only” database with tamper-resistant features.
- **Efficient:** Column-based storage with built-in compression makes efficient use of disk space and up to a 40x better compression ratio than an RDBMS.
- **Comprehensive:** Collects billions of events per day with a time stamp from any source, including 250+ source-specific off-the-shelf adapters for most common IT infrastructure systems.
- **Scalable:** Massively Parallel Processing (MPP) shared-nothing clustering architecture for near linear scalability on commodity hardware that can take advantage of thousands of cores of processing power.



## **SENSAGE AP AND EVENT DATA**

**SenSage AP is the best big data platform for event data for a variety of reasons.**

- Unlike any other database or data store, it does not need to re-calculate an index that spans an entire table back to the beginning of time. Our unique time-based storage methodology means there's no penalty for storing more data. Add as many hard drives as you need. Your daily loads won't slow down and neither will reports covering consistent timeframes.
- It leverages open standards for querying data, with ODBC/JDBC drivers and ANSI standard SQL language. This enables sophisticated correlations with full precision, even on very large data sets and allows you to optionally use your favorite BI tool (Crystal Reports, Business Object etc.).
- Data cannot be altered after it is loaded; this is a "read only" database with tamper-resistant features. In addition to having a single version of the truth, you gain more efficient use of processing power since there is no logic for handling transactions, no undo logs and no rollback logs.
- Column-based storage with built-in compression makes efficient use of disk space and up to a 40x better compression ratio than an RDBMS. It collects billions of events per day with a time stamp from any source, including 250+ source specific off-the-shelf adapters for most common IT infrastructure systems.
- It has a Massively Parallel Processing (MPP) shared-nothing clustering architecture for nearlinear scalability on commodity hardware that can take advantage of thousands of cores of processing power.
- It is not just a database. The product comes complete with data extraction technologies, business intelligence reporting and data modeling. You also get pre-built solutions such as Compliance Reporting, Security Analytics and Insider Threat Detection that are open so you can see the logic, modify and extend on your own, or use the solutions out-of-the-box for immediate value.

## **EXPERIENCE THE BEST BIG DATA SOLUTION AVAILABLE TODAY**

- Existing SIEM or Log Management solutions don't scale to petabytes of data captured over long periods of time. SenSage AP allows you to analyze years of data in seconds/ minutes.
- The more data you add to Splunk, the slower it performs. With SenSage AP there is no performance penalty for storing years, or even decades of data.
- Hadoop requires hours of parsing all of the different formats of your data and mastering and maintaining numerous tools and scripts. Performance of Hadoop against complex queries could also produce long wait times for accurate reports. SenSage AP parses hundreds of different data formats automatically, expeditiously and has an easy to use graphical interface.
- SenSage AP includes solutions for Security Analytics, Insider Threat Detection and Compliance.

# SenSage AP

## The Data Analytics Platform

### A TRUSTED APPROACH

The more efficient you are at collecting, storing and analyzing event data, the better decisions you can make and the more effective you can be at managing compliance regulations, adhering to security policies and dealing with cybersecurity threats. That's why customers across a range of industries including manufacturing, retail, healthcare, telecommunications and financial services, as well as U.S. and other government agencies, trust SenSage AP.

#### Dashboards, Reports and Investigations

An all new HTML5 Console provides easy access to the data for executives and security analysts.

#### Advanced Analytics Data Modeling

Provides a new level of automated analysis for data scientists.

#### Third Party Business Intelligence Tools

A completely open platform allows customers to leverage their existing BI technology.

#### Analyzer

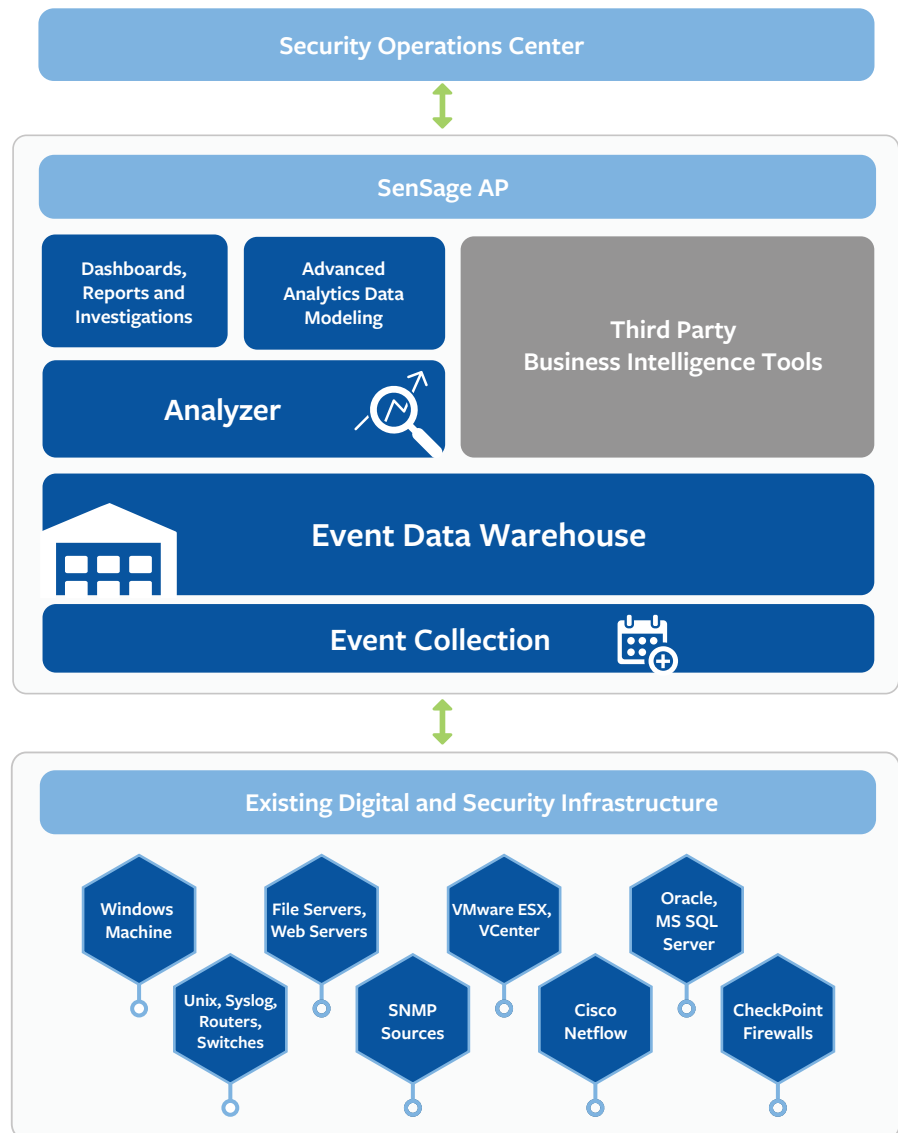
Full featured business intelligence module for managing users and reporting functionality.

#### Event Data Warehouse

Highly scalable data warehouse purposely built for loading, storing and analyzing mass quantities of event data.

#### Event Collection

Complete Extract, Transform and Load (ETL) solution for over 250 common IT sources.



SenSage AP architecture is built from the ground up with four main, unique capabilities: powerful analytics, rich reporting, simplified collection and massive-scale data warehousing.

### FOR MORE INFORMATION

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