Behavox Compliance on AWS

A behavioral surveillance platform

BEHAVOX   aws competency

Behavox is an AWS Advanced Technology Partner and an AWS Financial Services competency partner

Industry Trends

Financial institutions are in a replacement cycle for legacy surveillance platforms. Compliance teams are required by law to monitor employees and embracing cloud technology as part of wider organizational initiatives, to better integrate and harness the power of their data.

The consequence is that FS firms (sell-side banks, mutual funds, hedge funds, broker/dealers, sovereign wealth funds) are investing in big data Machine Learning driven platforms with these investments being led by compliance. The power of big data means, however, that front-office business leads are also heavily interested in ensuring that new investments are extensible into revenue-generating use cases that combine behavioral data with transaction data.

Challenges

Legacy platforms are dependent on non-ML powered "lexicon" alerts (e.g. long lists of keywords) that generate thousands of false positives each month. The consequence is ineffective teams and wasted effort. Moreover, existing surveillance tools can't capture and integrate phone/voice eliminating a critical information channel. And finally, a lack of compliance industry standards around lexicons means compliance teams work in isolation, increasing regulator risk.

Solution Overview

BEHAVOX

Behavox Compliance

Behavox is the behavioral operating system powered by AI that understands, learns, and transforms behavior and conduct within the workplace to build more successful organizations. Behavox ingests large volumes of unstructured communications data and uses Natural Language Processing and Machine Learning to convert that data into actionable insights.

The flagship use case is Surveillance and Compliance where Behavox is viewed as a best-in-class platform to monitor electronic and voice communications within global financial services institutions (sell-side banks, mutual funds, hedge funds, broker/dealers, etc) and where Behavox serves as the surveillance system-of-record. The platform has extensibility into a variety of other use cases focused on Front Office analytics and revenue generation.

aws

Behavox on AWS

The majority of Behavox customers opt for fully SaaS solution, implemented on infrastructure provided by AWS under a dedicated, fully encapsulated and secured AWS account operated by Behavox. However, Behavox does have considerable experience of deploying and servicing the Platform within customers environments on AWS.

Financial Services Partner Solutions

Discover scalable and secure Financial Services solutions that will empower you to achieve your business needs with Amazon Web Services (AWS) and AWS Partner Network (APN) members that have attained the Financial Services AWS Competency designation. Customer-ready solutions are based on architectures validated by AWS, include a combination of AWS services and APN Partner technologies, and can be deployed quickly to accelerate your cloud transformation.

Click here to get started in developing a customer-ready solution

Benefits

Behavox increases the effectiveness of FS compliance and surveillance teams, mitigates firmwide risk, decreases the possibility of multi-million dollar fines, and positions compliance and surveillance as strategic centers of excellence within the enterprise.

Reduce False Positives by 90%
Customers of Behavox report reduced false positive alerts by 90% on average

Increase True Positives by 5x
Discover market abuse and conduct violation sooner

A Complete Risk Profile
Gain a comprehensive risk profile by cross-referencing multiple data types (voice, email, chat, transaction data)

The Power of Voice Analysis
Leverage industry leading acoustic voice analysis and incorporate sentiment, biometry, and paralinguistics.

How It Works on AWS

The Behavox Platform is an enterprise-grade distributed high-load software system deployed on a cluster of virtual or physical commodity servers, and integrated with any corporate and third-party data systems such as Office 365, Bloomberg, Reuters, Symphony, RedBox, NICE and others. Behavox undertakes full responsibility for installation, integration and configuration as well as ongoing maintenance of the environment and underlying technology stack.

Getting started

Contact AWS and Behavox