



BioCatch Platform Powered by Microsoft Azure Significantly Reduces Online Fraud with Behavioral Biometrics for Analyzing Human-Device Interactions

MICROSOFT AZURE SOLUTION BUILDER PROFILE: BioCatch

BioCatch is a cybersecurity company that delivers behavioral biometrics, analyzing human-device interactions to protect users and data. Banks and other enterprises use BioCatch to significantly reduce online fraud and protect against cyber threats, without compromising the user experience. BioCatch covers tens of millions of customers at major banks worldwide.

WHAT WE OFFER



Criminal/User Profiling

The BioCatch system analyzes over 500 behavioral parameters and selects the ones most unique to an individual to create a user profile, making it highly distinguishable. Aside from authenticating against known user profiles, BioCatch flags known fraudster profiles across multiple apps.



Robotic Detection

The BioCatch system provides a unique way to confront robotic and aggregator activity. Invisible Challenges require the "user" to respond to tests that require passive hand-eye coordination, which robots ignore. This approach also prevents replay attacks with extremely high accuracy.



Malware/RAT Detection

The patented BioCatch platform on Microsoft Azure goes beyond traditional solutions, circumventing the need to maintain malware libraries or rely on known device IDs or IP addresses to catch fraud. The Invisible Challenges approach provides real-time fraud alerts, while minimizing false alarms.



Analyst Station

The Analyst Station web portal is an add-on module that provides a running view of all sessions and their risk scores, providing a powerful picture of session activity, including all types of remote access takeovers and trojans, malware, and other behavioral anomalies indicative of fraud.

WHAT OUR CUSTOMERS ARE SAYING

"The breadth of behavioral biometrics that BioCatch can monitor is really impressive, and we've already seen many examples of it alerting us to suspicious activity and protecting our customers from fraud." – Simon McNamara, CAO, NatWest

LEARN MORE

For more information, visit biocatch.com.

Microsoft Azure

Microsoft Azure is an open and flexible cloud platform that enables you to quickly build, deploy, scale, and manage applications across a global network of Microsoft data centers. You can build applications using multiple languages, tools, and frameworks.



KEY USE CASES

WEB APPLICATIONS

Build anything from lightweight websites to multi-tier cloud services that scale up as your traffic grows.

CLOUD STORAGE

Rely on geo-redundant cloud storage for backup, archiving, and disaster recovery.

BIG DATA & HPC

Get actionable insights from your data by taking advantage of a fully compatible enterprise-ready Hadoop service.

MOBILE

Accelerate your mobile app development by using a backend hosted on Microsoft Azure. Scale instantly as your install base grows.

MEDIA

Create, manage, and distribute media in the cloud – everything from encoding to content protection to streaming and analytics support.

FLEXIBLE APPLICATION MODEL

Microsoft Azure provides a rich set of application services, including SDKs, caching, messaging, and identity. You can write applications in .NET, PHP, Java, node.js, Python, Ruby, or using open REST protocols. This is all part of Microsoft's promise to let you build using any language, tool, or framework.

ALWAYS ON, ALWAYS HERE

Build resilient applications with automatic operating system and service updating, built-in network load balancing, and geo-redundant storage. Microsoft Azure also proudly delivers a 99.95% monthly SLA. You can rely on decades of experience in data center operations and trust that everything Microsoft Azure offers is backed by industry certifications for security and compliance.

DATA CENTER WITHOUT BOUNDARIES

Microsoft Azure makes it easy for you to integrate your on-premises IT environment with the public cloud. Migrate your virtual machines to Microsoft Azure without the need to convert them to a different format. Use the robust messaging and networking capabilities in Microsoft Azure to deliver hybrid solutions, and then manage your hybrid applications from a single console with Microsoft System Center.

GLOBAL REACH

With data centers around the globe, a massive investment in data center innovation, and a worldwide Content Delivery Network, you can build applications that provide the best experience for users, wherever they are.

Learn more: www.microsoftazure.com

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