appgate

BEHAVIORAL BIOMETRICS SERVICE
Enhance authentication and user experience

End users have become increasingly reliant on digital platforms and organizations are constantly searching for new ways to secure these experiences. Traditional authentication factors add complexity and friction to the login process and may not provide enough added protection.

Appgate's behavioral biometrics service learns and predicts fraudulent activity using behavioral analysis and machine learning. By understanding how end users interact with the keyboard and mouse during a given session, web-based behavioral biometrics validates that the user is who they say they are without added complexity or friction. It's completely invisible to the end user and provides a high level of accuracy in identifying malicious activity.

How it works

- Discover normal human behavior, identify anomalies
- Utilize the power of machine learning to truly understand how users interact with your digital platforms; this provides a high level of accuracy and seamless end user protection
- Set thresholds according to risk tolerance
- Set your risk score parameters and decide what is classified as high, medium or low risk
- Automate and customize incident response
- Easily configure and adjust how your organization responds to a risky login; based on the risk score for a given session, you can easily prompt action such as step-up authentication

Benefits

- Protect your customers with real-time decisioning
- Qualify the risk of any given login in real time based on how it fits with normal user behavior and utilize automated responses to quickly protect users
- Invisible to the end user
- Provide robust protection without interfering with the end user experience
- Flexible and API compatible
- APIs allow for ease of use and customization to implement behavioral biometrics according to your needs

BENEFITS:

Enhances security and authentication process

Integrates with existing authentication providers

Reduces the use of additional authentication factors
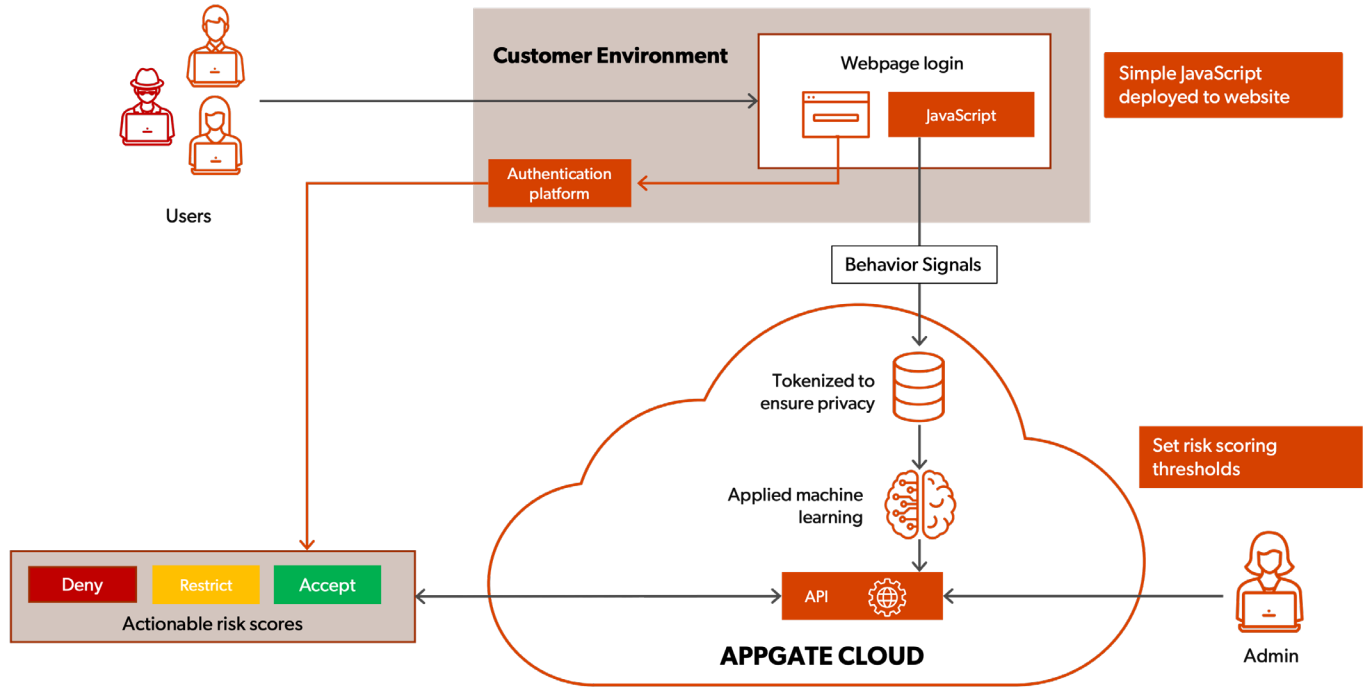
Adapts to organization risk tolerance

Per session protection

Improves user experience with less friction

When a user logs into their account, web-based behavioral biometrics seamlessly provides strong authentication based on known behaviors. There is no need for additional steps or a requirement to provide added authentication. By comparing the behavior of the user against previous sessions, fraudulent attempts can be prevented. Account takeover by humans and bots will appear different to usual behavior and scored as risky a session. Appgate's behavioral biometrics service can enhance authentication and the user experience.

About Appgate

Appgate is the secure access company. We empower how people work and connect by providing solutions purpose-built on Zero Trust security principles. This people-defined security approach enables fast, simple and secure connections from any device and location to workloads across any IT infrastructure in cloud, on-premises and hybrid environments. Appgate helps organizations and government agencies worldwide start where they are, accelerate their Zero Trust journey and plan for their future. Learn more at appgate.com