Behavioral Biometrics

Continuous, Frictionless Identity Authentication

Compromised online credentials account for most of today's data breaches. Recognize trusted customers and spot cybercriminals by establishing and analyzing "behavioral DNA" during an online session.

Prevent account takeovers and other cyber threats with contextual, cognitive and physiological user profiles that are created and monitored in real-time using deep learning and over 2,000 behavioral traits.

KEY BENEFITS

Reduces New Account Fraud
Identify criminal behavior & stolen/fake identities in the application flow and during online sessions.

Prevents Account Takeovers
Verify a user's identity and detect aberrant behavior with login anomaly detection algorithms.

Increases Digital Channel Use
Create greater customer confidence in new digital channels.

Frictionless Authentication
Reduce friction when authenticating users by replacing insecure passwords and eliminating CAPTCHA use.

Multifactor Authentication
When anomalous behavior is detected, step-up process prompts for added verification, such as fingerprint or facial scan.
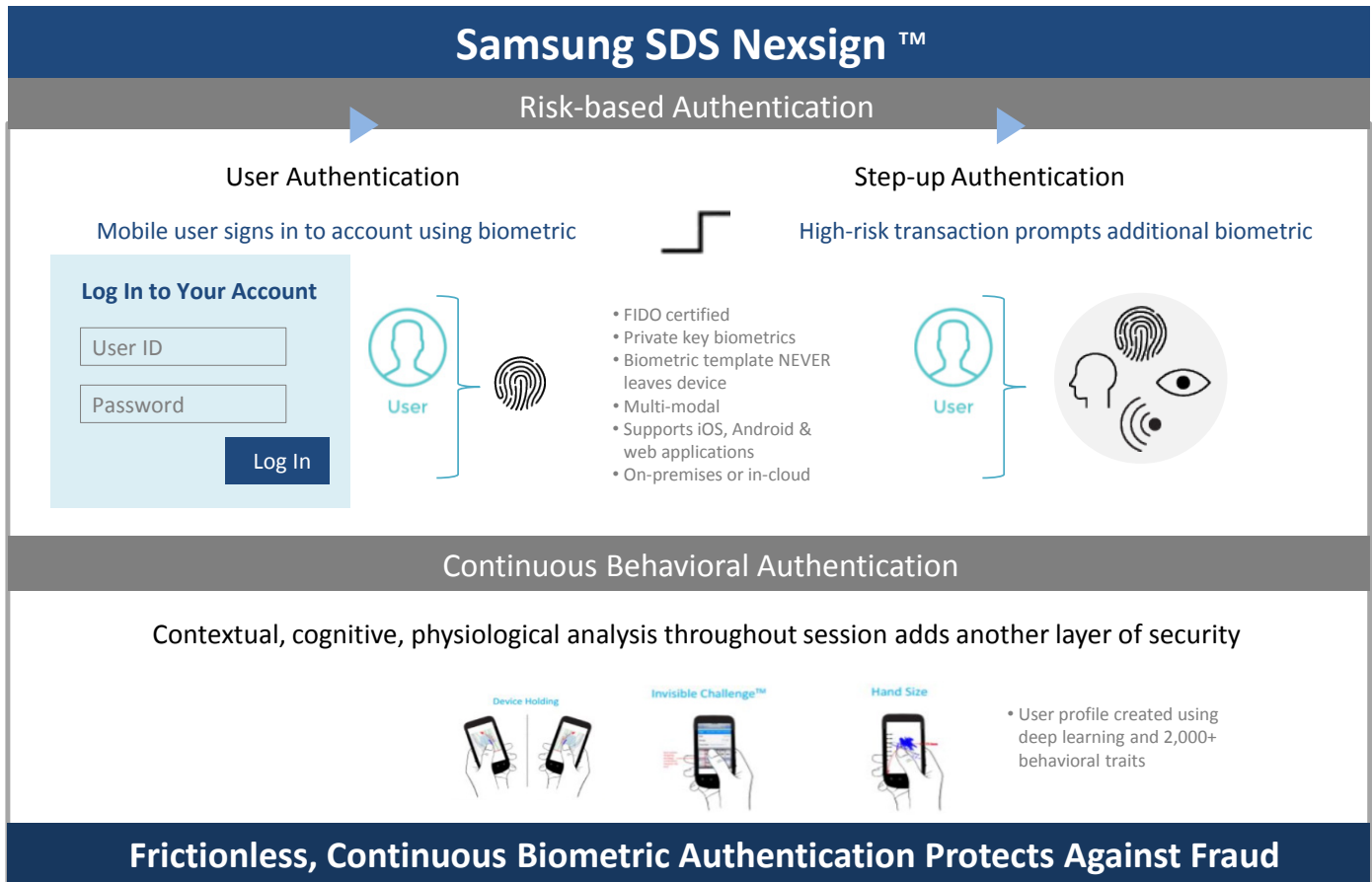
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Use Nexsign with Behavioral Biometrics to…

Prevent New Account Fraud and Takeovers: With fraud predominately coming from authenticated sessions, the integrity of an online visit is not assured simply at login. Continuous authentication helps prevent against account takeovers by detecting aberrant behavior using 2,000 behavioral patterns to verify a user's identity and analyze responses to invisible challenges.

Reduce friction when authenticating users by replacing insecure passwords with non-duplicative biometrics. Apply multifactor "step-up" authentication controls to further mitigate risk and reduce fraudulent activity.

Samsung SDS Nexsign ™

Risk-based Authentication

User Authentication

Mobile user signs in to account using biometric

Log In to Your Account

User ID

Password

Log In

User

- FIDO certified
- Private key biometrics
- Biometric template NEVER leaves device
- Multi-modal
- Supports iOS, Android & web applications
- On-premises or in-cloud

Step-up Authentication

High-risk transaction prompts additional biometric

User

Continuous Behavioral Authentication

Contextual, cognitive, physiological analysis throughout session adds another layer of security

Device Holding

Invisible Challenge™

Hand Size

- User profile created using deep learning and 2,000+ behavioral traits

Frictionless, Continuous Biometric Authentication Protects Against Fraud

ABOUT SAMSUNG SDS AMERICA, INC.

Samsung SDS America (SDSA) is the U.S. subsidiary of Samsung SDS, a $8B global software solutions and IT services company. SDSA helps companies optimize their productivity, make smarter business decisions, and improve their competitive positions in a hyper-connected economy using our enterprise software solutions for mobility, security and advanced analytics.

CONTACT US

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