Keyless for cryptocurrency exchanges

Making security intuitive with passwordless authentication

Despite their best efforts to protect users, crypto exchanges are being targeted by criminals and hackers that are exploiting both security vulnerabilities and a general lack of cyber awareness amongst users. To protect their users, exchanges must eliminate common attack avenues such as email and SMS links, passwords and OTPs from the authentication journey.

Cryptocurrency exchanges are being targeted more than any other vertical in the financial services sector

Crypto losses from hacks increased by 1000% from 2020 to 2021 →

crypto.com's £34m hack came through a 2FA exploit →

How Keyless can support exchanges to deliver better business outcomes

Our advanced passwordless authentication solutions help exchanges put a stop to hacks caused by compromised or weak credentials.

No passwords, PINs, OTPs, or hardtokens

Authenticating with Keyless doesn't require any additional apps, OTPs, or magic links—meaning users are less likely to fall victim to threats that exploit gaps in the authentication journey.

Enhanced reputation and trust in your platform

Keyless eliminates hacks and account takeovers caused by compromised credentials, SIM swapping, and ATO fraud—making it safer for users to store their digital assets on your exchange.

Seamless user experiences and security across devices

All users have the same user experience—enabling you to differentiate yourselves and stand out from competitors that use device-dependent biometrics.

Reduced burden on support teams

Keyless allows users to easily recover their accounts via their biometrics, reducing the burden on your helpdesk teams.

Decrease in failed and abandoned trades or payments

Our intuitive multi-factor authentication technology minimizes disruption during the payment journey while meeting PSD2-SCA requirements.

Keyless delivers continuous authentication throughout the user journey

Passwordless login

Keyless enables users to login without passwords, PINs, and one-time codes—simplifying security without compromising on UX.

Seamless payment authentication

Keyless offers PSD2 SCA-compliant authentication with one look into the camera, enabling users to quickly authorize trades and payments.

Trigger-based step-authentication

Keyless allows you to set up frictionless step-up authentication flows for high-risk payments and trades.

Biometric self-service account recovery

Users recover their accounts via their existing biometrics, improving the user-experience and stopping account recovery fraud.

Seamless MFA

Keyless combines privacy-preserving facial recognition and device verification software to authenticate users with one look into the camera.

Private-by-design

Keyless leverages privacy-preserving cryptography to secure biometric data, helping exchanges stay compliant with evolving privacy regulations.

Strong identity assurance

Keyless provides unmatched identity assurance during each authentication to ensure it's the genuine account holder.

About Sift & Keyless

Sift is the leader in Digital Trust & Safety, empowering companies of every size to unlock new revenue without risk. Sift recently acquired Keyless, the pioneer in digital trust through patented privacy-preserving biometric technology. Together both companies now deliver frictionless authentication and payments experiences that eliminate account takeover (ATO) fraud and increase the security posture, while making it easy to comply with ever-changing regulatory requirements such as the GDPR or PSD2.