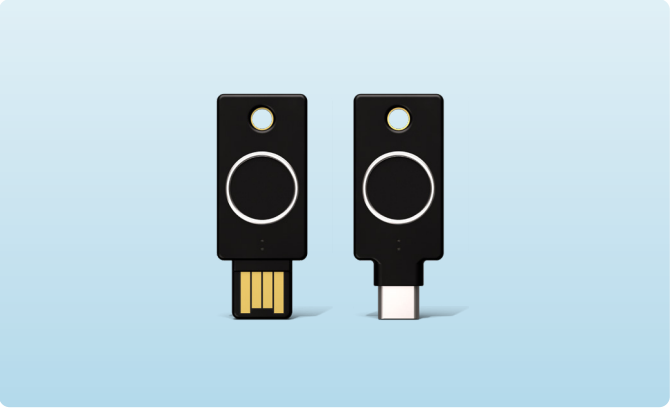
yubico

YubiKey Bio Series–FIDO Edition

The gold standard in biometric authentication

Experience passwordless login convenience and iron clad hardware security—to end account takeovers.



Passwordless with biometrics delivers strong security and enhanced efficiency

Organizations around the world are increasingly putting security requirements in place for biometric-based authentication for their users. A secure passwordless login experience, backed by biometrics, not only enhances the user experience with a simplified workflow, but also increases productivity in scenarios such as shared workstation environments where fast and secure task switching between users delivers greater productivity and overall efficiency. Organizations on the passwordless journey are challenged to deliver to their users a true passwordless experience with a high level of security that cannot be easily breached.

The YubiKey Bio Series enables secure and frictionless passwordless login

With the YubiKey Bio Series, users can experience secure passwordless using the highest assurance passkeys, leading to high levels of productivity. The YubiKey Bio Series is comprised of two security keys, YubiKey Bio - FIDO Edition and the YubiKey C Bio - FIDO Edition, and delivers the convenience of biometric login with the added benefits of Yubico's hallmark security, reliability and durability assurances. Biometric fingerprint templates are stored in the secure element that helps protect them against physical attacks. The result is a single, trusted hardware-backed root of trust delivering a seamless login experience across different devices, operating systems, and applications. With support for both biometric- and PIN-based login, the YubiKey Bio Series leverages the full range of multi-factor authentication (MFA) capabilities outlined in the FIDO2 and WebAuthn standard specifications. And, helps drive the adoption of safer password-less sign-in so everyone can be more secure and efficient.

The YubiKey Bio Series highlights

This lineup has been designed to meet the most stringent security requirements as part of the industry-leading legacy of Yubico. Key capabilities include:

- Support for both biometric and PIN-based login.
- Adherance to stringent hardware security requirements with the fingerprint template stored in the secure element on the device.
- Support for FIDO protocols such as FIDO Universal 2nd Factor (U2F), and WebAuthn/FIDO2.
- Ability to work across operating systems and browsers including Windows, macOS, Chrome OS, Linux, Chrome, and Edge.
- PIN management flexibility, including configuring minimum PIN length and enforcement of PIN change by users for higher security assrance
- Enhanced PIN complexity to enable future-proofing for compliance
- Enterprise Attestation that allows for greater trust in the passkey credential
- Support for up to 100 passkeys
- Availability in both USB-A and USB-C form factors with biometric support.

The YubiKey Bio Series focuses on the following authentication use cases

- Passwordless Multi-Factor Authentication (MFA)–Authenticator + Biometric or Authenticator + PIN: The fingerprint enables biometric authentication for greater convenience.
- Strong Two Factor Authentication (2FA)–Password + (Authenticator + Biometrics): The fingerprint sensor verifies user identity via a fingerprint instead of touch or tap, which verifies user presence.

YubiKeys deployed in:

9 of the top 10 global technology companies

4 of the top 10 U.S. banks

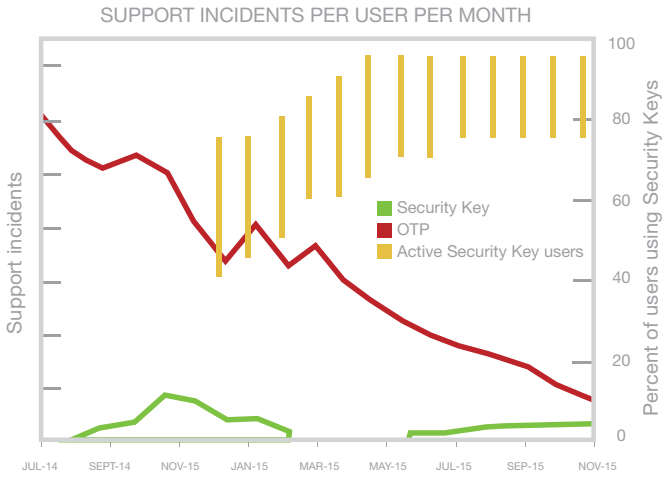
5 of the top 10 global retailers

YubiKey: Proven, easy-to-use security that's trusted by the world's leading companies



Prevent man-in-the-middle attacks and eliminate account takeovers

Any software downloaded on a computer or phone is vulnerable for malware and hackers. The YubiKey is based on hardware with the authentication secret or fingerprint stored on a separate secure chip built into the YubiKey, with no connection to the internet so it cannot be copied or stolen. Additionally, centralized servers with stored credentials can be breached. With the YubiKey, the data is encrypted with strong public key cryptography where only the public key is stored on the server, eliminating risks.



This graph illustrates how quickly Google reduced password support incidents after switching from OTP to YubiKey.[1]

Reduces IT costs

The YubiKey dramatically reduces the number one IT support cost—password resets.

By switching from mobile one time passwords (OTPs) to YubiKeys, Google saw the following results:[2]

- Zero account takeovers
- 4x faster logins
- 92% fewer IT support calls

Easy to use, fast, and reliable

In keeping with Yubico's design philosophy, the YubiKey Bio Series does not require any batteries, drivers, or associated software. The key seamlessly integrates with the native biometric enrollment and management features supported by various FIDO2/WebAuthn-enabled services, making it quick and convenient for users to adopt a phishing-resistant passwordless login flow.

Easy to deploy

IT can deploy the YubiKey Bio security keys in days, not months. With integration with many WebAuthn-enabled systems, as part of a broad ecosystem, the Yubico's biometric authentication key can help organizations accelerate their journey to a stronger security posture and employ cutting edge authentication approaches such as passwordless MFA and strong 2FA.

Trusted authentication leader

Yubico is the principal inventor of the WebAuthn/FIDO2 and U2F authentication standards adopted by the FIDO alliance and is the first company to produce the U2F security key and a multiprotocol FIDO2 authenticator.

YubiKeys are produced in our offices in the USA and Sweden, maintaining security and quality control over the entire manufacturing process.

WATER RESISTANT

CRUSH RESISTANT

MADE IN US & SWEDEN

[1-2] Google Research, Security Keys: Practical Cryptographic Second Factors for the Modern Web

Yubico (Nasdaq First North Growth Market Stockholm: YUBICO) is the inventor of the YubiKey, the gold standard in phishing-resistant multi-factor authentication (MFA), and a creator and contributor to FIDO open authentication standards. The company is a pioneer in delivering hardware-based passwordless authentication using the highest assurance passkeys to customers in 160+ countries.

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