



YubiKey 5Ci

The first dual connector YubiKey, supporting USB-C and Lightning connectors. Works with iOS and Android as a portable root of trust.

Relying solely on username and password security puts enterprise data at risk

Catastrophic security breaches top world headlines every day, and for good reason. A single corporate security breach costs an average of \$3.86M, and 81% of breaches are caused by stolen or weak passwords. As a result, IT organizations cannot rely exclusively on passwords to protect access to corporate data. They have to adopt stronger employee and customer authentication—or risk becoming the next target.

The YubiKey 5 Series eliminates account takeovers with strong multi-factor authentication

The YubiKey 5 Series is a hardware based authentication solution that provides superior defense against phishing, eliminates account takeovers and enables compliance for strong authentication. The YubiKey offers strong authentication with support for multiple protocols, including WebAuthn/FIDO2 the new standard enabling the replacement of weak password-based authentication. With the YubiKey, security is heightened by replacing passwords with strong hardware-based authentication using public key cryptography. And the YubiKey is easy to use, fast and reliable and is proven at scale to significantly reduce IT costs and eliminate account takeovers.

The YubiKey 5Ci—the newest addition to the YubiKey 5 Series family

The YubiKey 5Ci is a multi-protocol security key, designed with both a USB-C and Lightning connector, providing a unified solution for securing login on mobile and computing devices. The Lightning connector enables secure login on iPhones and iPads, while the USB-C connector works on mobile and computing devices using Android, Windows 10, macOS, Linux and ChromeOS.



YubiKey 5Ci—a single key to authenticate securely & seamlessly across devices & services

Enhance security with a dual connector, multi-protocol security key:

- Eliminates account takeovers and delivers strong phishing defense
- Enables secure web and mobile app login across all major operating systems
- Provides strong passwordless, strong two-factor and multi-factor authentication
- Supports WebAuthn/FIDO2, FIDO U2F, OTP and Smart Card capabilities

Increase mobile app security on iOS and Android

- Single unified solution delivers reliable, hardware-based authentication for apps on Macs, iPhones and iPads
- Secure apps on the full range of Android devices
- Secures employee-facing, in-house mobile apps
- Secures customer-facing mobile apps such as mobile banking apps, retail apps and many others

Streamline authentication with a portable root of trust

- Fast and easy user registration to websites and applications
- Rapid onboarding of a new device and establishing it as a trusted device
- Fast account recovery in the case of a lost or stolen device
- Experience high security with step-up authentication



**YubiKeys
deployed in:**

**9 of the top 10
global technology
companies**

**4 of the top 10
U.S. banks**

**2 of the top 3
global retailers**

YubiKey: Proven, easy-to-use security for mobile apps that makes being secure effortless

Secure enrollment for in-house and consumer-facing mobile apps

- The YubiKey stores the authentication secret on a secure element hardware chip. This secret is never transmitted and therefore cannot be copied or stolen, providing superior defense against phishing.

Flexible step-up authentication for high assurance transactions

- Once a user has verified their identity to the mobile app during enrollment, the YubiKey can be used for step-up authentication for high-value sensitive transactions, such as transferring funds above a threshold amount.

Reduces IT costs

- The YubiKey dramatically reduces the primary IT support cost—password resets—which cost Microsoft over \$12M per month.
- By switching from mobile OTPs to the YubiKey, Google reduced password support incidents by 92% because the YubiKey is more reliable, faster, and easier to use.
- In the event of an organization using mobile devices as a second factor, replacement costs are high if a user loses their device or it is stolen. In contrast, replacing a YubiKey is far more cost efficient and fast.

Easy to use, fast, and reliable

- Users don't need to install anything—customers or employees simply register their YubiKey, enter their username and password as usual, and plug in and tap the YubiKey when prompted.

Easy to deploy

- IT can deploy the YubiKey in days, not months. A single key can access multiple modern and legacy systems.

Trusted authentication leader

- Yubico is the principal inventor of the U2F and FIDO2/WebAuthn authentication standards adopted by the FIDO alliance and was the first company to produce the Security Key Series by Yubico that incorporates both U2F and FIDO2 support.
- The YubiKey is deployed in eight of the top ten global technology companies, four of the top ten US banks, and two of the top three global retailers.
- YubiKeys are produced in our offices in the USA and Sweden, maintaining security and quality control over the entire manufacturing process.

Yubico SDK for iOS and Android:

- The Yubico SDK for iOS and Android offers a simplified way for developers to integrate strong hardware-based authentication into mobile apps
- Enable rapid integration of the YubiKey 5Ci for mobile apps on iOS and Android
- Effectively secure enrollment to in-house and consumer apps
- Enable step-up authentication for sensitive transactions
- Deliver a seamless user experience
- For more information, please visit: <https://www.yubico.com/why-yubico/for-developers/>

⁴ "Saying Goodbye to Passwords," Alex Simons, Manini Roy, Microsoft Ignite 2017

Security Keys: Practical Cryptographic Second Factors for the Modern Web, Google Inc.

About Yubico Yubico sets new global standards for easy and secure access to computers, servers, and Internet accounts. Founded in 2007, Yubico is privately held with offices in Australia, Germany, Singapore, Sweden, UK, and USA. Learn why nine of the top 10 internet brands and millions of users in more than 160 countries use our technology at www.yubico.com.

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