Security Key Series by Yubico

Delivering exceptional security with FIDO2 and U2F.

Security Key Series by Yubico – An Overview

The Security Key Series by Yubico combines hardware-based authentication, public key cryptography, and the U2F and FIDO2 protocols to eliminate account takeovers. There are two security keys within this series—the Security Key NFC and the Security Key C NFC.

The Security Key Series works out of the box with hundreds of services already supporting FIDO U2F and FIDO2 authentication protocols including personal Microsoft accounts (for passwordless login), Google, Facebook, Twitter, Dropbox, a growing list of password managers, and many more FIDO2 and U2F compatible websites.

No additional software is required and authentication is easy, fast, and reliable. Simply insert the key into a USB port and authenticate with a simple touch, or tap the key to an NFC-enabled device for fast, easy, and secure authentication. The Security Key Series is highly durable, does not require batteries, has no moving parts, and is always on and accessible ensuring you can log in to your accounts with just a touch or tap.

Flexible Authentication Options – Passwordless, 2FA and MFA

FIDO2 and U2F are modern authentication protocols that deliver a high level of security using public key cryptography. FIDO2 marks an evolution of U2F by now enabling multiple user scenarios including strong first factor (passwordless), strong second factor or multi-factor authentication (passwordless plus PIN).

With these capabilities, the Security Key Series can entirely replace weak static username/password credentials with strong passwordless hardware-backed security, ensuring that these credentials cannot be reused, or shared across services. This helps protect against phishing and MiTM attacks and also mitigates risks related to server breaches. These protocols are also privacy preserving, with no personally identifiable information stored on the device, ensuring safety even if the key is misplaced.

Security Key Series by Yubico

The Security Key Series by Yubico offers NFC support enabling authentication with a simple tap-and-go. It delivers capabilities such as combining hardware-based authentication, public key cryptography, and U2F and FIDO2, along with USB support. With these capabilities, the Security Key Series helps eliminate account takeovers across desktops, laptops and mobile.

- Works out of the box with Google, Microsoft, Twitter, Facebook and hundreds of other services
- Supports FIDO2/WebAuthn and FIDO U2F
- Works across desktop and mobile with tap-and-go authentication for mobile phones
- Enhanced injection molding process leads to the strongest and most durable security key to market

NFC   USB-A   USB-C
Using Your Security Key Series
Secure any services that support the U2F and the FIDO2/WebAuthn protocols

For Personal Use
Individuals all over the world trust the Security Key Series by Yubico to help secure their Google, Dropbox and personal Microsoft accounts including access to services such as Outlook, Office, Skype, OneDrive, XBox Live, and many other services. One single security key enables secure log in on a practically unlimited set of services. It’s affordable, and easy to use.

For Developers
Use the Security Key Series to help secure your Google, GitHub, Dropbox, or personal Microsoft accounts, and leverage Yubico’s open source developer resources to integrate the Security Key Series into your own service, website, or application. Learn more on the Yubico developer site at dev.yubico.com.

For Businesses
Integrate support for the Security Key Series within your systems and applications that support FIDO to enable your users to protect access to their accounts, and re-prompt users to re-authenticate when performing sensitive transactions or accessing important assets. The Security Key Series is ideal for mobile-restricted or shared workstation environments.
Go to yubico.com/start for instructions on how to set up your Security Key Series by Yubico.

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.