

# Going passwordless

Never manage another password again

Passwords continue to be the weakest link facing businesses everywhere with a negative impact to the bottom line.

## Microsoft Azure Active Directory and the YubiKey by Yubico

Together, Microsoft and Yubico have paved the way for a passwordless future for organizations of all sizes. With FIDO2/WebAuthn, organizations can now benefit from a frictionless user experience while strengthening security with phishing-resistant authentication. Microsoft Azure Active Directory and the YubiKey by Yubico offer a solution that meets you where you are on the journey to passwordless.

## Powers the passwordless world— Log in 4X Faster

- Passwordless authentication eliminates phishing
- Azure Active Directory is the identity control plane
- The YubiKey unlocks access to apps and data

### Why use the YubiKey

The YubiKey is the most trusted enterprise-grade security key in the world. It's also the only future-ready multi-protocol device that spans generations of authentication technology enabling you to choose what's best for your organization's growing needs.

- Multi-Protocol
- Easy for all users
- Durability



## The bridge to passwordless

The multi-protocol YubiKey 5 Series keys offer flexibility across systems and environments to address a number of use cases.

- On-premises
- Cloud
- Hybrid

## Enables business modernization— Radically reduce IT support cost

- Faster login flows, no more forgotten passwords, and eliminate password reset scenarios
- Future-ready security key so you deploy once and update systems on the backend when ready

“Passwordless login represents a massive shift in how billions of users, both business and consumer, will securely log in to their Windows 10 devices and authenticate to Azure Active Directory-based applications and services.”

—Alex Simmons, Corporate Vice President PM,  
Microsoft Identity Division

## Multi-protocol authentication support you can trust

The YubiKey supports multiple methods for authentication, enabling the same key to be used across services and applications.

### Smart Card/PIV

The YubiKey supports native integration for the Microsoft environment, enabling rapid deployment.

### FIDO2 and U2F

Yubico co-authored the FIDO2 and U2F standards with Microsoft and Google and is a founding member of the FIDO Alliance.

### One Time Password

For systems you cannot easily modernize, we recommend using one time password can strengthen security.

### Yubico sets global standards for authentication

The YubiKey delivers strong hardware protection with a simple touch across any number of IT systems and online services. The YubiHSM, Yubico's ultra-portable hardware security module, protects sensitive data stored in servers.

Yubico is a leading contributor to both the FIDO2 and FIDO Universal 2nd Factor open authentication standards, and the company's technology is deployed and loved by 9 of the top 10 internet brands and by millions of users in 160 countries.

Founded in 2007, Yubico is privately held, with headquarters in Sweden and USA.

## How the YubiKey Works

### Register your YubiKey

Go to the "My Sign-Ins" page for your Microsoft account settings, add an authentication method, select security key, specify USB device and follow prompts to create PIN.

### Insert YubiKey and tap

On a computer, insert the YubiKey into a USB port and touch the YubiKey to verify user presence. Then, touch and name your YubiKey. That's it!

## Modern authentication at the touch of a button



### Blocks remote attacks

- Phishing is the primary method for stealing credentials from employees, vendors and customers
- The YubiKey provides advanced phishing protection to stop account takeovers



### Easy to use, fast, and reliable

- The YubiKey is crush-resistant and waterproof
- It requires no battery or network connectivity
- Four times faster than typing a One Time Password



### Reduces IT support costs

- 20-50% of help desk calls are for password resets, making them the #1 IT support cost
- Proven to reduce password support incidents by 92%