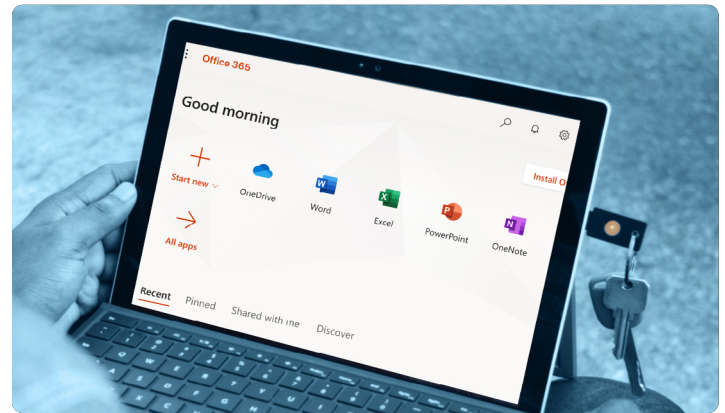
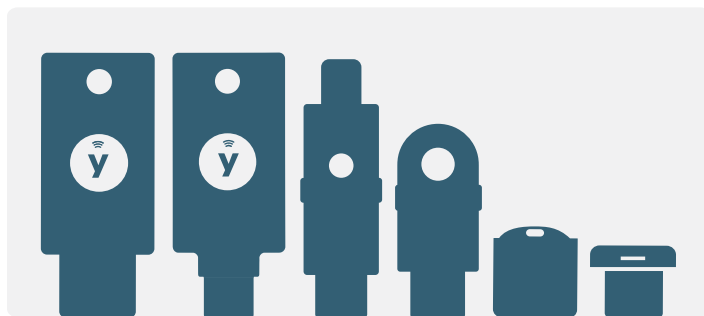




# Microsoft 365 Protection for the Public Sector

Highest-assurance, zero-trust security that protects against account takeovers.

Government and other public sector agencies using Microsoft 365 require strong authentication in the cloud, similar to on-premises Personal Identity Verification (PIV) and Common Access Card (CAC). Multi-factor authentication using the YubiKey offers the highest security and best user experience to protect Microsoft 365. The YubiKey is a Department of Defense (DOD) Privileged User Working Group (PUWG) and Deputy CIO for Cybersecurity (DCIO-CS) approved multi-factor authentication (MFA) for DOD unclassified and secret classified information systems and applications. With multi-protocol support including PIV/CAC, OTP, FIDO2/ WebAuthn, and FIDO U2F, YubiKeys offer future-proofed multi-factor authentication. With respect to FIDO2 specifically, YubiKeys fulfill many authentication gaps the PIV/CAC was not designed for. FIDO2 enables government and other public sector agencies to use hardware-based MFA in combination with a PIN, for cases where PIV will not work.



## The YubiKey offers the highest security and best user experience

- FIPS 140-2 validated to meet the highest authentication assurance level 3 requirements (AAL3) of NIST SP800-63B guidelines
- Phishing-resistant security proven to stop account takeovers
- High ROI via user self-service
- Works with Azure Active Directory, Active Directory, and leading Identity, Credential and Access Management (ICAM) solutions
- Works as a portable root of trust for device authentication to Microsoft 365 mobile app

## Proven to stop account takeovers

- Phishing-resistant to advanced Man-in-the-Middle attacks
- Hardware backed public-key cryptography
- Origin binding validates whether user is signing into the real site

## High ROI

- Easy to deploy and manage
- User self-service for provisioning, registration, and account recovery
- Highly durable, no batteries, screens, or moving parts

## How the YubiKey works

## Highest-assurance authentication with a touch



### Government-compliant authentication security

YubiKeys are FIPS 140-2 validated to meet the highest authentication assurance level 3 requirements (AAL3) of NIST SP800-63B guidelines. They are also WebAUTHN, FIDO, FIDO2 and DFARS/NIST SP 800-171 compliant, and approved for use in DOD Non-Classified and Secret Classified Environments.



### Integrated with leading ICAM solutions

The YubiKey integrates out-of-the-box with Microsoft 365 accounts federated via Identity, Credential and Access Management solutions such as Okta, Ping Identity, RSA, and Duo.



### Works with AD Azure MFA and Active Directory

Multi-protocol YubiKey 5 Series security keys enable logins using OTP via Azure AD MFA, as well as using Smart Card infrastructure to on premises Active Directory accounts.



### Native passwordless support with Azure AD

The YubiKey can authenticate directly with Azure Active Directory accounts using passwordless logins (currently in public preview).



### Access via Microsoft Accounts

The YubiKey is natively supported by Microsoft Accounts enabling easy secure access to Microsoft 365 and more.

## Multi-protocol authentication support

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

### Smart Card/PIV

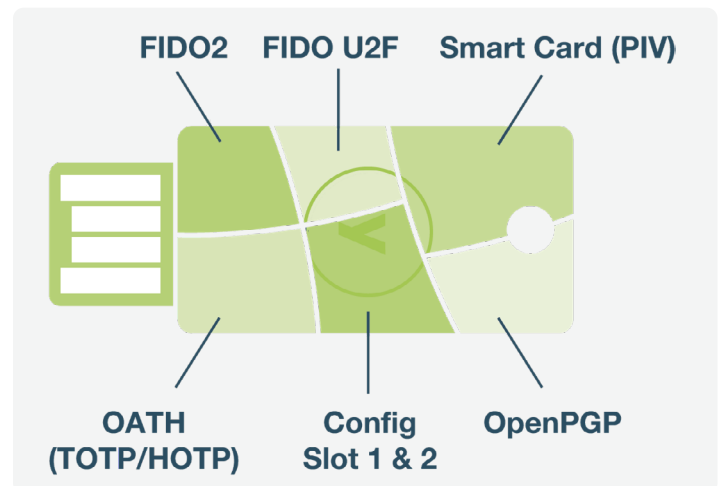
The YubiKey supports out-of-the-box native integration for the Microsoft environment, enabling rapid deployment.

### 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

Enable OTP to integrate with legacy systems which cannot be easily modernized.



## 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/WebAuthn authenticator. Yubico's technology is deployed in governments and other public sector agencies, and loved by millions of users across 160 countries.