



Yubico Enterprise Solutions

Modern phishing-resistant authentication and security for the digital enterprise

Digital transformation raises data breach risks

The average total cost of a data breach is \$4.35 million, and it takes an average of 323 days to identify and contain a breach.¹ This necessitates more secure authentication than passwords and mobile-based authenticators.

Yubico is leading the charge for secure, affordable, and easy authentication

To reduce account takeovers, Yubico offers affordable and easy to use phishing-resistant two-factor, multi-factor and passwordless authentication with:

- Superior hardware cryptographic security that is resistant to phishing and man-in-the-middle attacks.
- Unmatched simplicity with 4x faster logins that ensure proof of presence and possession.
- Trusted solutions from an industry leader pioneering global authentication standards like FIDO2, FIDO U2F and WebAuthn.

YubiKeys have been proven to offer the highest levels of security against account takeovers in independent research, preventing targeted attacks.



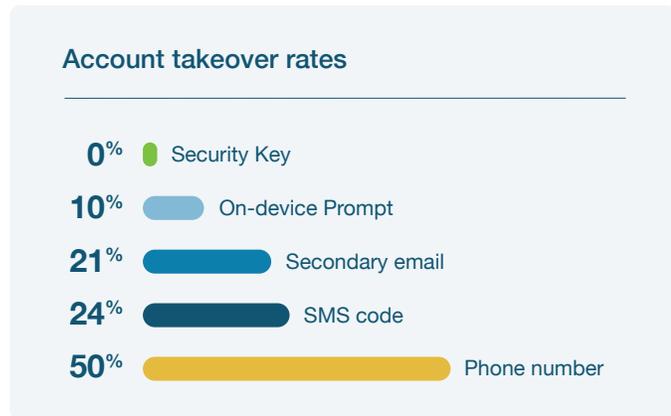
Protecting 4,000+ global businesses

Yubico protects the worlds' leading brands including Google, Novartis, Hyatt Hotels, Wealthfront, Microsoft, CERN, Dyson and Salesforce. Organizations across industries such as Financial Services, Public Sector, Healthcare, Retail, Manufacturing, Education and Technology have reduced risk by 99.9%, seen a drop in password-related helpdesk tickets by 75%, and experienced a 203% 3-year ROI with YubiKeys.²

Secure, one-touch access to devices, applications and online services

YubiKeys: Protect online accounts, mitigate phishing attacks, stop account takeovers and reduce support desk costs with the industry's #1 security key.

- Phishing-resistant hardware based authentication with one simple touch.
- Works with hundreds of applications and services including leading identity access management solutions such as Microsoft, Okta, Ping, and Duo.
- Multiple protocols on a single key bridge legacy and modern applications, and MFA to passwordless, delivering high ROI.
- FIPS 140-2 validated (Overall Level 1 Certificate #3907 and Level 2 Certificate #3914, Physical Security Level 3) to meet the highest authentication assurance level 3 requirements (AAL3) of NIST SP800-63B guidelines.
- Multiple form factors for desktop, laptops, mobile devices and tablets.



Research by Google, NYU, and UCSD based on 350,000 real-world hijacking attempts. Results displayed are for targeted attacks.



4,000+ Yubico customers including

Services	 Pro Svcs + Support	 COMING SOON Customization	 Subscription	 Delivery
Integrations	Open Source Servers	SDKs, libraries, APIs	3rd Party	YubiCloud OTP Validation
Certifications	YubiKey 5 FIPS Series (FIPS 140-2, Overall Level 1 Certificate #3907 and Level 2 Certificate #3914, Physical Security Level 3). YubiHSM 2 FIPS (FIPS 140-2, Overall Level 3 Certificate #3916). CSPN certified.			
Software Features	Driverless OTP Yubico OTP, OATH	Public Key PIV smart card, OpenPGP, FIDO, WebAuthn	Yubico Authenticator for desktop and mobile	HSM SDK
Hardware Form Factors	<p style="text-align: center;">Authenticators</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>YubiKey 5 Series</p>  </div> <div style="text-align: center;"> <p>YubiKey Bio Series —FIDO Edition</p>  </div> <div style="text-align: center;"> <p>YubiKey 5 FIPS Series</p>  </div> </div>			<p>HSM</p> 

Efficiently and cost-effectively procure and deploy YubiKeys globally and at scale with YubiEnterprise

Yubico offers flexible and cost-effective enterprise plans that help organizations with 500 users or more move away from legacy and broken MFA, and accelerate towards phishing-resistant authentication at scale. With YubiEnterprise Subscription, organizations can benefit from a predictable OPEX model, the flexibility to meet user preferences with choice of any YubiKey, upgrades to the latest YubiKeys, and faster rollouts with easy access to Deployment Services, Priority Support and a dedicated Customer Success Manager.

Subscription customers are also eligible to purchase additional services and product offerings, such as YubiEnterprise Delivery, a global turnkey hardware key distribution service to residential and office locations across 49 countries.

Rapidly enhance strong authentication with software and tools from Yubico

Yubico Authenticator: Cross-platform authenticator app that improves security and portability by storing TOTP secrets on a YubiKey and not on the mobile phone.

Computer Login Tools: Secure login options for organizations and individuals on Windows and Mac computers.

Low cost, high security cryptography for applications, servers and computing devices

YubiHSM: Get cryptographic hardware security at a fraction of the cost and complexity of traditional Hardware Security Modules (HSMs). The ‘nano’ YubiHSM enables secure key storage and operations with custom application support using open source libraries and PKCS#11.

Organizations can also take advantage of the FIPS 140-2 validated YubiHSM 2 FIPS (Level 3 Certificate #3916), the world’s smallest HSM that is optimized for portability and price/performance ration.

Comprehensive services and support

YubiCloud: Cloud-based one-time password (OTP) validation service for easy integration with services.

Support Services: Yubico experts ensure that organizations get up and running smoothly, get help quickly through a 24x7 help desk, and receive comprehensive technical integration and support services.

Realize the future of authentication with the trusted leader

Yubico is a principal inventor of the WebAuthn/FIDO2 and U2F authentication standards adopted by the FIDO Alliance and W3C, and is the first company to produce the U2F security key and a multi-protocol FIDO2/WebAuthn authenticator.

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



WATER RESISTANT



CRUSH RESISTANT



MADE IN US & SWEDEN

¹ IBM Security, Cost of a Data Breach Report 2022

² Forrester Consulting Total Economic Impact™ Study, September 2022, metrics based on a composite organization

About Yubico As the inventor of the YubiKey, Yubico makes secure login easy. As a leader in setting global standards for secure access to computers, mobile devices, and more, Yubico is also a creator and core contributor to the FIDO2, WebAuthn, and FIDO Universal 2nd Factor (U2F), and open authentication standards. For more information, please visit: www.yubico.com.

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