yubico

Yubico Enterprise Solutions
Modern authentication and security for the digital enterprise

Digital transformation raises data breach risks

A single security breach can cost $8.9 million on average[1], with phishing attacks and account takeovers accounting for 61% of breach threat vectors[2]. This necessitates more secure authentication than passwords and SMS codes.

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

To reduce account takeovers, Yubico offers affordable and easy to use 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.

Account Takeover Prevention Rates

Security Key	100%
On-device Prompt	90%
Secondary email	79%
SMS code	76%
Phone number	50%
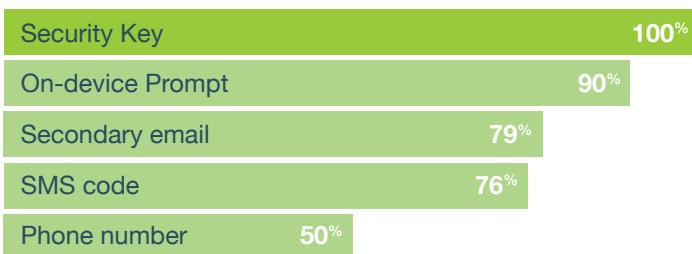
Research by Google, NYU, and UCSD based on 350,000 real-world hijacking attempts. Results displayed are for targeted attacks.

Protecting 4,000+ global businesses

Yubico protects the worlds' leading brands including Google, Novartis, Wealthfront, Microsoft, CERN, Dyson and Salesforce. Organizations across industries such as Financial Services, Public Sector, Healthcare, Retail, Manufacturing, Education and Technology have reduced account takeovers and improved productivity with Yubico solutions.

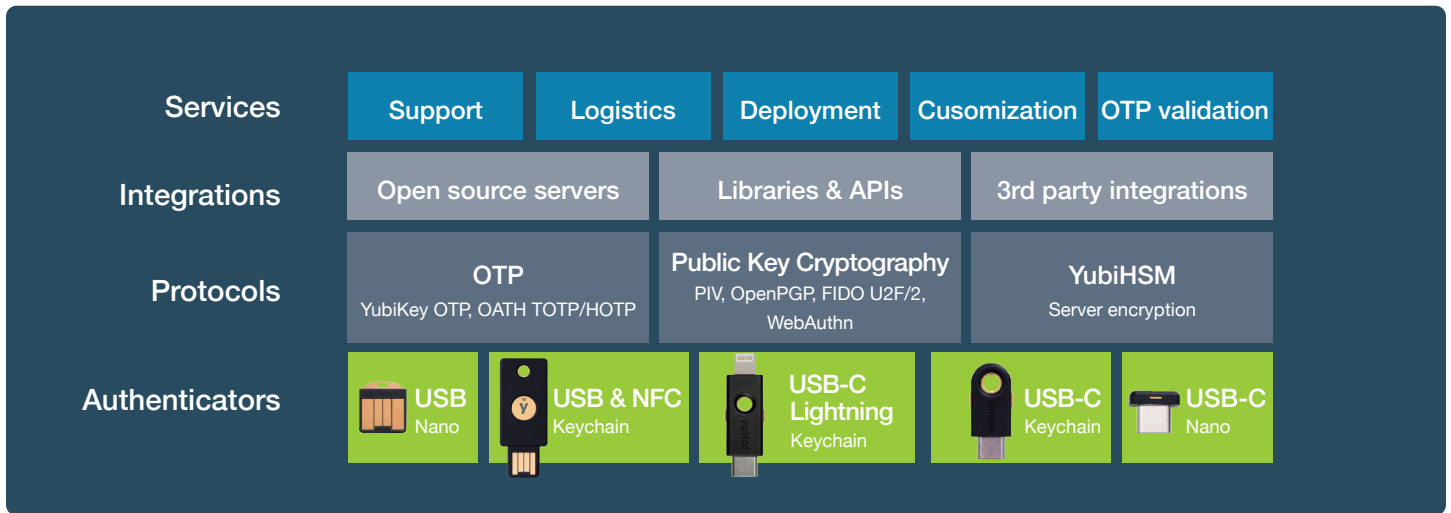## Secure, one-touch access to devices, applications and online services

YubiKeys: Protect online accounts, mitigate phishing attacks, stop account takeovers and reduce support desk costs by over 90% with the industry's #1 security key.

- Strong 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, delivering high ROI.

- FIPS 140-2 validated 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.

4,000+ Yubico customers including

Google · GOV.UK · facebook · dyson · salesforce · Dropbox · NOVARTIS · ZorgSaam · CERN · wealthfront

Services	Support	Logistics	Deployment	Cusomization	OTP validation
Integrations	Open source servers		Libraries & APIs		3rd party integrations
Protocols	OTP YubiKey OTP, OATH TOTP/HOTP		Public Key Cryptography PIV, OpenPGP, FIDO U2F/2, WebAuthn		YubiHSM Server encryption
Authenticators	USB Nano	USB & NFC Keychain	USB-C Lightning Keychain	USB-C Keychain	USB-C Nano

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

YubiEnterprise Subscription: OpEx model to achieve predictable spending with annual per user pricing that includes futures product upgrades and customer support.

YubiEnterprise Delivery: Automate provisioning of YubiKeys via a cost-effective cloud-based service. Yubico logistics experts process keys directly for end-users.

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.

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] Verizon, Data Breach Investigations Report, 2019

[2] Ponemon Institute, Cost of Data Breach Study, 2019