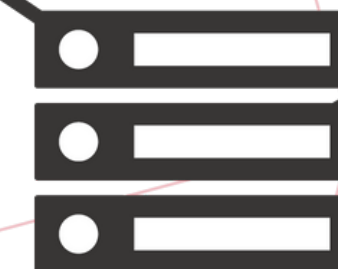
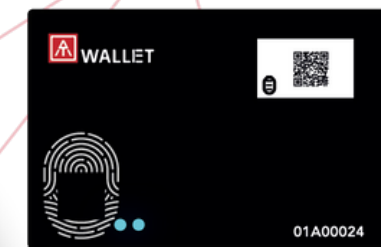
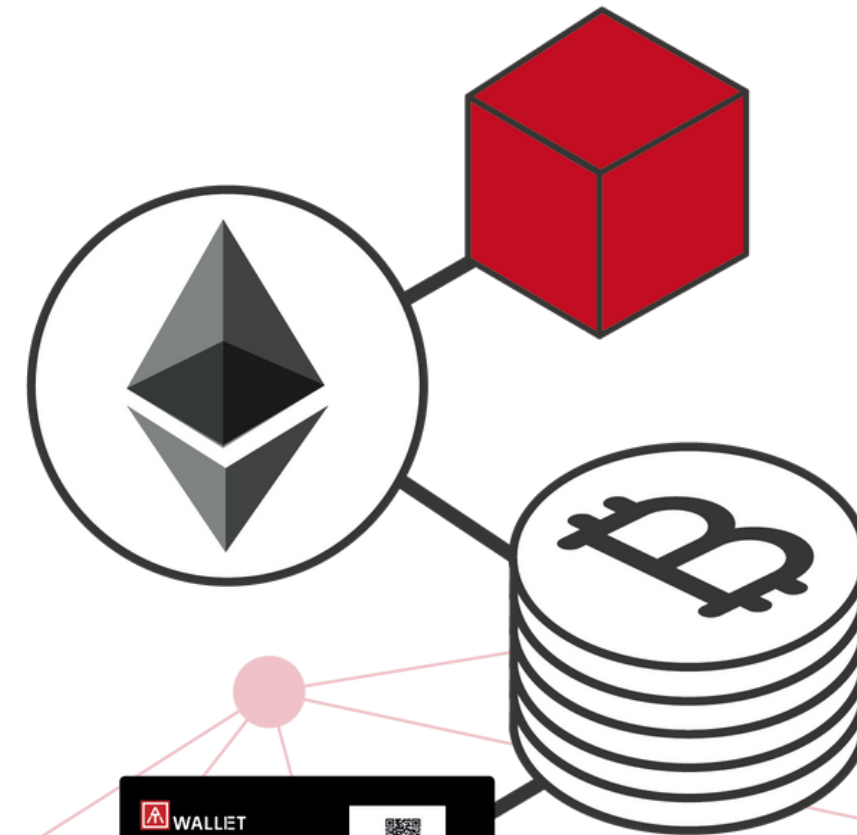


NO MORE PASSWORD

AUTHENTREND
The trend of Authentication



arm





Our mission is to replace passwords with fingerprints for higher security and convenience.

First fingerprint security key solution company receive FIDO2 certifications.

Largest number of FIDO2 certifications in Taiwan.

Best fingerprint recognition speed.

Top 10 Multifactor Authentication Companies in APAC-2020





Why your multifactor authentication platform should include biometrics?



"The FBI PIN report recommends the addition of biometric factors and behavioral information checks to multifactor authentication (MFA) approaches."



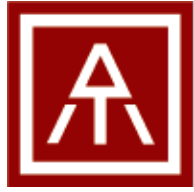
"Biometrics are easier to use, more accessible to the needs and preferences of the person and are significantly harder for criminals to exploit."



"Biometrics are proving to be better than passwords because they're easier to use, provide greater privacy and security, and are gaining standardization across a broad base of mobile, desktop, and server devices that users rely on to access online services."

Forbes





How about to eliminate passwords, only by biometrics?



Greater Security



Convenience

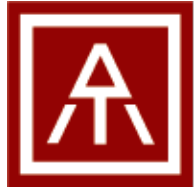


Lower IT
Support Costs

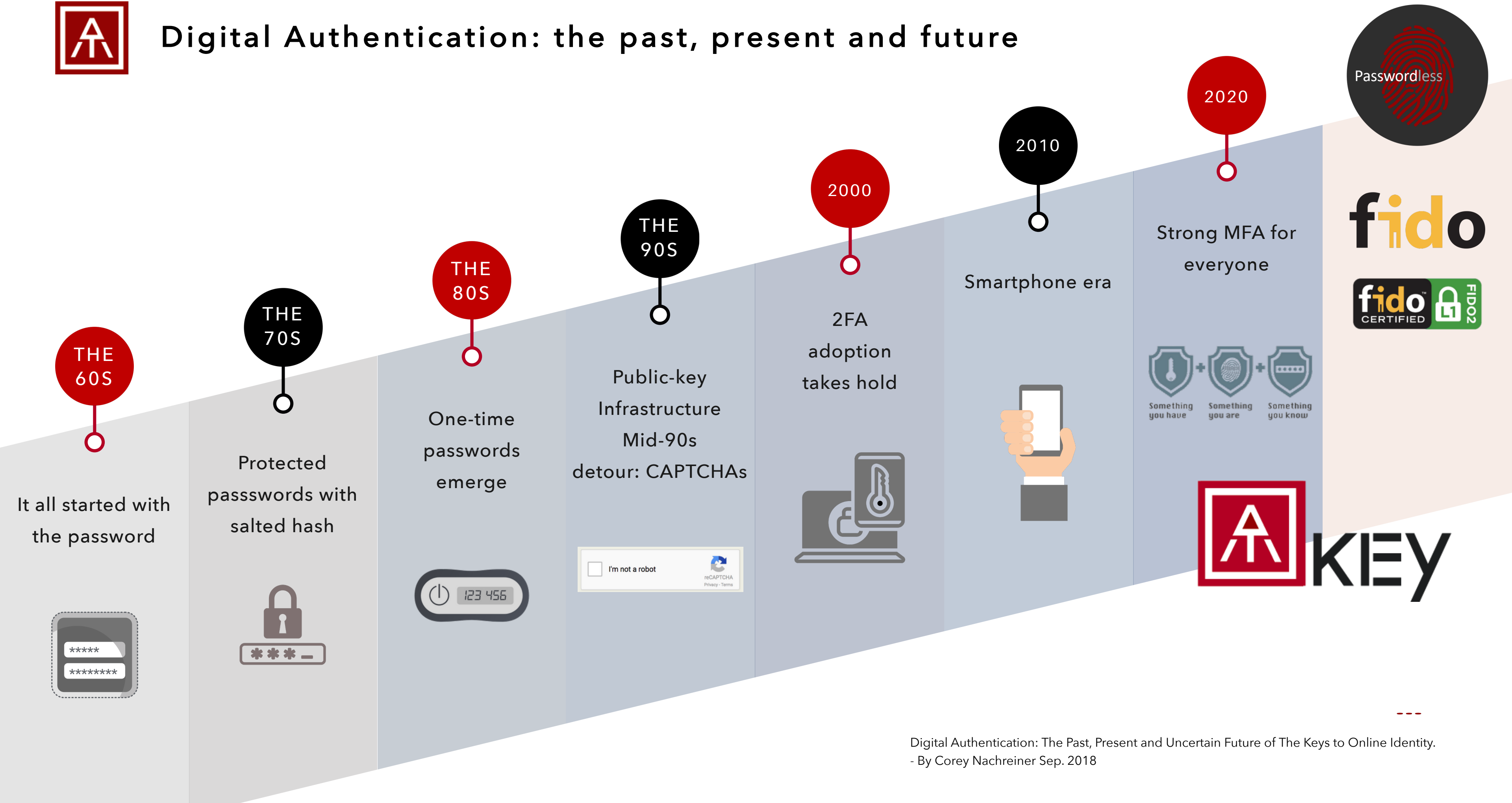


**ATKey solutions match the new
Remote Workforce Model**

AuthenTrend's Fingerprint Enabled Security Key solutions operate equally well in on-premise or remote work environments.



Digital Authentication: the past, present and future



AUTHENTREND

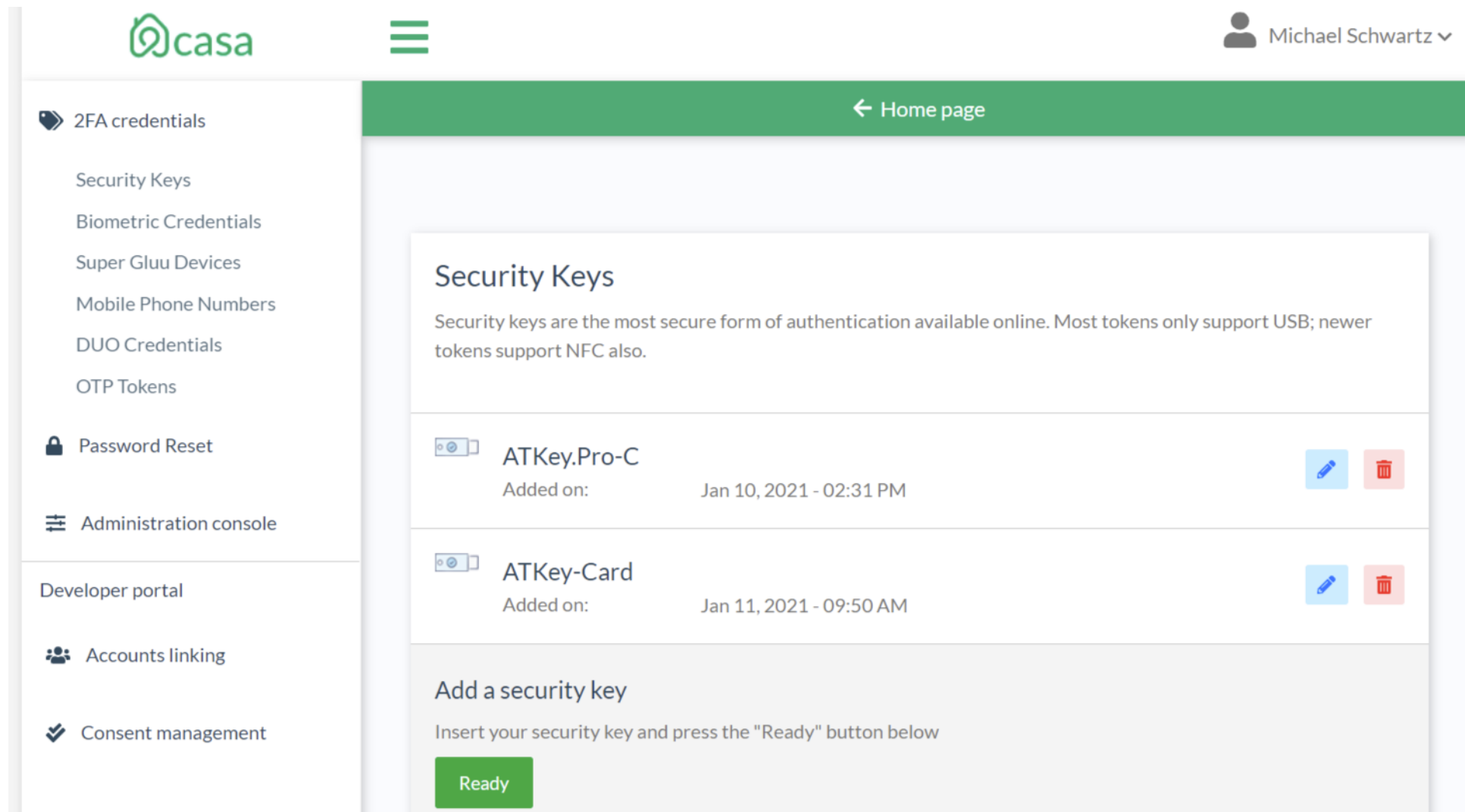
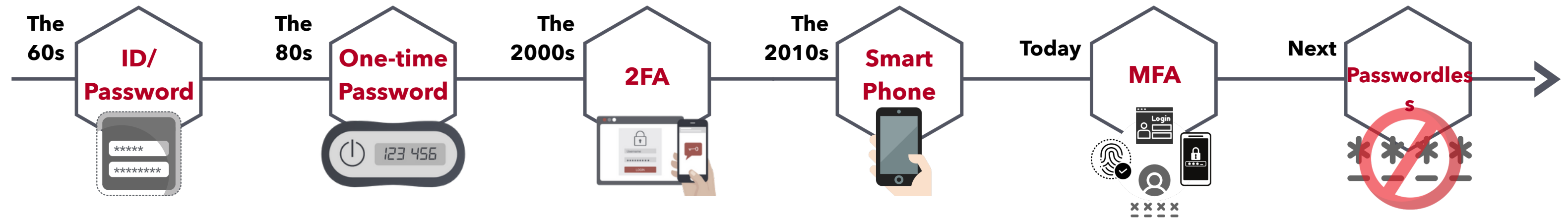
X



**Going passwordless with an
ATKey for smarter security**



Passwordless Solution - AuthenTrend's ATKey with Gluu





Product portfolio

ATKEY.PRO

- Fingerprint enabled FIDO2 security dongle
- SDK/API ready to enable OTP
- Windows, Mac, Chromebook, Linux



ATKEY.CARD

- Fingerprint enabled FIDO2 security key built-in USB/BLE/NFC interfaces
- Smart Badge for IT authentication, NFC access control & BLE location tracking
- Windows, Mac, Chromebook, Linux, Android, iOS



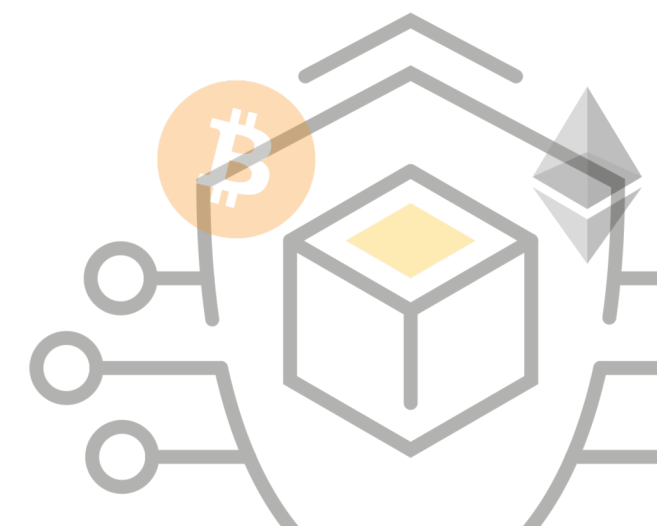
ATKEY.HELLO

- Windows Hello fingerprint dongle
- SDK ready for Fingerprint matching on Windows application or Windows server



ATKEY.WALLET

- Fingerprint enabled cryptocurrency cold wallet
- USB/BLE for Windows, Mac, Android and iOS

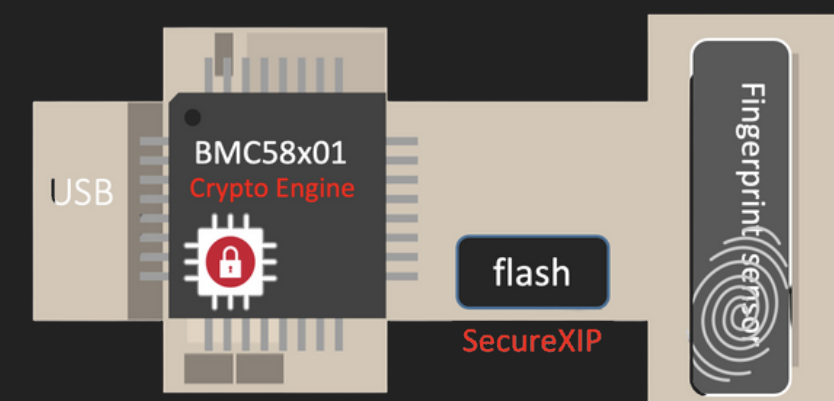




Product Briefing | ATKey.Pro



A **FIDO2-certified**, side-mounted **fingerprint security key** that enables passwordless authentication in less than a second from any angle.



15.0 x 26.5 x 8.3mm
Weight: 3.3g



Type A

17.7 x 31.6 x 8.7mm
Weight: 3.7g



Type C



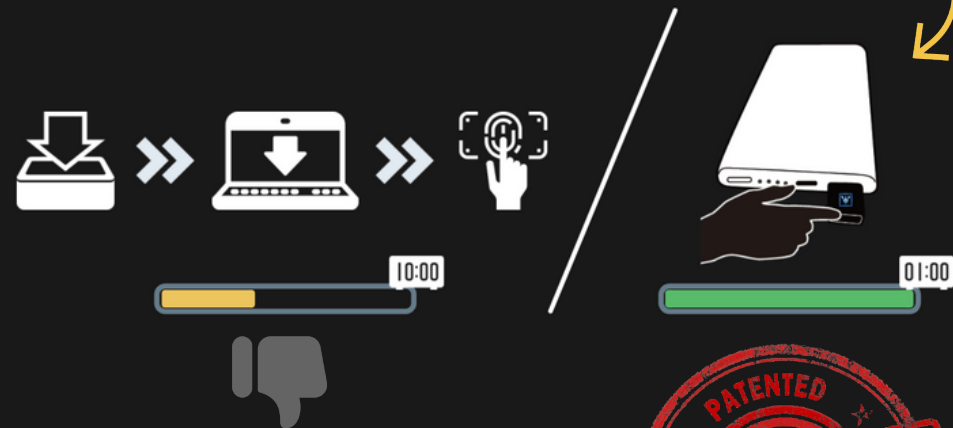
- Fingerprint Enabled USB Dongle for U2F and FIDO2
- USB HID Device
- Broadcom Secure SoC (FIPS 140-2 Level3 certificate) with SecureBoot & SecureXIP enabled
- Up to 10 Fingerprints, matching < 1 sec
- Bonus: Hardware base password manager Bio-Safe™



Why ATKey?



No proprietary app and driver needed



Enroll Fingerprint

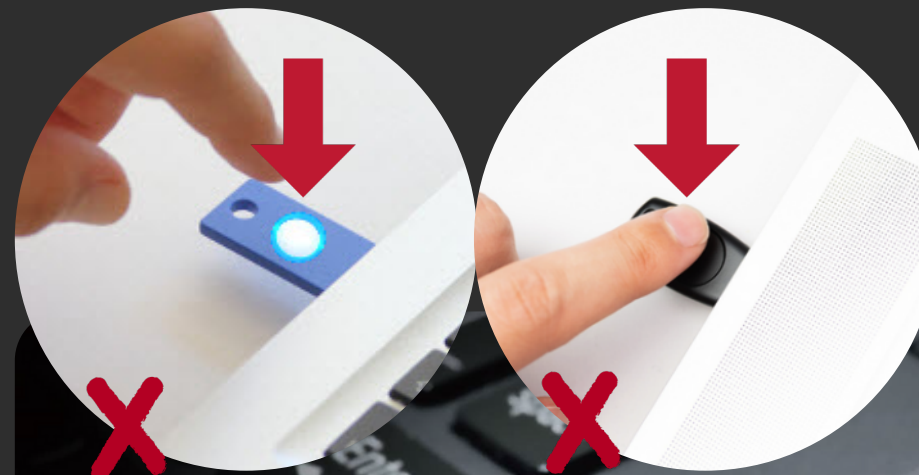
- Users can enroll fingerprints into ATKey directly, no need to download, install or connect to an app for fingerprint enrollment.

Instructional Video-

- ATKey.Card: <https://youtu.be/wyxdFyRYcog>
- ATKey.Pro: https://youtu.be/uoSf_B9hTY8

Best Fingerprint User Experience

- Easy to touch (captured the fingerprint image)
- Great FRR (Finger rejection rate) < 2%
- Matching 10x fingerprints < 1 sec



Touch force direct to PC,
super easy to capture the
fingerprint image for
matching, any angle to touch.



Slim and Compact Design

- Small and compact design, key can stay with your laptop always



Product Briefing | ATKey.Card



Smart Badge type security card can communicate with the host through **USB/BLE/NFC** interfaces, including FIDO2, and FIDO U2F.

- USB HID + BLE (Bt4.2) + NFC (Mifare typeA); no driver needs
- Portable key for any Windows, Mac or Chromebook
- Portable key for Android (NFC/BLE) and iOS (BLE)
- EAL 6+ Infineon SE/NFC (SLE78)
- Up to 8x fingerprints, matching < 1 sec., FAR < 1/50,000, FRR < 2 %
- Built-in 90mAh Li-on battery, allow more than 150 times fingerprint authentications after battery full charge



Tap-to-Login (Surface GO2 for Business)

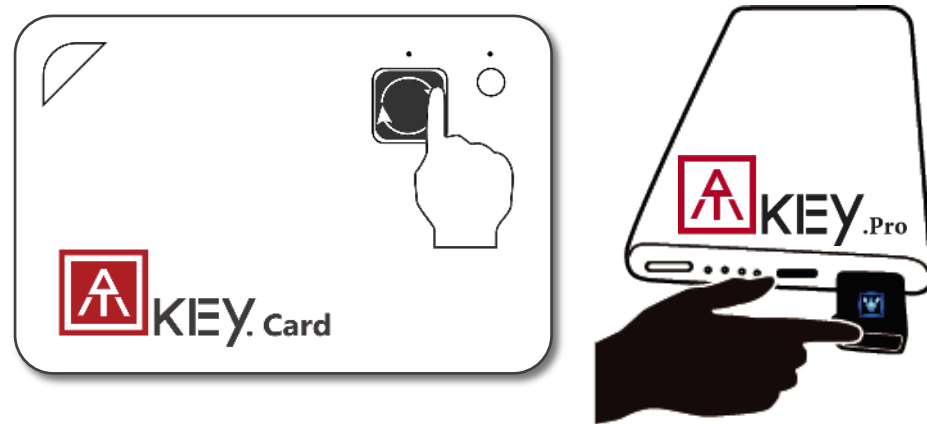


With Built-in battery, ATKey.Card currently is the **only** FIDO2 security key can enable the tap-to-login feature on Surface Go2 for business edition.

Windows 10 Enterprise users who leverage Azure Active Directory or Hybrid Environments have a great **"tap-to-login"** experience using ATKey.Card with their Windows 10 Surface Go 2 for Business edition

Step 1

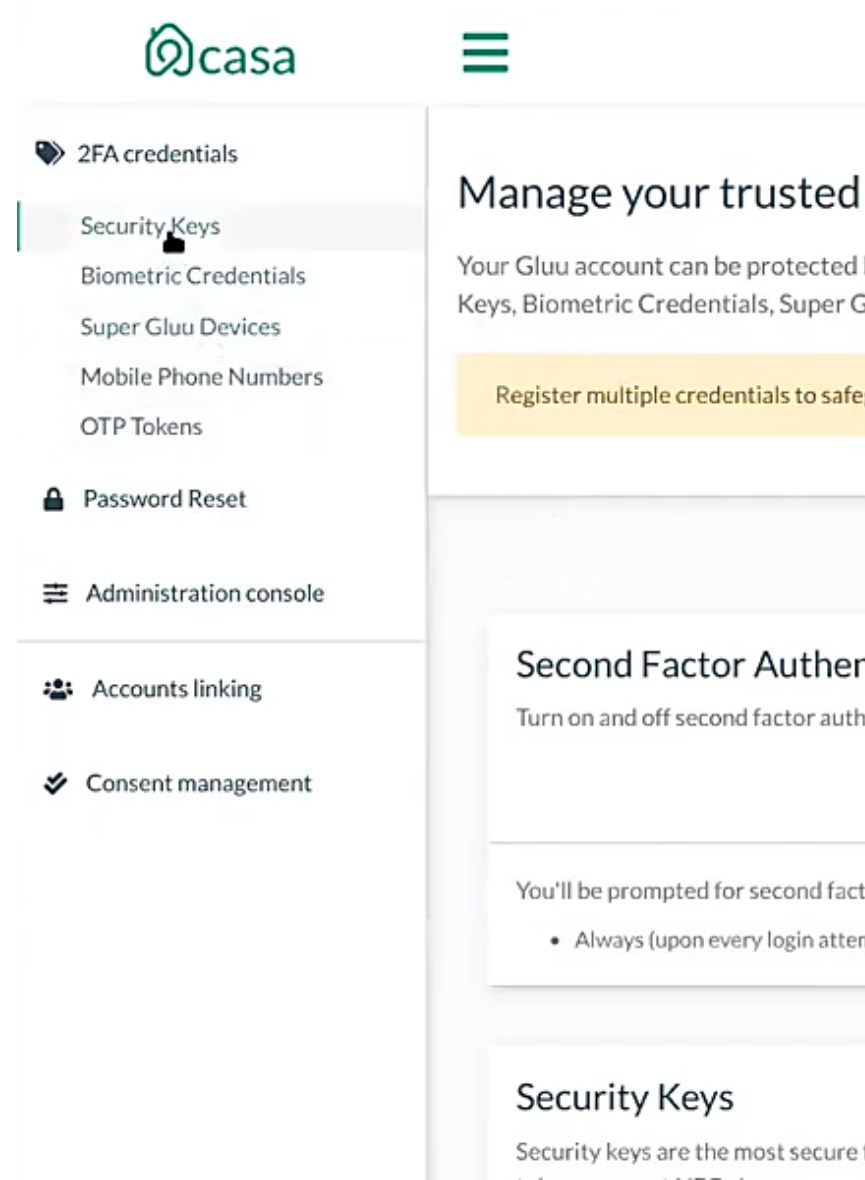
Enroll Fingerprint to ATKey



Through Windows Settings
(build 1903 or later version)

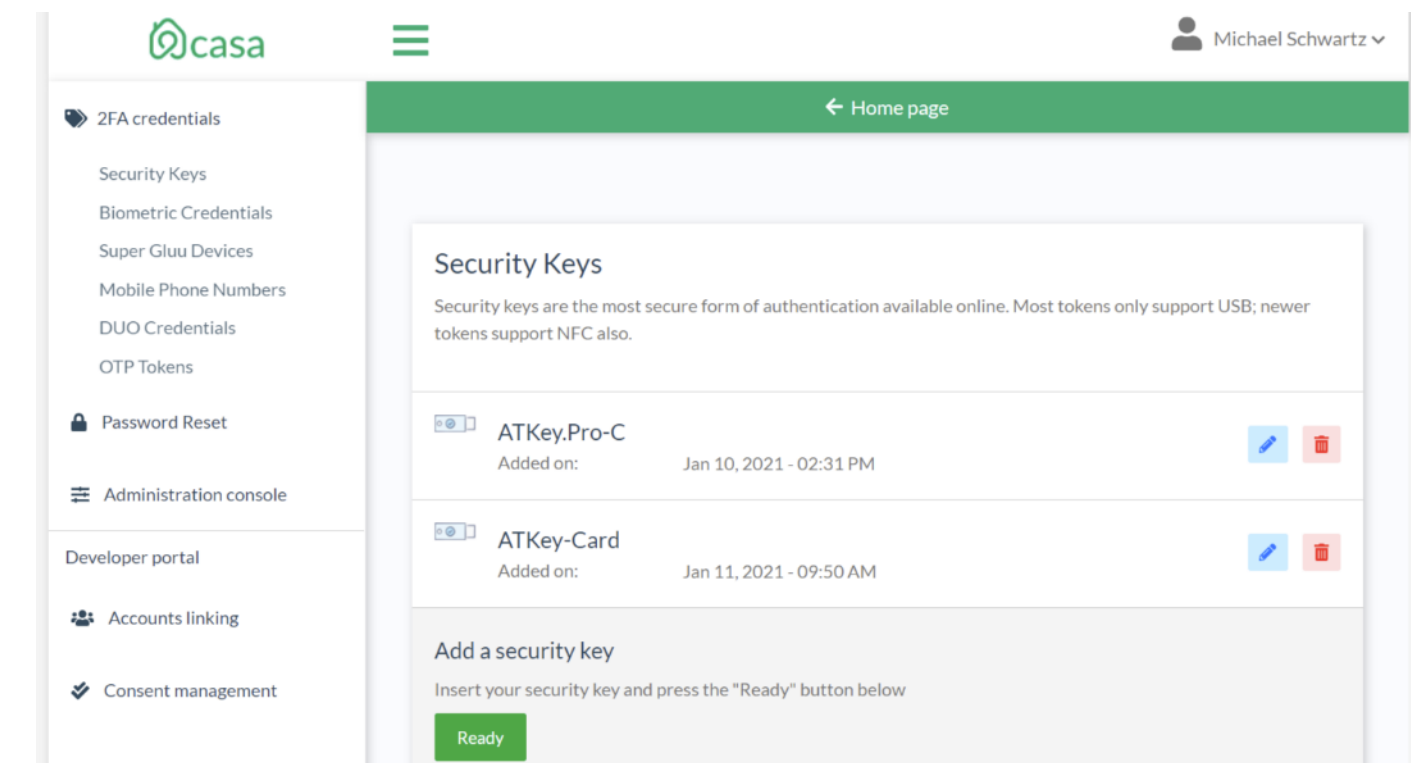
Step 2

Register ATKey to the Gluu Server



Step 3

Fingerprint Matching for Authentication



Let's Connect!

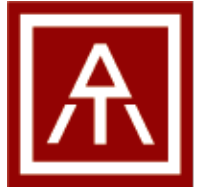
Athena.Chiang@AuthenTrend.com

www.linkedin.com/in/athena-chiang-95621144/

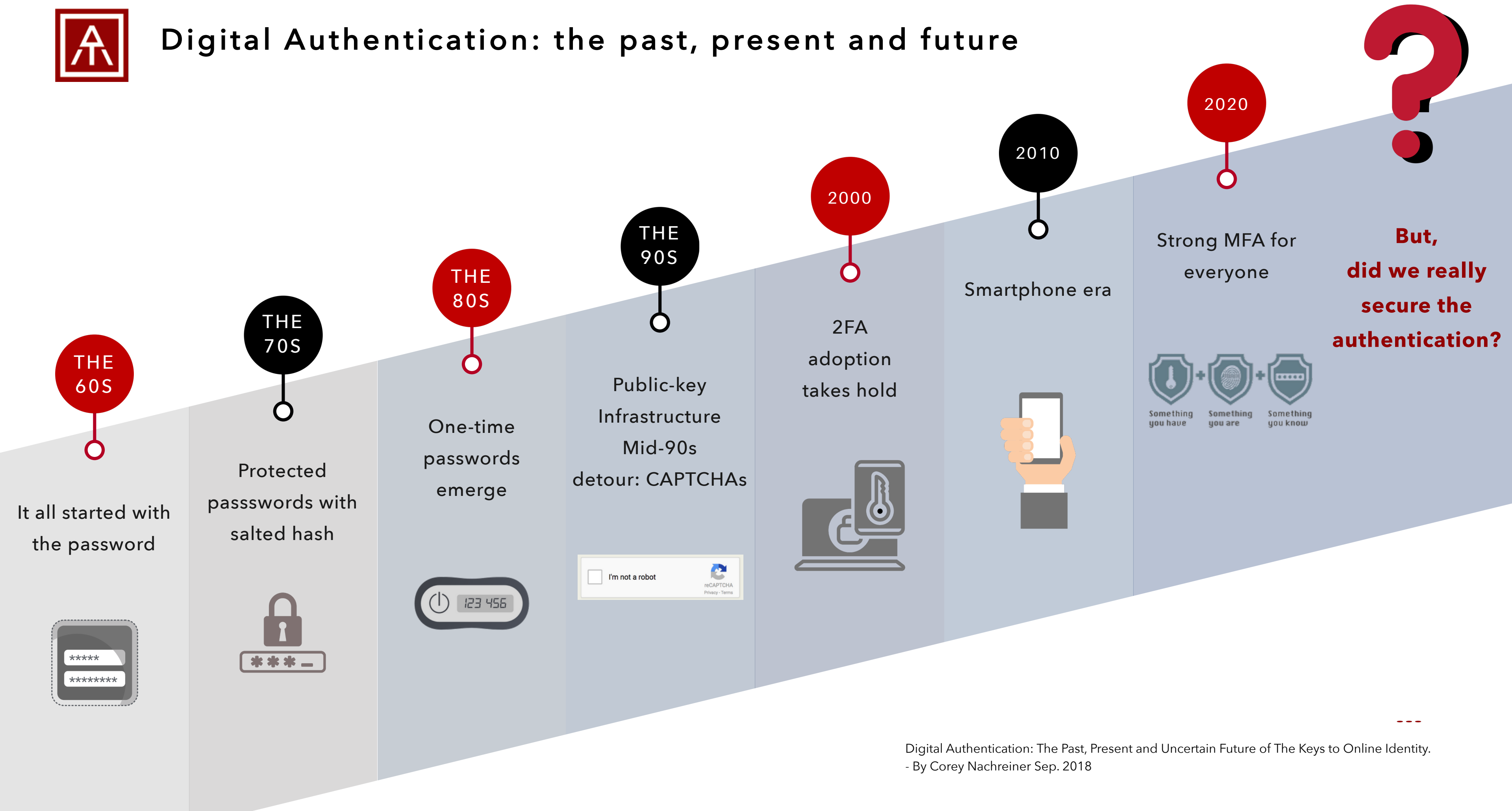
 www.AuthenTrend.com

 contact@authentrend.com



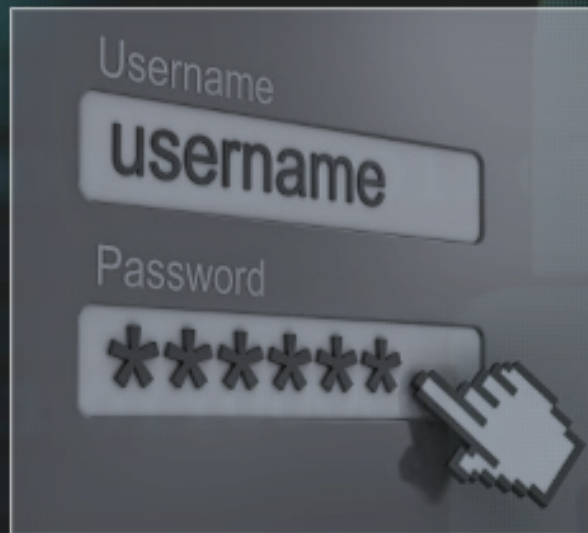


Digital Authentication: the past, present and future





Passwords risks



Change password regularly



Hacker

“81% of hacking-related breaches used with stolen or weak password”

-Verizon 2017 Data Breach Investigations Report

“stolen and/or weak passwords number still comes in at around 80%, with 29% of breaches caused by stolen credentials.”

-Verizon 2019 Data Breach Investigations Report

<https://enterprise.verizon.com/resources/reports/dbir/>



The hidden it costs in password

Gartner®

“ Between **20% to 50%** of all help desk calls are for password resets. The average help desk labor cost for a single password reset is about **\$7-70.** ”



“ Large organizations spend up to **\$1 million** per year on staffing and infrastructure to handle password resets alone.”

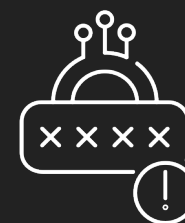
FORRESTER®



The hidden costs in password security



"In a single month of 2017, Microsoft had to reset **868,000** passwords for users, resulting in support expense of over **\$12 million**."





Lastpass market research (oct.2020)

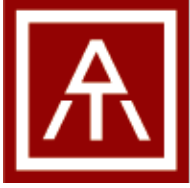
TIME SPENT MANAGING PASSWORDS EACH WEEK



Weekly time spent managing users' password and log in information has increased 25% since 2019.

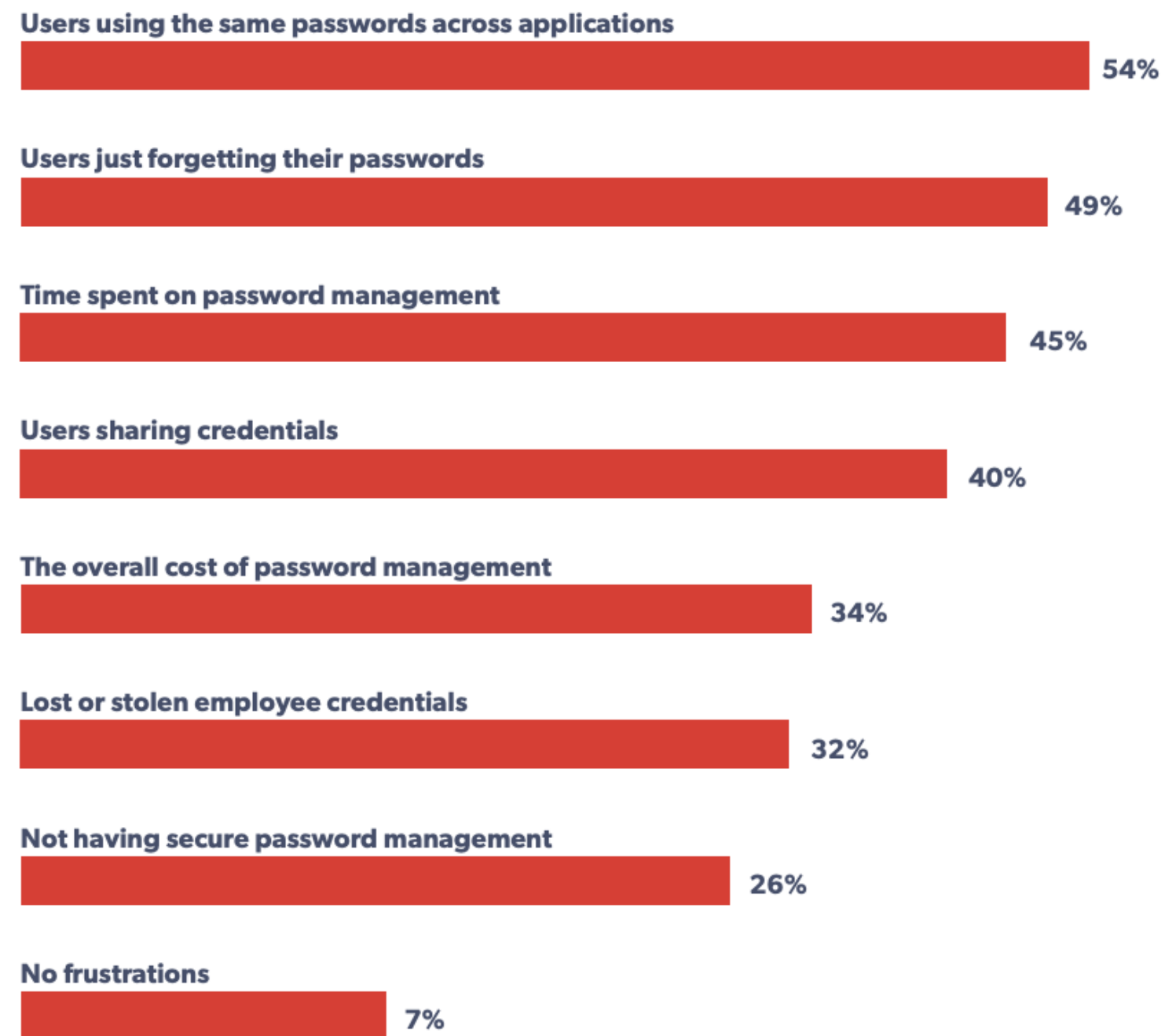


"750 IT and security professionals were interviewed in April and May 2020, ranging from CIOs and CISOs, through to IT managers and analysts. The respondents were from a variety of private and public sectors, across the US, UK, France, Germany, Australia and Singapore, and were from organizations with between 250 and 3,000 employees."

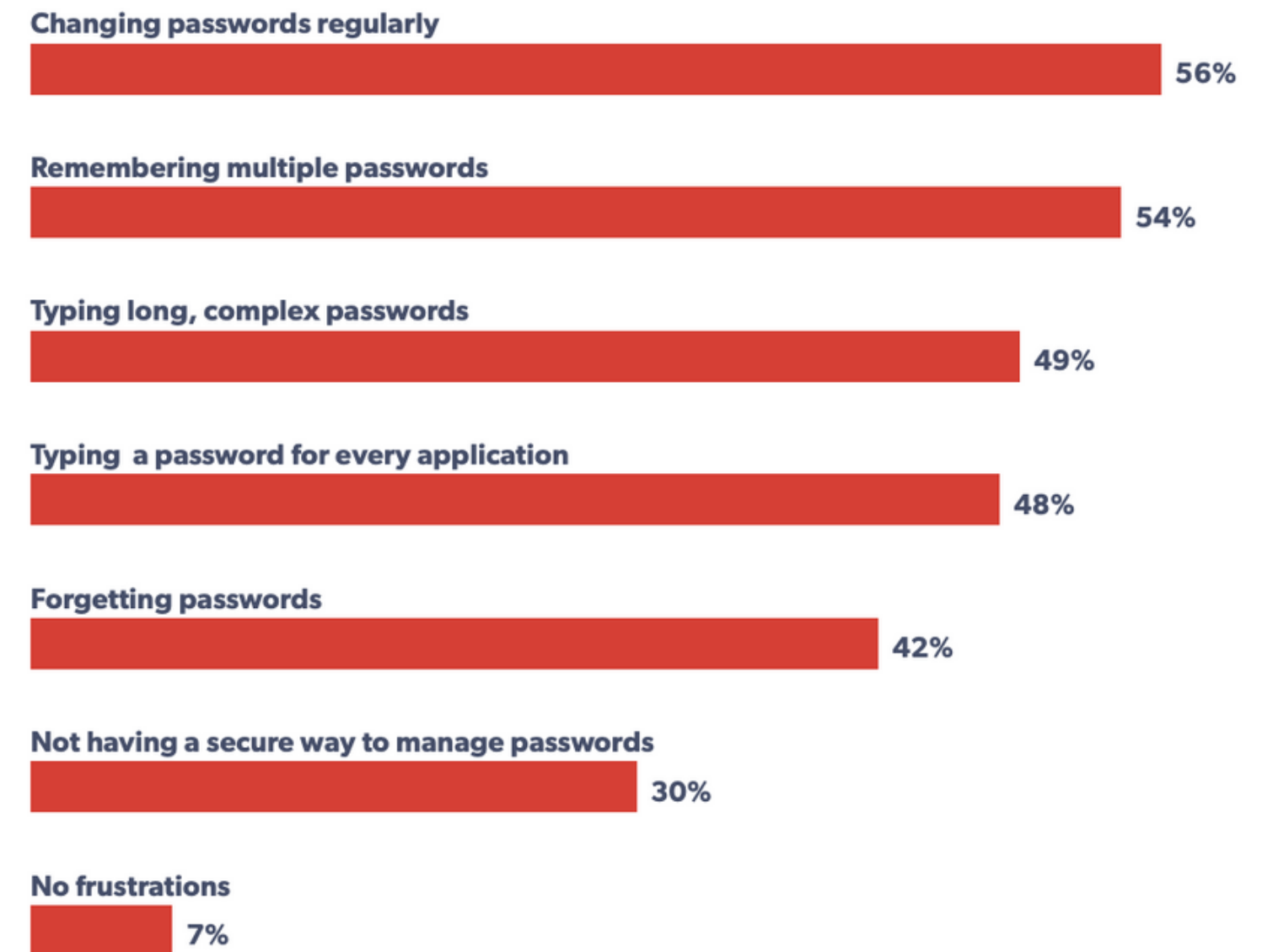


Lastpass market research (oct.2020)

IT DEPARTMENT PASSWORD CHALLENGES



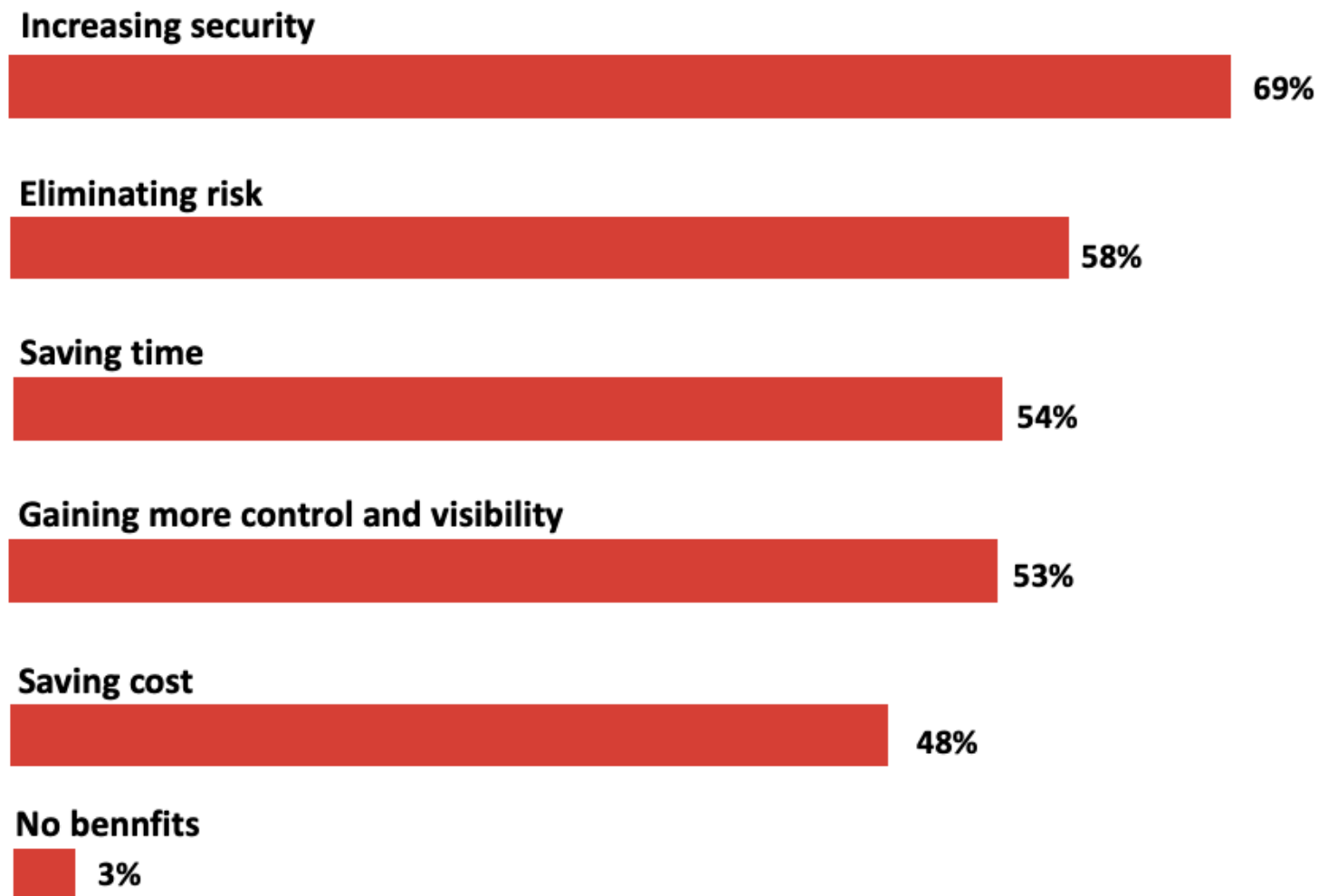
EMPLOYEE PASSWORD CHALLENGES



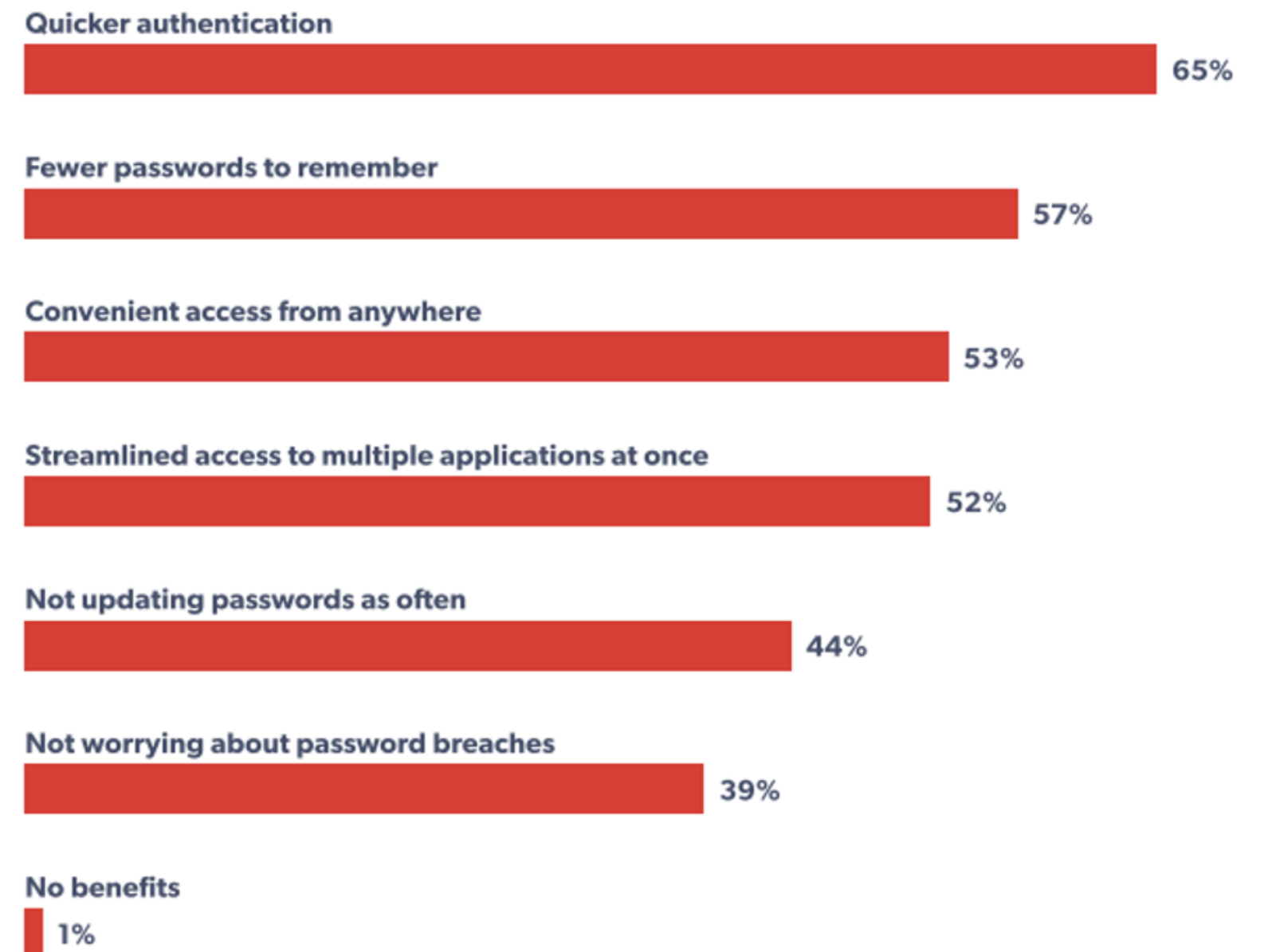


Lastpass market research (oct.2020)

BENIFTIS OF PASSWORDLESS AUTHENTICATION FOR IT INFRASTRUCTURE



BENEFITS OF PASSWORDLESS AUTHENTICATION FOR EMPLOYEES





Lastpass market research (oct.2020)

Just as work from anywhere has become the new normal, a passwordless future is inevitable. The days of remembering and typing long-winded passwords may soon be behind us.

The ability it has to maintain absolute security and allow for complete visibility is reason enough to migrate your organization's authentication mechanism to this type of model.

92%

Over nine in 10 respondents believe that delivering a passwordless experience for end-users is the future for their organization.

