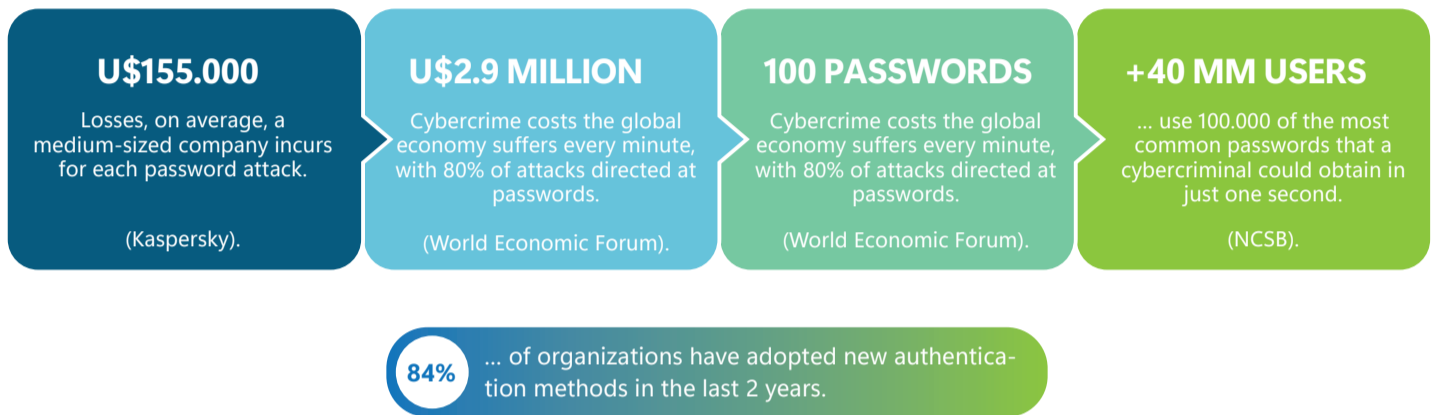


# PASSWORDLESS

The future of identity and access security

## Passwords are no longer the most secure and effective method to protect access to our systems



## Passwords generate vulnerabilities and enable attacks

### Passwords are not enough

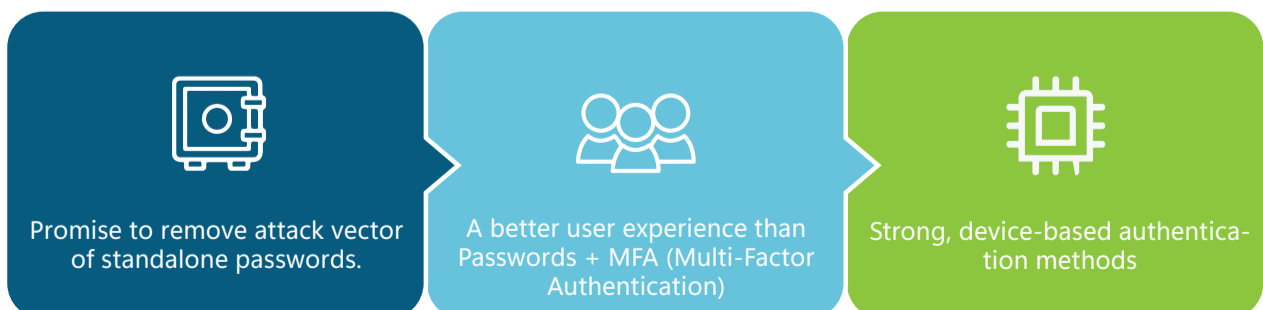
Passwords are becoming a relic of the past. The use of passwords leaves us increasingly vulnerable as we become more predictable in generating them. Trying to combat this with requirements for stronger complexity and frequent updates makes it harder to be productive, drives up already-high costs in password maintenance and support, and still isn't enough to keep up with current cybersecurity threats. (Microsoft).

### Attacks and security gaps

- Guessing
- Brute force
- Replay
- Password spraying
- Phishing
- Social engineering
- Man-in-the-middle
- Key-logger

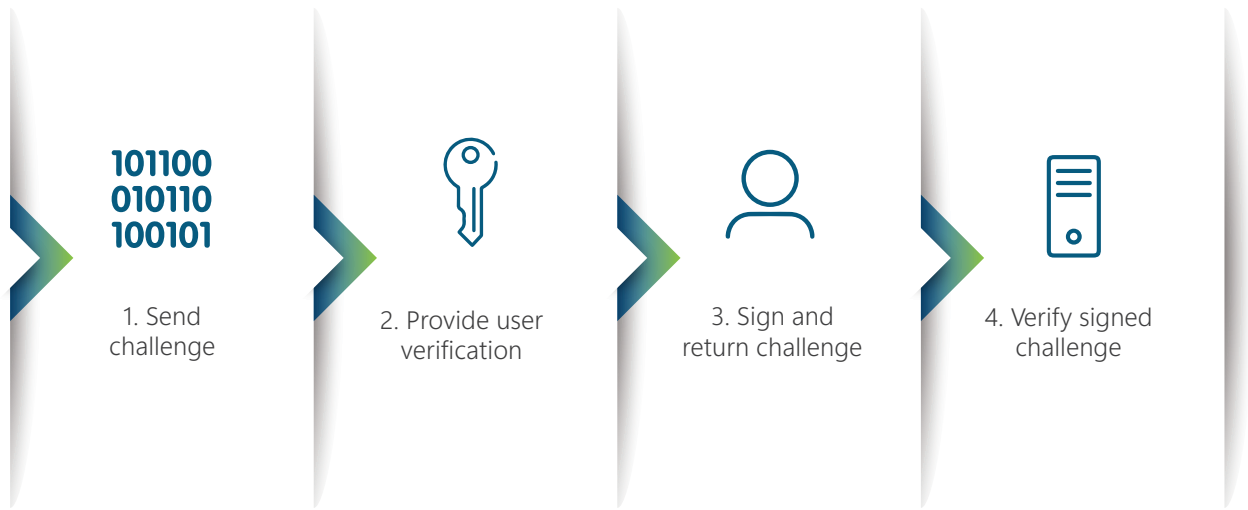
## The solution: Passwordless

Passwordless is a multi-factor authentication method in which a user can log in to a computer system, service, or application without entering (and having to remember) a password or any other knowledge-based secret.

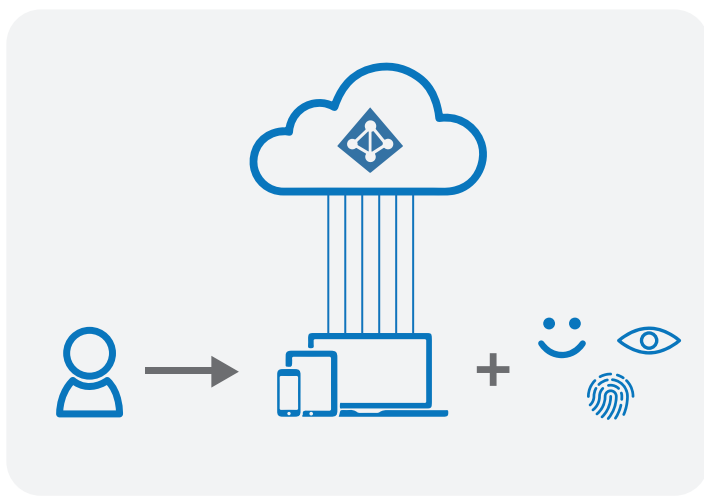


## How passwordless authentication works

Each technology uses the same established cryptographic authentication pattern, with credentials based on the certificate or asymmetrical key pair.



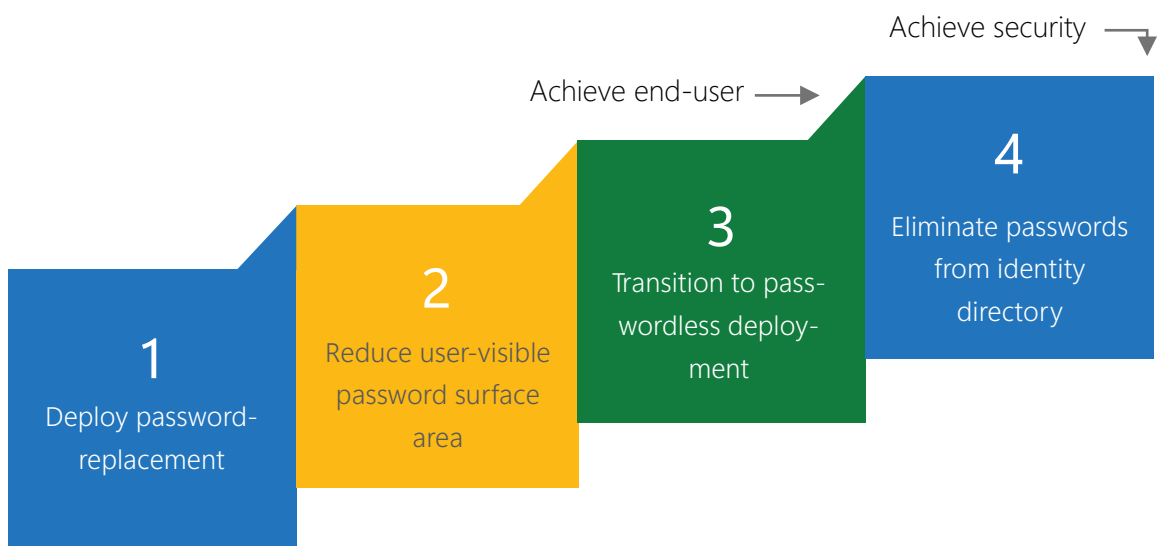
## Passwordless secure authentication components



- Something you have [Windows 10 Device, Phone, Security Key] + Something you are [Biometric] or know [PIN]
- Authentication based on Public/Private Keys pair
- Private keys are securely stored on the Device [PCs, Mobile Application, FIDO2 Key]
- Private keys are tied to a device and are never shared
- Requires the use of local gesture [PIN, Biometrics] to unlock the private key

## The journey towards effective passwordless implementation

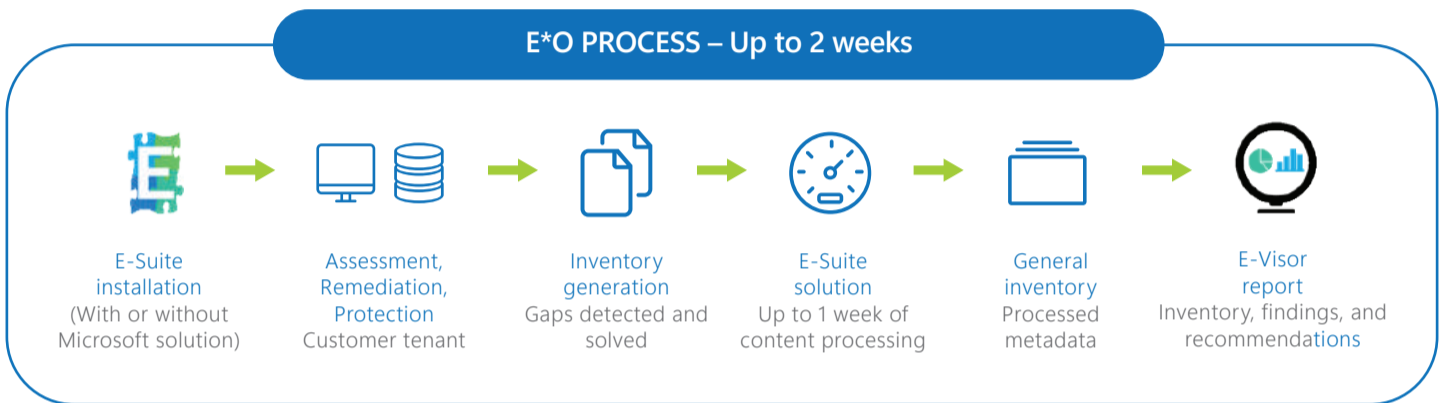
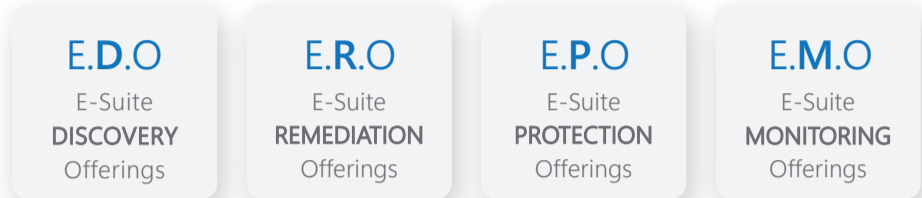
Synergy Advisors is ready to support your organization in its journey to effectively establish a passwordless strategy, and make a smooth transition, while boosting productivity and cybersecurity in your organization.



## HOW TO GET THE MOST FROM PASSWORDLESS TECHNOLOGIES

### Introducing E-Suite Offerings [E\*O]

Synergy Advisors offers you the way to **enhance your identity governance strategy** through the **E-Suite Offerings (E\*O)**: activities performed in your tenant that use **Microsoft and Synergy Advisors technologies** and enable you to proactively **discover** anomalies, **remediate** gaps, **protect** information and resources, and **monitor** your tenant activity:



### The best E\*O for your Passwordless strategy

#### E-Suite DISCOVERY Offering [EDO]

**SCOPE**

- Includes Synergy Advisors’ E-Visor Teams App solution. [LEARN MORE HERE.](#)
  - o Enable and validate MFA existing configuration
  - o Validate conditional access rules
- Quick assessment: Up to one week

**DELIVERABLES**

- Findings and recommendations
- PowerBI report
- Findings session with a cybersecurity and Compliance expert

#### E-Suite REMEDIATION Offering [ERO]

**SCOPE**

- E-Visor Teams App solution + PowerBI.
  - o Remediate MFA adoption and conditional access rules
  - o Validate findings and recommendations:
    - Optimize conditional access
    - Validate Windows Hello for Business adoption using PowerBI

**DELIVERABLES**

- Findings and recommendations
- PowerBI report
- Findings session with a cybersecurity and Compliance expert

#### E-Suite PROTECTION Offering [EPO]

**SCOPE**

- Includes Synergy Advisors’ E-Vigilant solution.
  - o Remediation for all impacted users (in previous E-O) using chatbot technology

**DELIVERABLES**

- Findings and recommendations
- PowerBI report
- Findings session with a cybersecurity expert

## Advanced, modern, and secure methods

### WINDOWS HELLO FOR BUSINESS

#### User friendly and privacy protecting

- Passwordless: biometrics or a PIN
- SSO with Windows apps
- Biometrics never leave the device
- Private key is never shared

#### Enterprise-grade

- Strong two-factor authentication
- Asymmetric key pair auth model
- Can be deployed in cloud, hybrid, or on-premises environments
- Key or certificate-based options



### FIDO2 SECURE KEYS

#### Enterprise-grade

- Authentication based on hardware [Portable]
- Security devices that are Microsoft compatible
- Sign in using FIDO2 [biometrics, PIN, and NFC]
- Recommended for shared PCs scenarios or when a mobile device is not a viable option [Examples: help desk personnel, public kiosk, hospital team, bank teller]
- Recommended for Privileged and Critical Identities
  - Azure AD Global Administrator, Security Administrators, CEO, CISO, others
- Cross platform if using as Smart Card [on-premises services required]

## MICROSOFT AUTHENTICATOR

### Overview

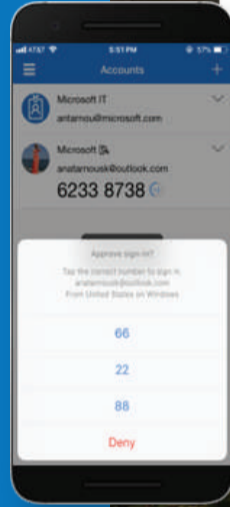
- Authentication based on software
- Standards-based MFA
- Supports TOTP, Push Approvals, Biometrics + Number Match

### Windows 10

- Passwordless authentication, such as device registration in OOBE, Windows Hello provisioning

### Mobile

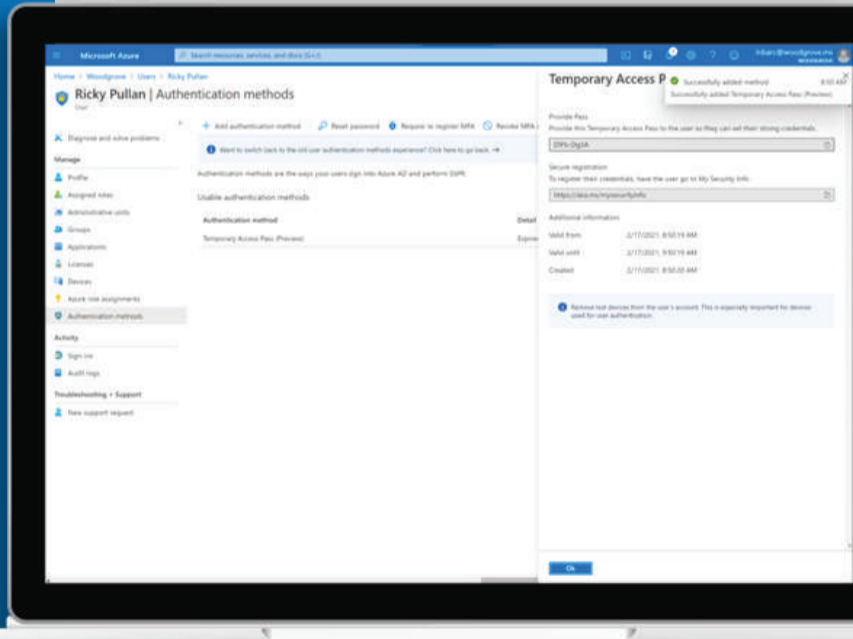
- SSO to native mobile apps



## TEMPORARY ACCESS PASS | TAP

### Enterprise-grade

- Time-limited code for passwordless credentials set up and account recovery
- Enables end-to-end passwordless user journeys and remote onboarding/recovery scenarios
- User can receive a temporary passcode to login and register their account, and then register a passwordless credential



## Extended identity capabilities with E-Visor Teams App

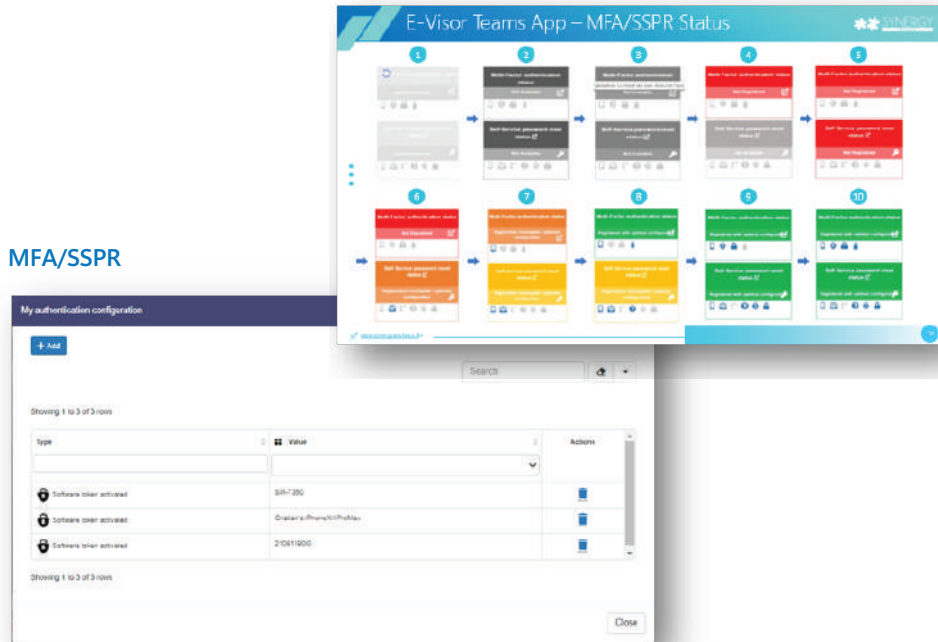
E-Visor Teams App is a reporting and analytics app that helps end users boost their security and productivity, directly from within Microsoft Teams. E-Visor Teams App complements the passwordless strategy by presenting to end users, managers, and IT department the MFA configuration status, sign-in information filtered by risk events, failed logins, location, devices, identity and more, as well as self-protect actions.

## Simplified end user Multi-factor Authentication and Self-Service Password Request (SSPR) management

- Reduce complexity to access Microsoft 365 information spread along with multiple sites, reducing costs.
- Reduce user education as Microsoft portal adds/removes information/capabilities and changes URLs.
- Simplified user experience providing multiple technologies/workloads view with the same look

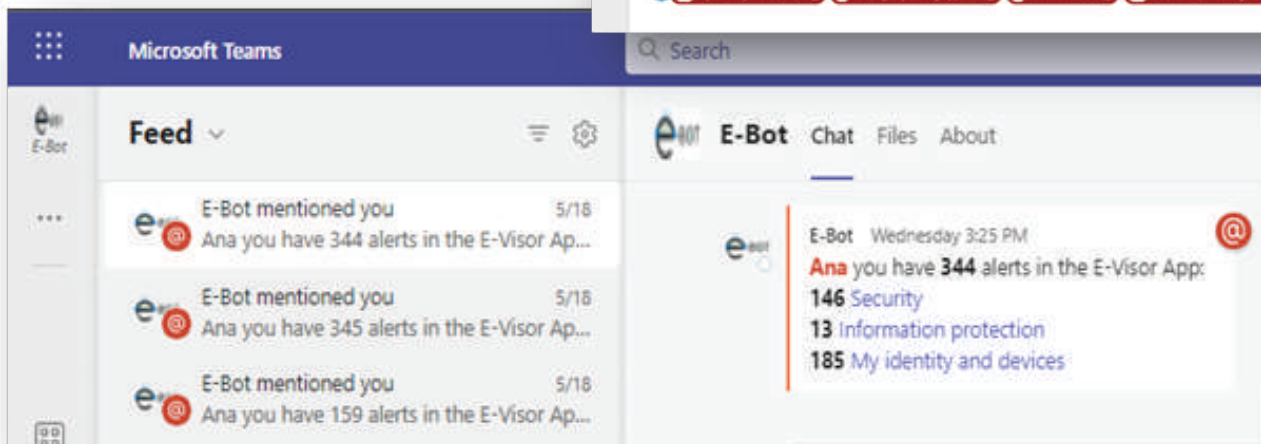
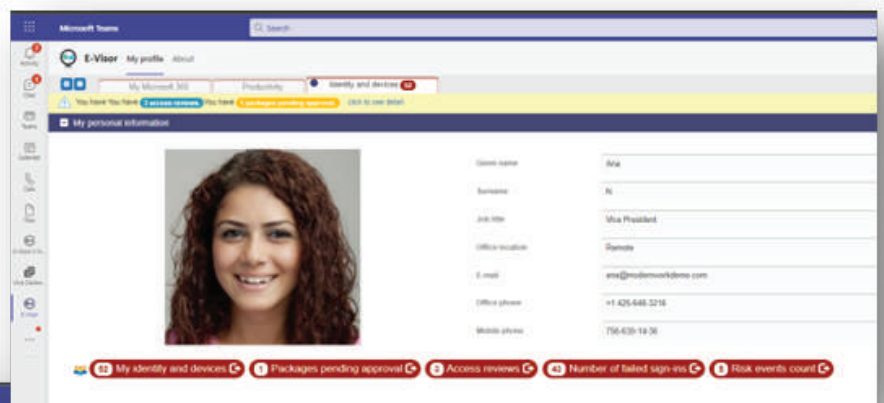
Configuración optimizada

MFA/SSPR



## Alerts and notifications

- Reduce time and create awareness
- Mitigate phishing attacks
- Reduce troubleshooting and support time Self-service
- Reduce organization cost
- Empower end users to strengthen their security posture



## Other features



### Sign-in insights

- Suspicious actions
- Conditional Access details



### Optimized identity and device view

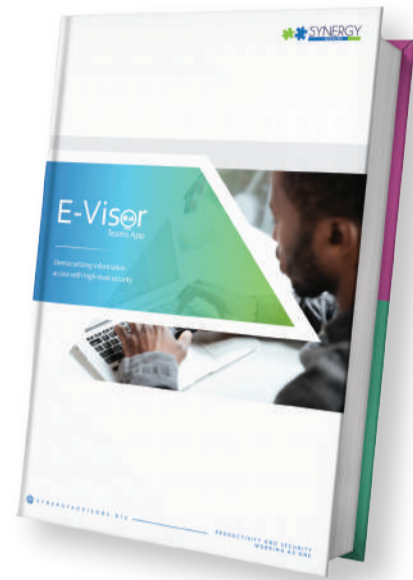
- Device focused identity and access status

### Simplified access/approval to apps



- My apps packages
- My request status
- Approvals
- Validate access

## Learn more about E-Visor Teams App.



[DOWNLOAD THE E-BOOK](#)

## For US federal organizations: Facilitate the accomplishment with Executive Order 14028 from US Government

On May 12, 2021, President Biden signed the Executive Order (EO) 14028 to improve the nation's cybersecurity and protect federal government networks in response to recent incidents from sophisticated malicious activity from nation-state and cyber criminals.







For agencies there are numerous requirements, including a Zero Trust strategy, and robust **MFA implementation**:

## Milestone 6

Agencies must adopt MFA and encryption at rest and in transit, to the maximum extent, and report on progress every 60 days.



## How PASSWORDLESS helps you comply with EO 14028?

-  Strong Phishing-resistant MFA
-  Seamless single sign-on to corporate applications
-  Leverages the benefits from risk assessments
-  Conditional Access rules configuration
-  Passwordless deployment guide
-  Hybrid environments strong authentication