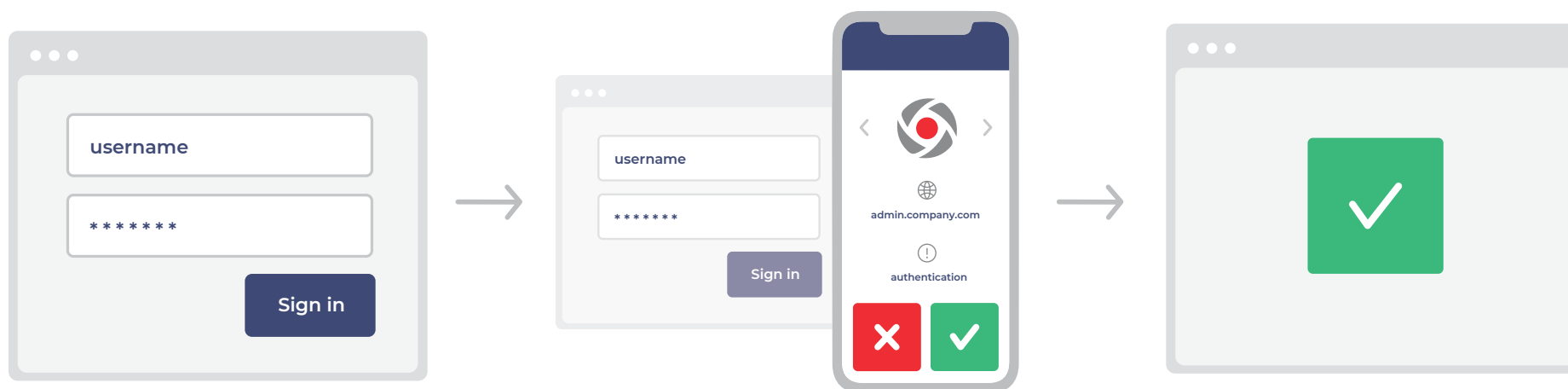


# Multi-Factor Authentication (MFA)

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# What is Rublon?

**Rublon is a cybersecurity solution that provides employees secure access to their organization's IT resources using multi-factor authentication.**



After entering the correct password, the user can be asked to authenticate with a second factor.

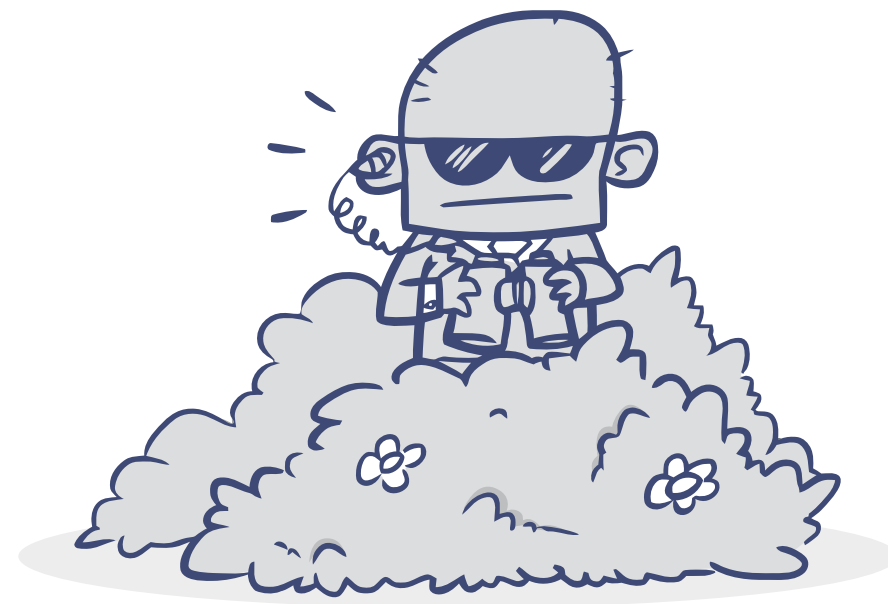
For example, the user will be sent a mobile push notification, which they confirm on their mobile phone.

# Why Multi-Factor Authentication?

**IT departments have little control over their employees' passwords. After all, the passwords should only be known to their employees. Passwords can be written down, reused and stolen by phishing attacks.**

According to the 10th edition of the Verizon Data Breach Investigations Report (2017), 81% of data leaks caused by hacker attacks used stolen and/or weak passwords.

You can minimize these risks by securing logins with multi-factor authentication.



# Reasons to choose Rublon

## 1. User Experience

- Users enroll themselves using Rublon Authenticator on their mobile phones.
- Rublon offers the most user-friendly authentication factors:  
Mobile Push via Rublon Authenticator app, WebAuthn/U2F Security Key.

## 2. Pervasive

- Rublon can be integrated with most technologies that are used by companies (e.g. via SAML, RADIUS, Web SDK/API or dedicated plugins and modules).

## 3. Agility

- Rublon is developed in agile methodologies, which means that market- and technology-related enhancements are released quickly.

## 4. Cloud or Server

- Use Rublon in the cloud or run Rublon as a server in your own infrastructure.

## 5. Low Cost

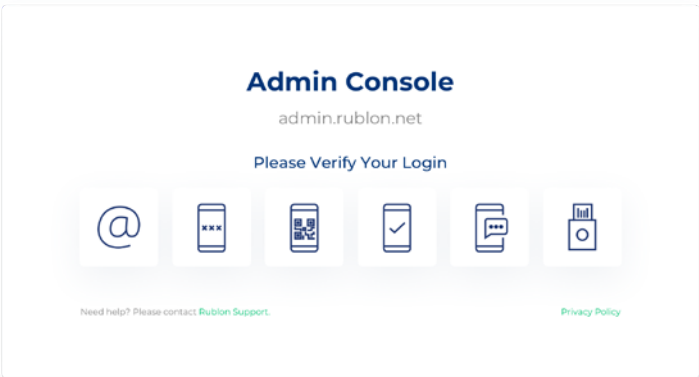
- Only \$1 USD per user per month



# Components for Users

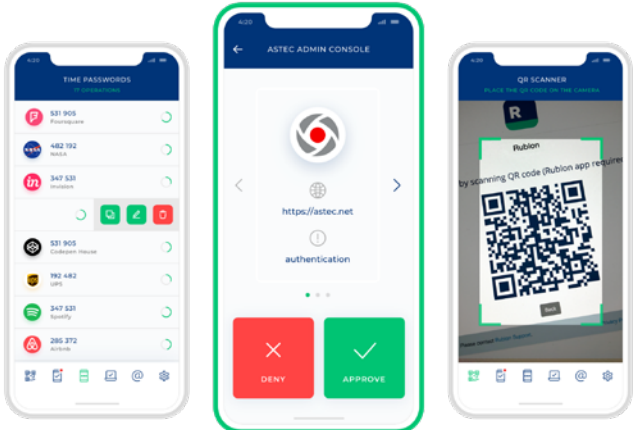
## Rublon Prompt

Select the authentication method



## Rublon Authenticator (Mobile App)

App Store (iOS), Google Play (Android)



# Components for Administrators

## 1. Rublon Admin Console (Web Portal)

- Manage applications
- Manage users
- Manage WebAuthn/U2F Security Keys
- View Authentication Logs
- Change system-wide settings

## 2. Rublon Access Gateway (Server)

- Enables integrations via SAML  
(e.g. Office 365 and other cloud apps)

## 3. Rublon Authentication Proxy (Server)

- Enables integrations via RADIUS  
(e.g. Cisco ASA VPN and other VPNs)

## 4. Rublon for Linux SSH (PAM Module)

- CentOS, Debian, RHEL, Ubuntu

## 5. Rublon for Windows Logon (Module)

- Windows 10, Remote Desktop

## 6. Rublon for Microsoft Remote Desktop Gateway (Module)

## 7. Rublon for Microsoft AD FS (Module)

- Windows Server 2016, 2019

## 8. Rublon for Jira & Confluence (Plugin)

## 9. Rublon for WordPress (Plugin)

## 10. Rublon Web SDK

- Simplifies integration with custom-built web applications

# Examples of Connectable Applications

<b>VPN via RADIUS/SAML</b>				
<b>Microsoft</b>				
<b>Web</b>				Custom (SDK)
<b>Cloud via SAML</b>				
<b>Linux</b>				

See more at [www.rublon.com/docs](http://www.rublon.com/docs)

# Authentication Methods



## Mobile Push

A request is sent by push notification to the user's mobile device, who must confirm it by tapping "Approve"



## Mobile Passcode

A unique passcode generated based on the TOTP standard (RFC 6238) that changes every 60 seconds



## WebAuthn/U2F Security Key

Hardware security keys based on the WebAuthn and FIDO U2F standards (e.g. YubiKey)



## QR Code

A unique QR code that must be scanned by the user with their mobile device



## SMS Passcode

A one-time passcode that is sent to the user's mobile device via SMS text message



## Email Link

A one-time link that approves the login when clicked



# Contact Us

Visit [www.rublon.com](http://www.rublon.com) to learn more.

Email our sales team at [sales@rublon.com](mailto:sales@rublon.com).

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