

# One Time Password

## VPN Remote Work Best Tool

Application Products of International Security Standards



ISO 27001 ISMS



ISO 27701 PIMS



IEC 62443 CSMS



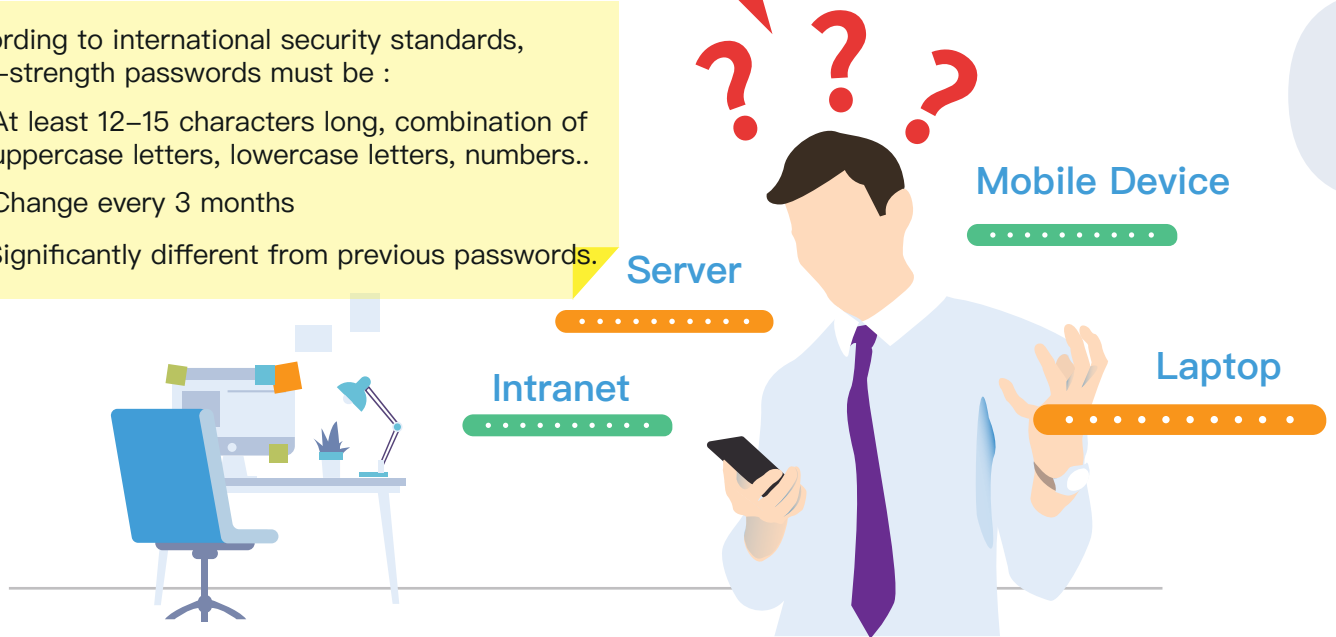
CMMC

# Are you facing the problems below?

## Keep forgetting strong passwords ?

According to international security standards, high-strength passwords must be :

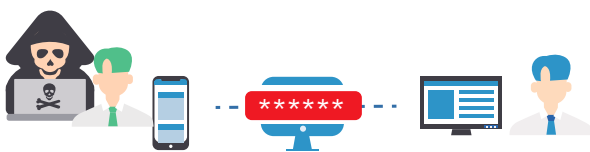
- ⚙ At least 12–15 characters long, combination of uppercase letters, lowercase letters, numbers..
- ⚙ Change every 3 months
- ⚙ Significantly different from previous passwords.



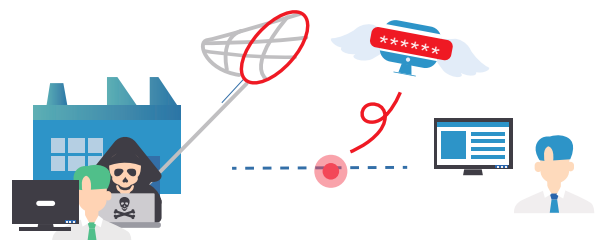
## Risks faced when connecting only with VPN

### Breaking news

On May 2021, the US government declared a state of emergency due to hackers' attacks on the VPN account password of the US Colonial Pipeline.



VPN Secured ?



**Risk 1** The security environment for Remote workers

**Risk 2** Information security awareness of the companies and supply chain employees



W H F

**Risk 3** Information security risks of upstream, midstream and downstream supply chain partners



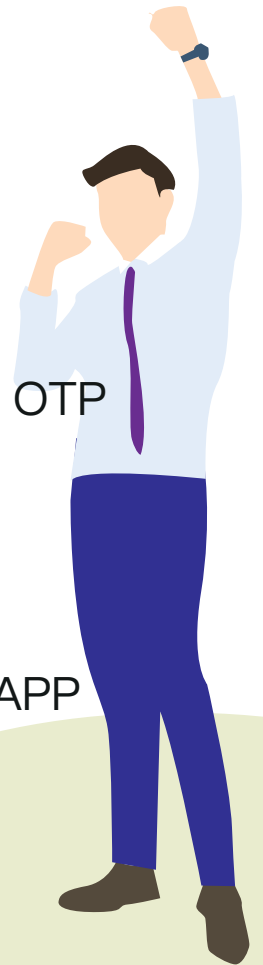
**Risk 4** These days, one can own many devices but how to prevent hackers from entering the company's system through various channels?

## One Time Password

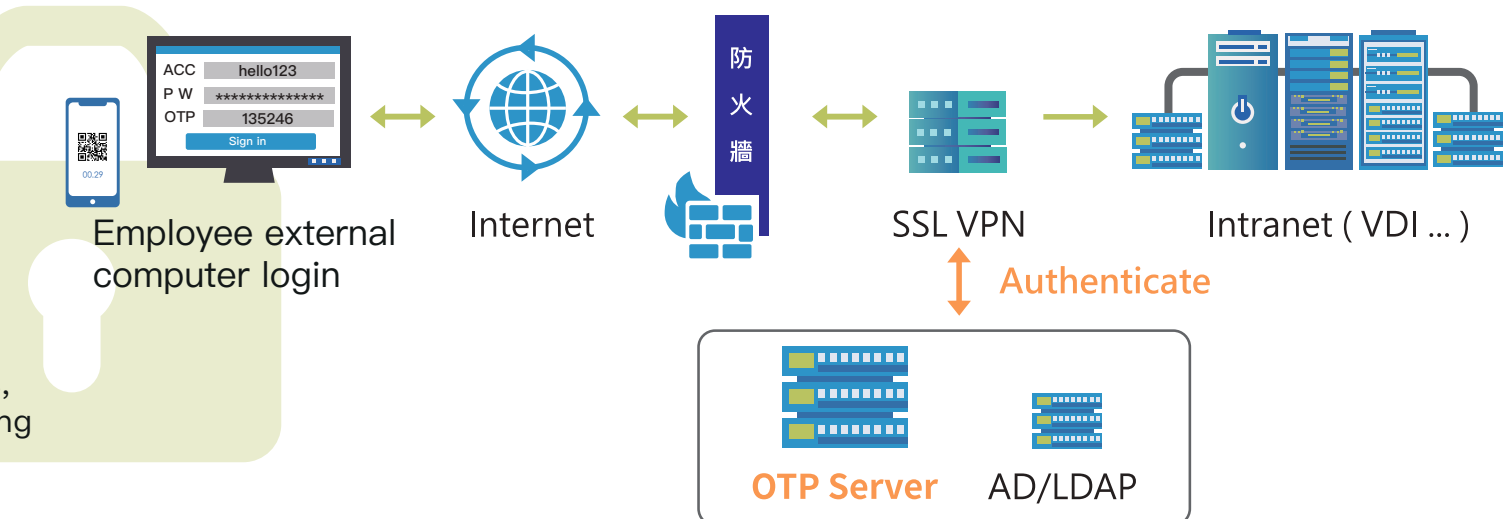
# OTP

Jrsys OTP generates every 30 second !

- 👍 English version provided
- 👍 Support the RADIUS protocol and can be combined with enterprise AD authentication
- 👍 The application system can verify the 2FA password through the Web Service API
- 👍 Support logging into the domain and using 2FA OTP
- 👍 Support OAuth service
- 👍 Manageable by groups
- 👍 Support Google, Microsoft 2FA Authentication APP
- 👍 Temporary password applicable
- 👍 Event record query and audit report provided



### VPN virtual private network authentication system



## VPN + OTP ( numeric )



VPN + OTP (to be entered)



Use Authenticator Apps to get OTP

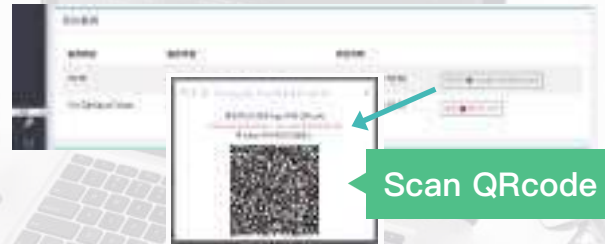


728 230  
729 357  
722 398  
...

00:29

Get OTP from your device

## Sync device ( Qrcode )



Scan QRcode

Jrsys OTP management System



# 6 Benefits

Use user access control and a detailed audit track to protect and ensure your asset security



Authorization



Availability



Authentication



Non-repeatability



Once Only



Unpredictability

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