

# Adaptive MFA

## and Unified Access Security

Rob Correa  
EMEA Sales Mgr.



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# Vision

Secure access for  
**all users** connecting to  
**any application** from  
**any device**

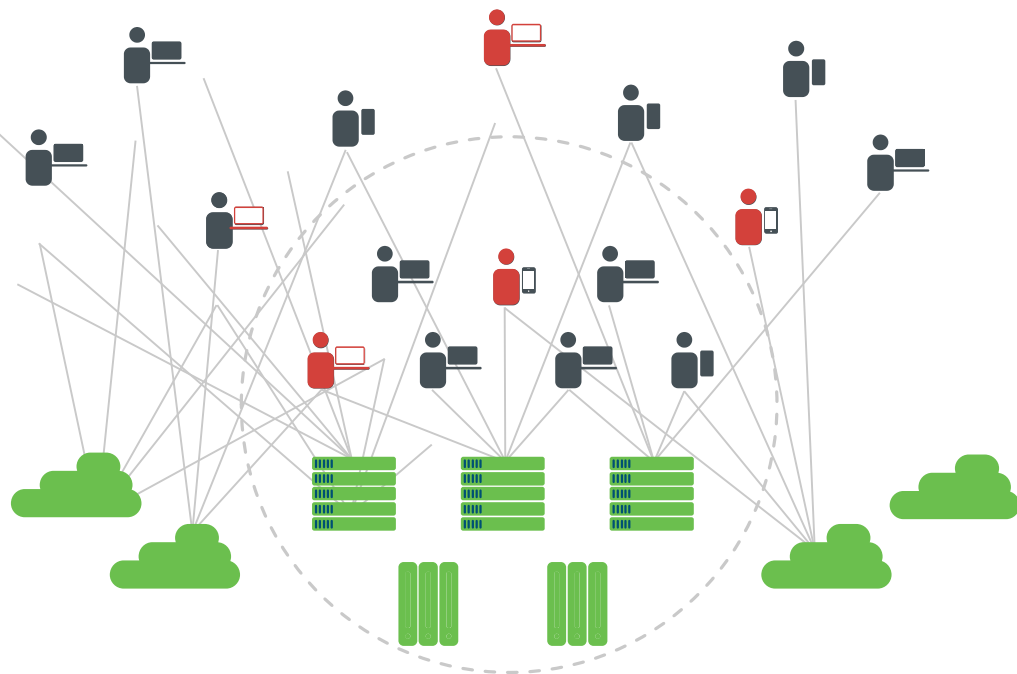


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# The New IT Reality

It's more difficult to establish user and device trust



1

**Apps** are available on-premises plus via IaaS and SaaS

2

**Employees, contractors, others** access these apps with BYOD and mobile devices

3

**Attackers** most often cause data breaches by directly accessing these apps via compromised passwords and devices



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# Three Customer Jobs to be Done

Verify User Trust

1

Verify Device Trust

2

Access Controls

3

## Adaptive Multi Factor Authentication (MFA)



**Something  
you know**  
(e.g. password)



**Something  
you have**  
(e.g. phone)



**Something  
you are**  
(e.g. biometrics)



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# Key Driver: Meet Compliance Requirements

Every security best practices guide and regulation asks for MFA and device visibility

Meet MFA requirements outlined in PCI-DSS 3.2 Section 8.3



Helps meet NIST 800-63 and 800-171 access security requirements



Meet DEA's EPCS requirements when approving e-prescriptions



Aligned with GDPR data protection laws in Europe



Meet FFIEC requirements for financial applications



Get visibility into personal devices used to access PHI



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# Security Risks Persist with Traditional MFA

Poorly deployed and cannot  
support all applications;  
exposing security gaps

Cumbersome tokens and  
one-time passwords;  
not user friendly

81%

of breaches leverage  
either stolen or weak  
passwords

Source: Verizon, 10th edition of the  
Data Breach Investigations Report



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# World's Easiest and Most Secure MFA

Instantly integrates with all apps

Users self-enroll in minutes

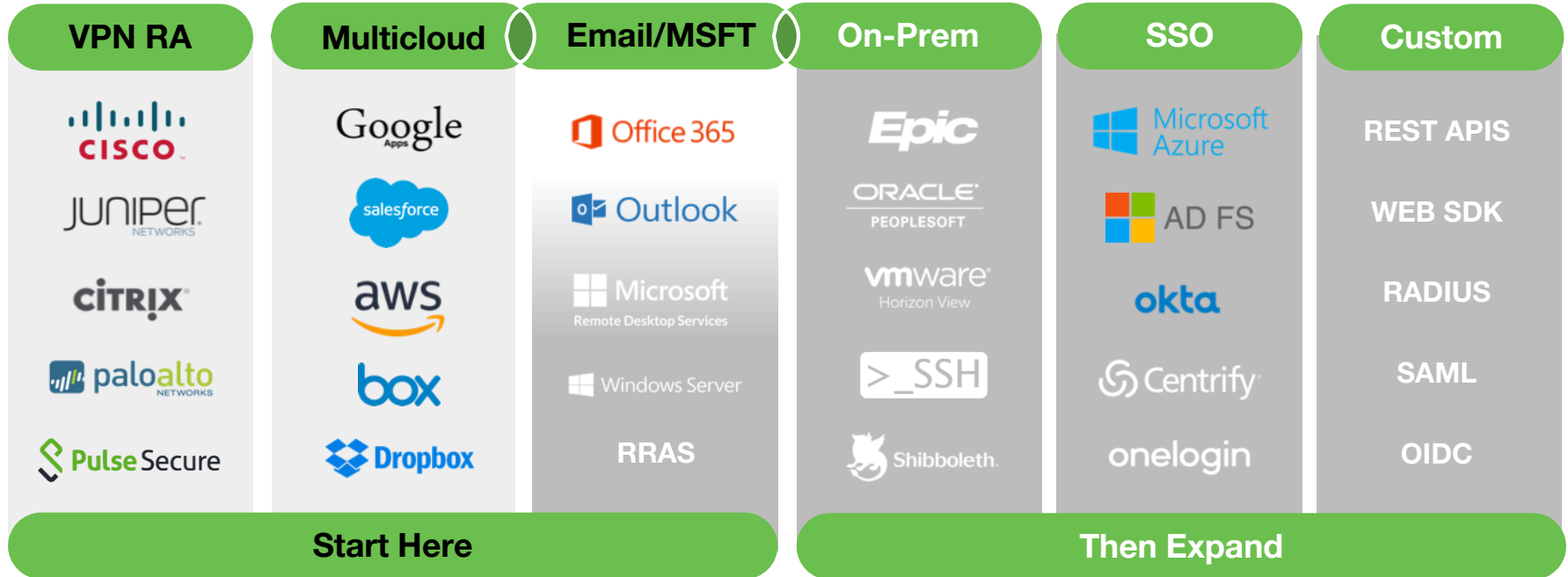
Users authenticate in seconds;  
no codes to enter



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# Duo MFA Supports Your Work Applications



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Integration documents are available at [duo.com/docs](https://duo.com/docs)



# Duo Access for Adaptive MFA

**Easily enforce  
contextual policies**  
based on security risks  
of each application



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# Compromised Devices Can Access Your Data

Admin lack time to patch all  
corporate (managed) devices

End users access data with  
personal (unmanaged) devices

End users don't want admins to  
take control of personal devices

99%

of vulnerabilities exploited  
will be ones known by  
security team for at least  
one year (through 2021)

Source: Gartner, Dale Gardner, 2018  
Security Summit



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# Verify Trust for Any Device

## Limit Access to Compliant Devices

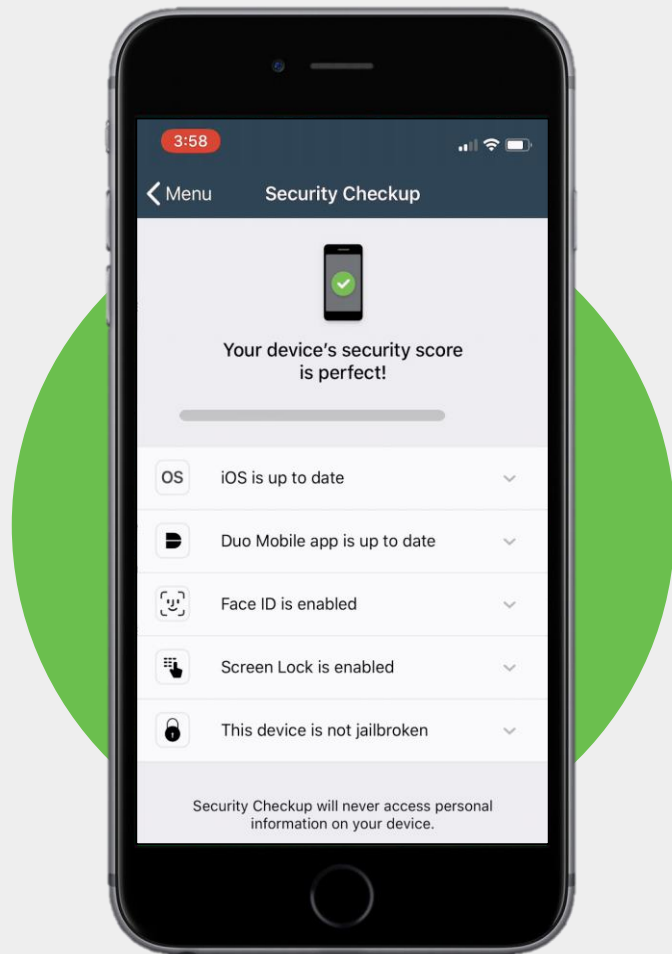
Identify corporate-owned & BYO devices

Unified Device Visibility for laptops, desktops and mobile

Supports all platforms Windows, MacOS, iOS, & Android



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# Packaging and Pricing



## Duo MFA

**\$3**

user/month

Basic MFA & SSO for  
unlimited applications



## Duo Access

**\$6**

user/month

Adaptive MFA policies based  
on user and device risks



## Duo Beyond

**\$9**

user/month

Granular device policies  
based on device trust



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