

The background is a vibrant, abstract composition of numerous colorful rays and shapes radiating from a central point. The colors include dark blue, light blue, green, yellow, orange, red, and white. Some shapes are solid, while others have white circular cutouts. The overall effect is dynamic and energetic.

TURN IT UP

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The bridge to possible



Cisco Zero Trust

Cisco IT's journey to a secure remote working experience

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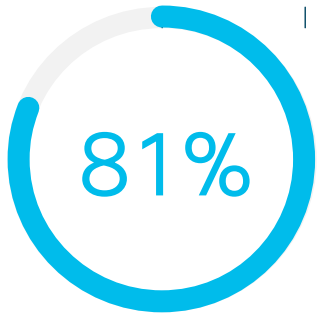
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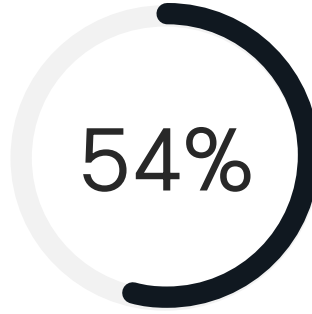
Evolving threat landscape

A new approach to security is needed –to address identity, app & network threats



Targeting Identity

81% of breaches involved compromised credentials



Targeting Apps

54% of web app vulnerabilities have a public exploit available



Targeting Devices

300% increase in malware variants targeting IoT devices

Evolving threat landscape



Of vulnerabilities exploited known by security team >1
year



VPN-less Apps



Webex



Webex
Teams



Outlook



OneDrive



SharePoint



HelpZone



TeamSpace



Smartsheet



Concur



SalesConnect



OneNote



Word



Excel



PowerPoint



DUO



My PTO



Box



Rally



DocExchange



CiscoTV



Apps requires VPN



Cisco Employee
Connection



Cisco
People
Directory



Ent. Service
Platform



Workday



Cisco
eStore



Engineering
Apps



On-prem
Applications



Operational
Tools



Sales & Business
Applications

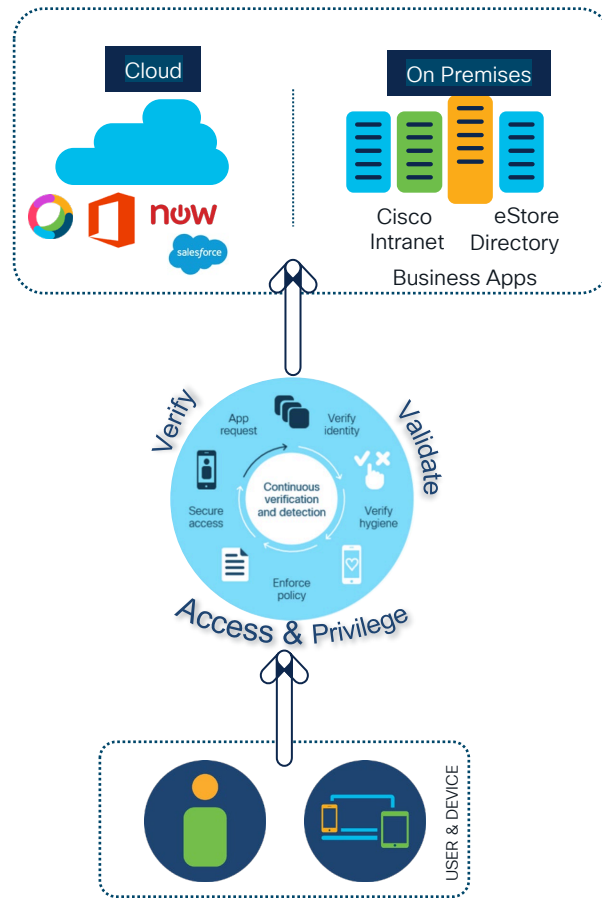


TAC Tools

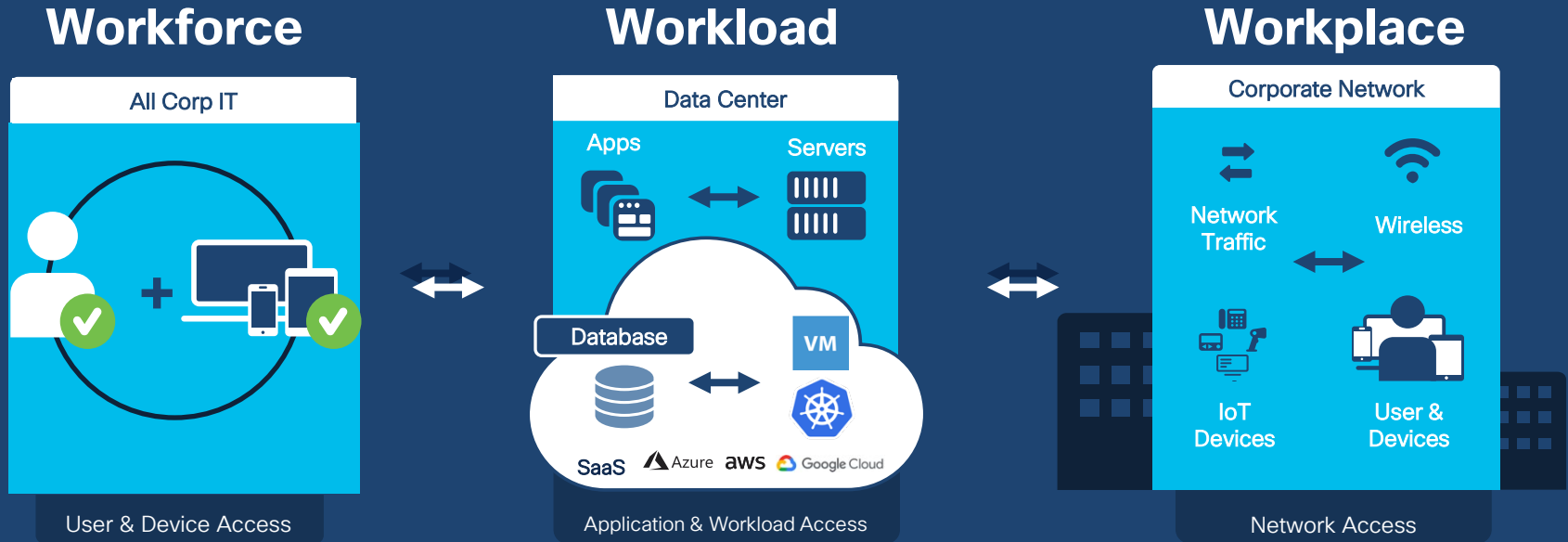
Don't make me think.

Do we want to use
this slide instead
of slide 7?

Secure, seamless access from anywhere



Cisco & Zero Trust



Cisco Zero Trust for the Workforce



Improved experience for the user



Borderless access creates new governance opportunities



Increased security





5-Month Deliverables

Deploy Zero Trust architecture for the workforce* by leveraging Duo technology; offer borderless application access, improve authentication experience, and reduce information risk



Enable borderless (VPN-less) access to 10-15 identified applications



Deploy user/device certificates



Per-app access controls

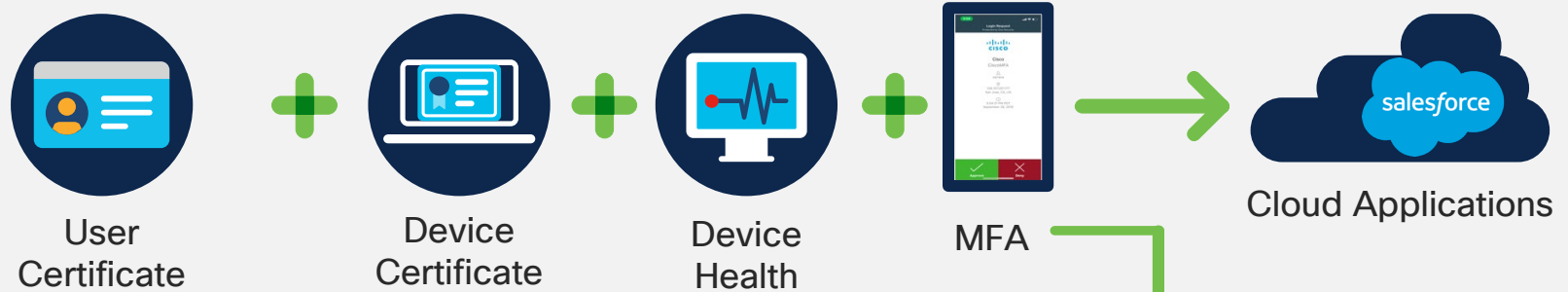


Does not impact existing experience

* Workforce = IT, Security & Trust Organization, Security Sales, Security Business Group, Customer Experience

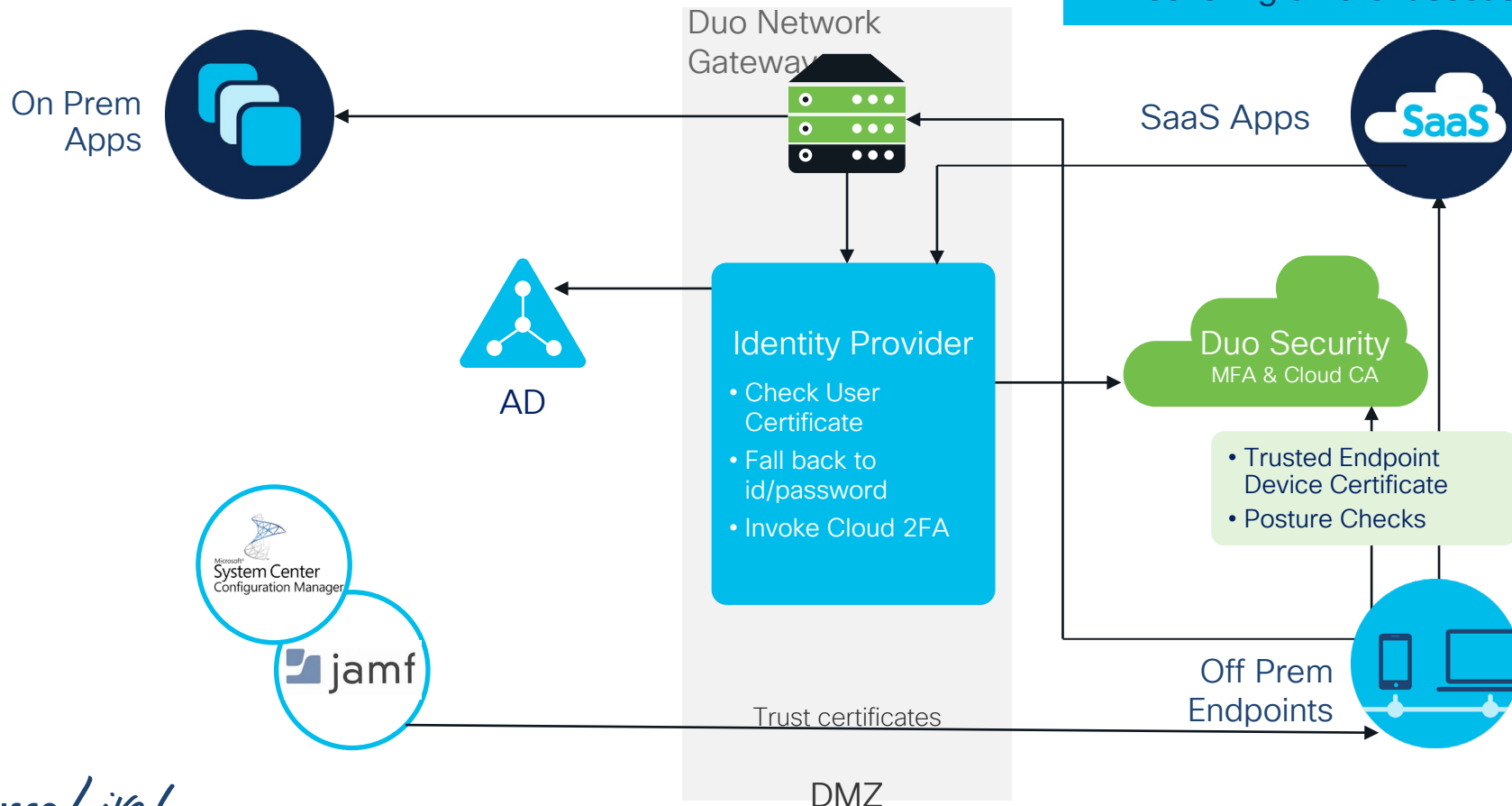
Zero Trust:

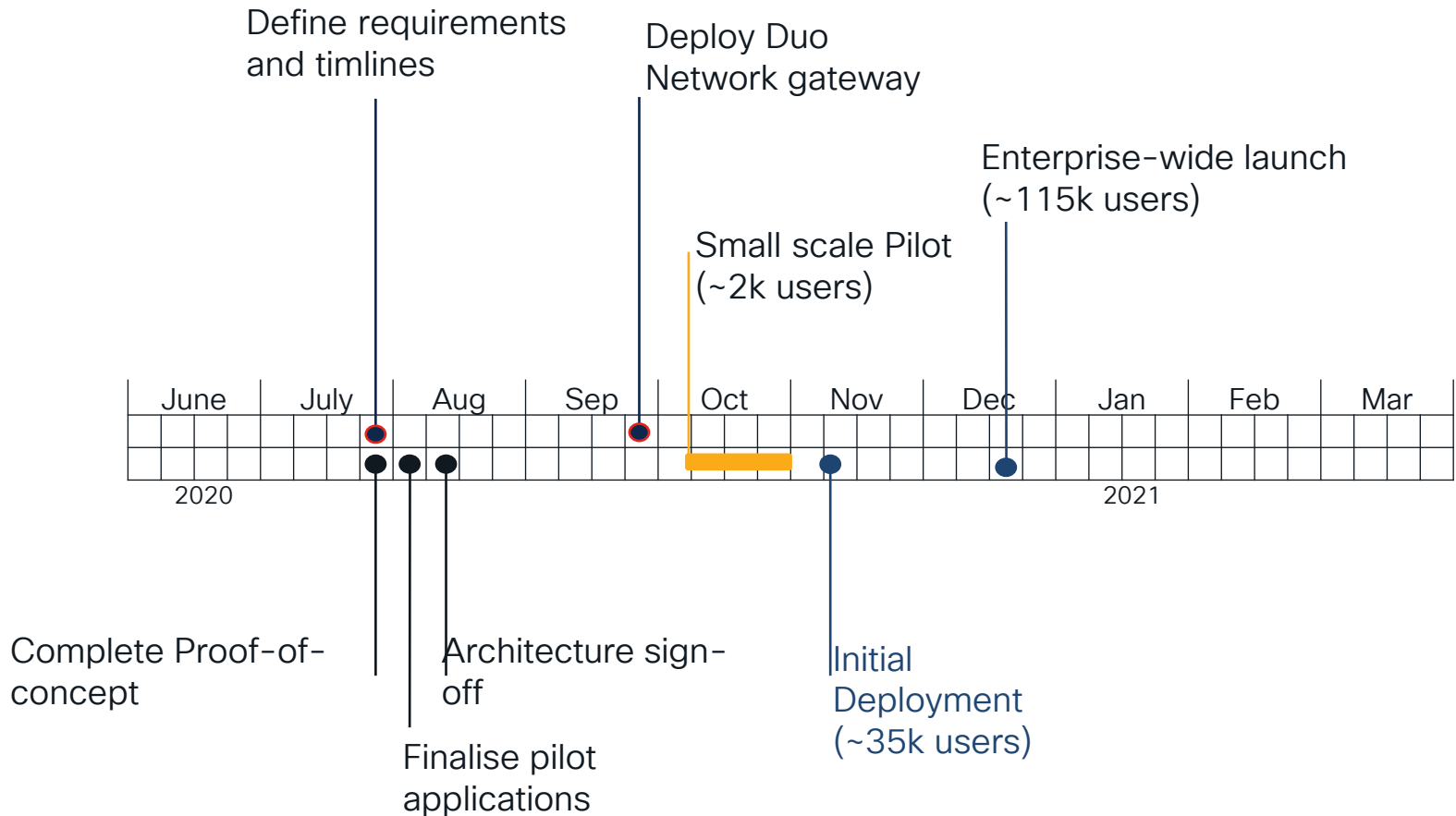
Borderless Access with Improved Authentication



Zero Trust Architecture

Make sure animation reflect discussion flow, overlay when covering different section







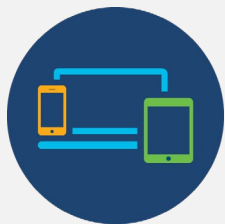
Demo

Borderless access with Zero Trust policies

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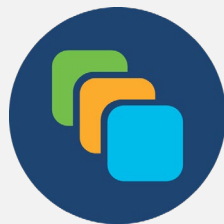


Cisco Zero Trust Deployment



Managed Devices

Deployed Device Configs to over **170k** Endpoints (Mobile/Desktop)



Applications Available

Borderless access for **20+** Applications



User Authentications

10,000 user authentications daily via Network Gateway during pilot (for on-prem access to resources)



Borderless Access

Borderless access for Mac, Windows, Android, and iOS devices

Key Takeaways & Lessons Learned

Executive Buy-in/Sponsorship

- 'Air Cover' enables team to be bold and move quickly

Introducing Zero Trust principles to organization

- Share benefits to employees/leadership
- Start small, gain experience, expand (ex. start with a pilot and solicit feedback, monitor mode first before full enforcement)

Lean team structure for the cross functional team

- Ensure you have empowered individuals who can make decisions on behalf of their organization

Active communications

- Ensure you have the ability to respond publicly to public input/critique
 - (ex: Our CEC articles didn't always allow for comment responses)
- Leveraging a weekly newsletter directed to stakeholders creates momentum and sense of urgency



The bridge to possible

Thank you

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The background is a vibrant, abstract composition of numerous overlapping, elongated, teardrop-like shapes in various colors including dark blue, light blue, green, yellow, orange, and red. These shapes radiate from a central point, creating a starburst or sunburst effect. Some shapes have white circular cutouts. Scattered around the main cluster are several small, solid-colored circles in blue, yellow, and red.

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