



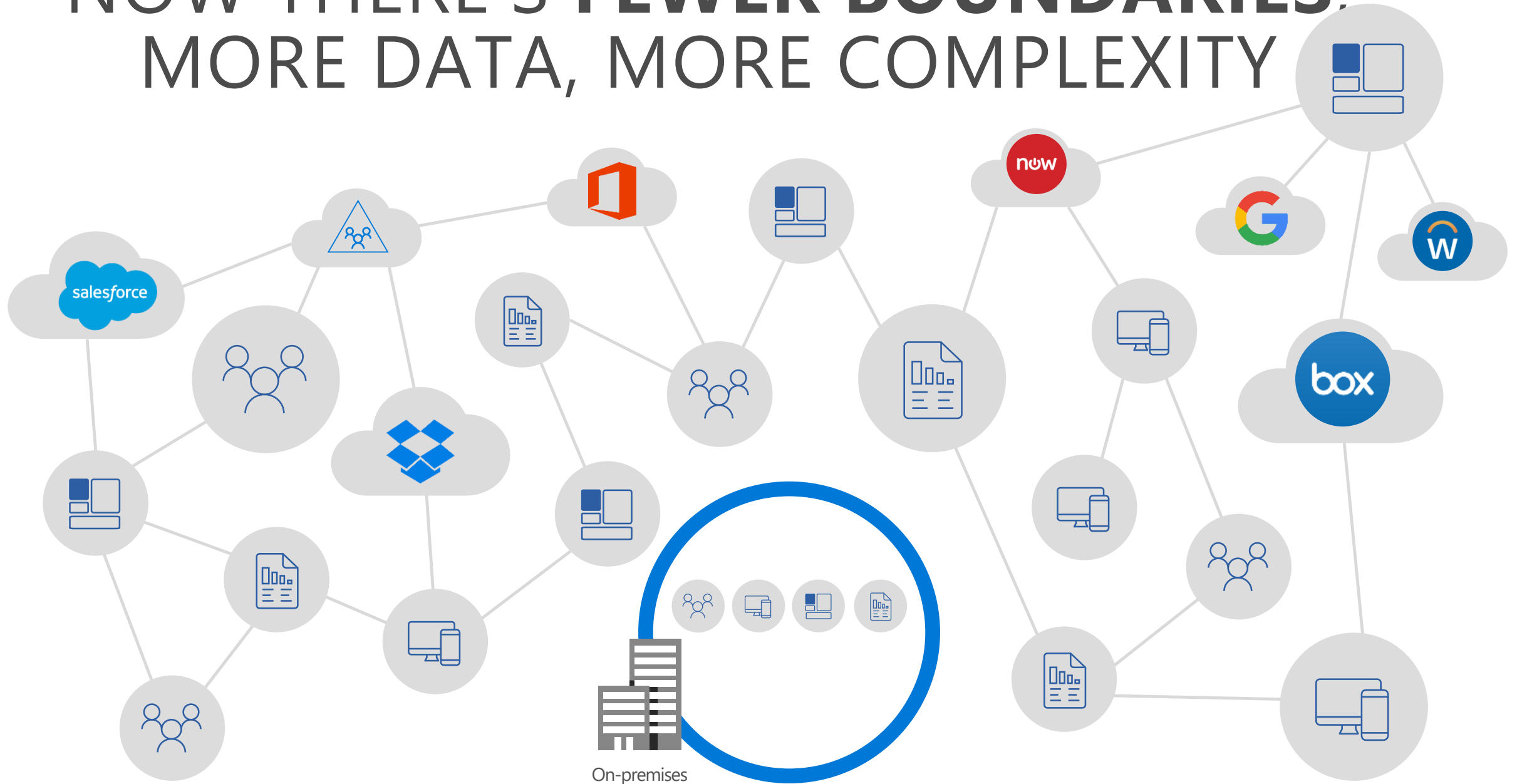
Security for the productive enterprise



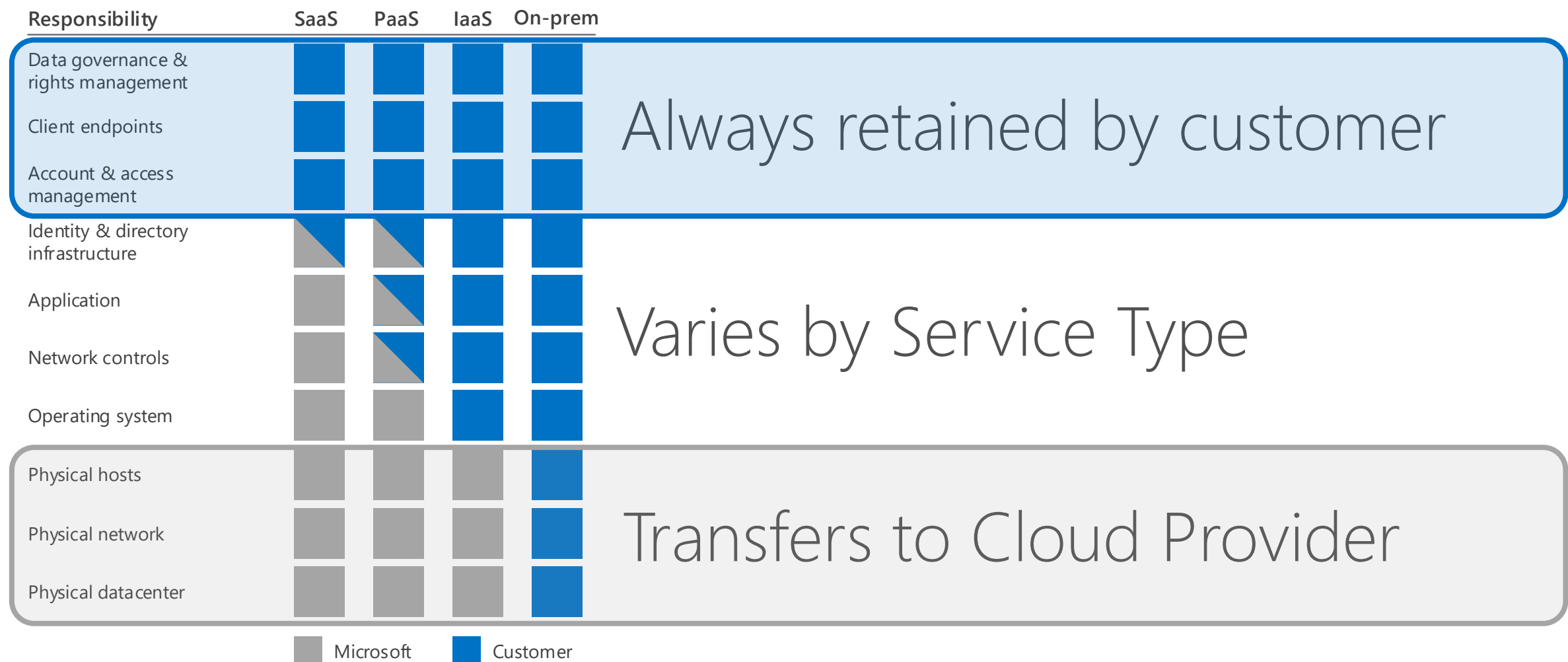
# The security perimeter has changed

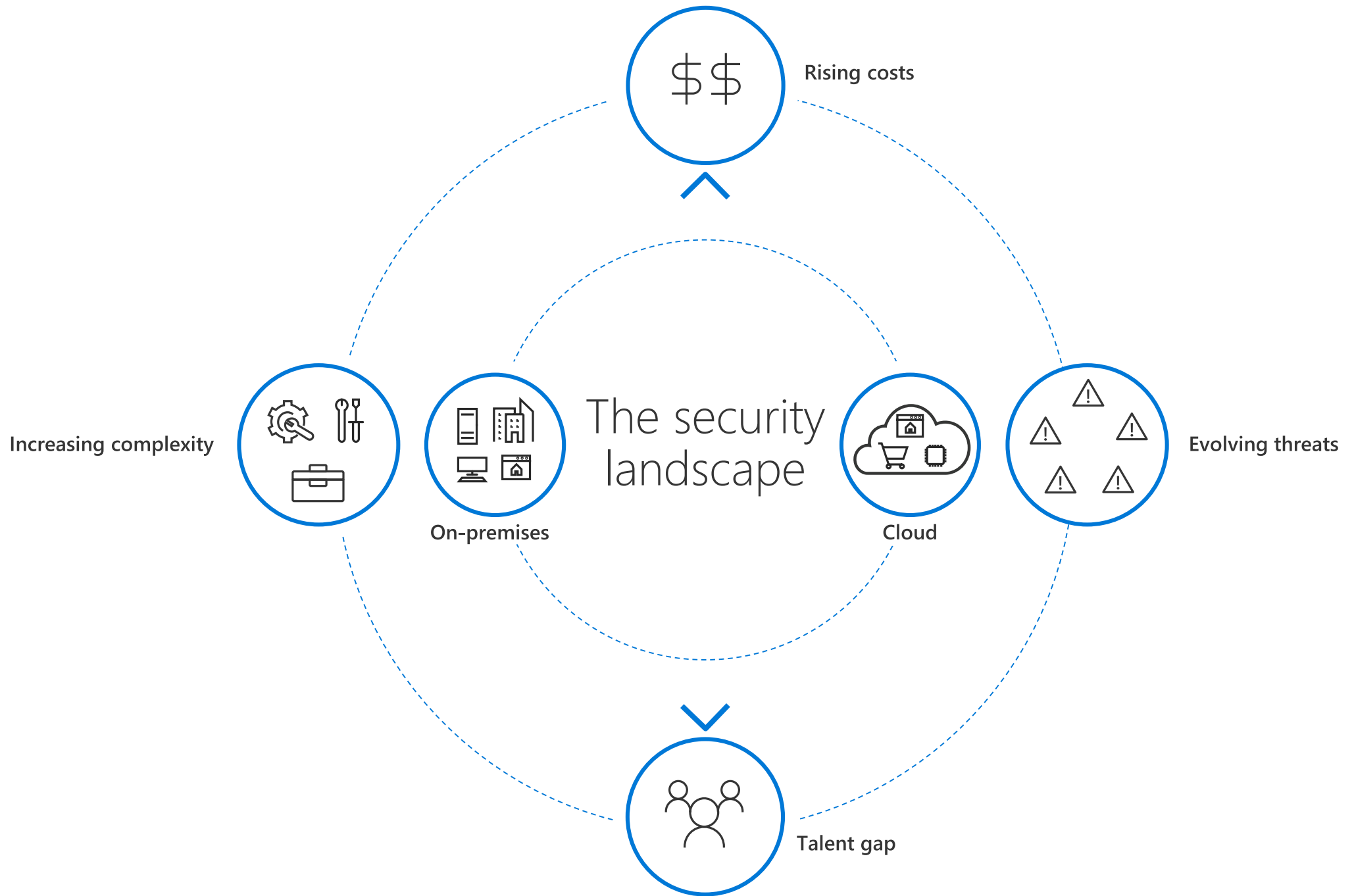


# NOW THERE'S **FEWER BOUNDARIES,** MORE DATA, MORE COMPLEXITY

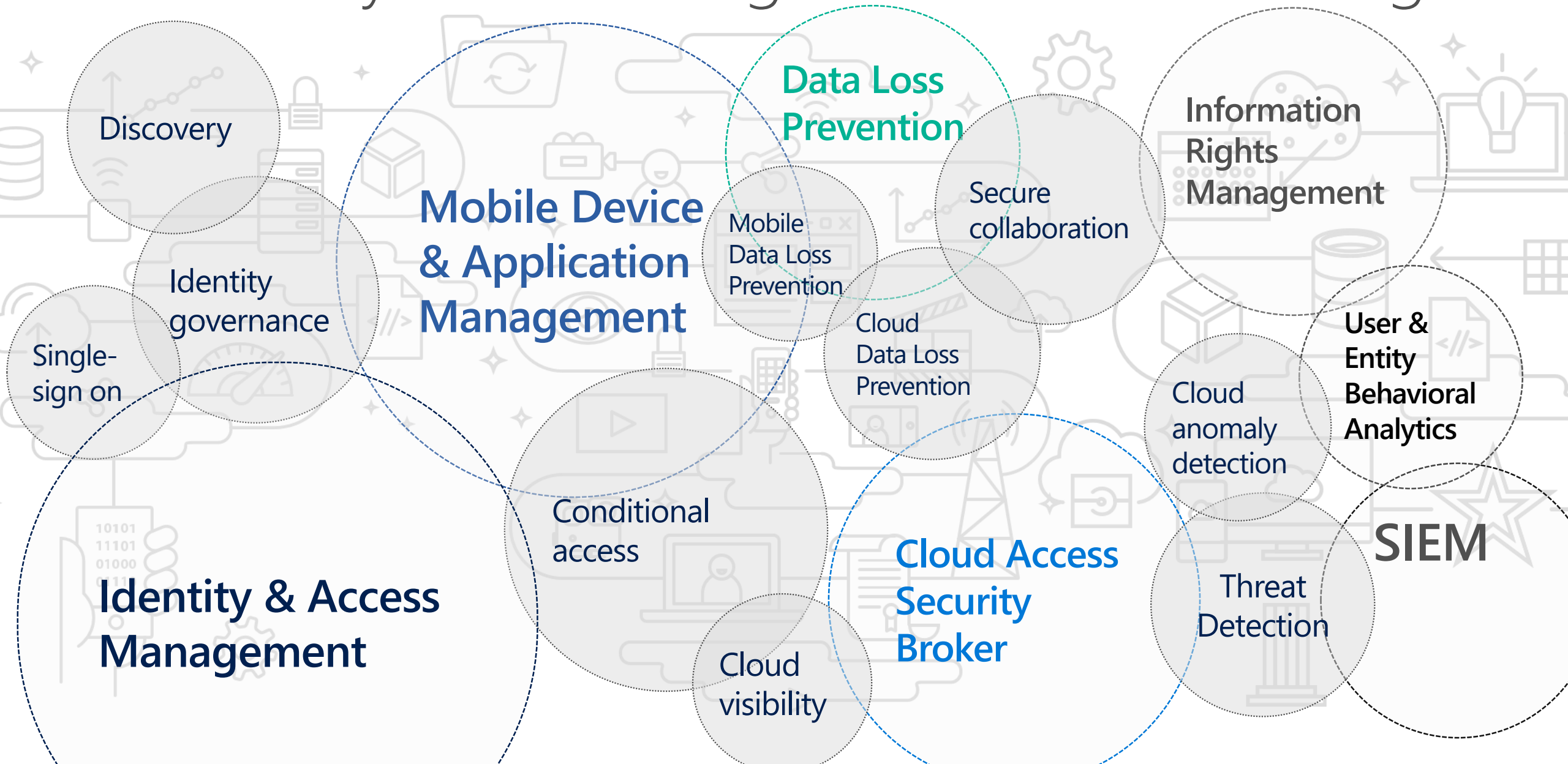


# Cloud Redefines Responsibility Zones



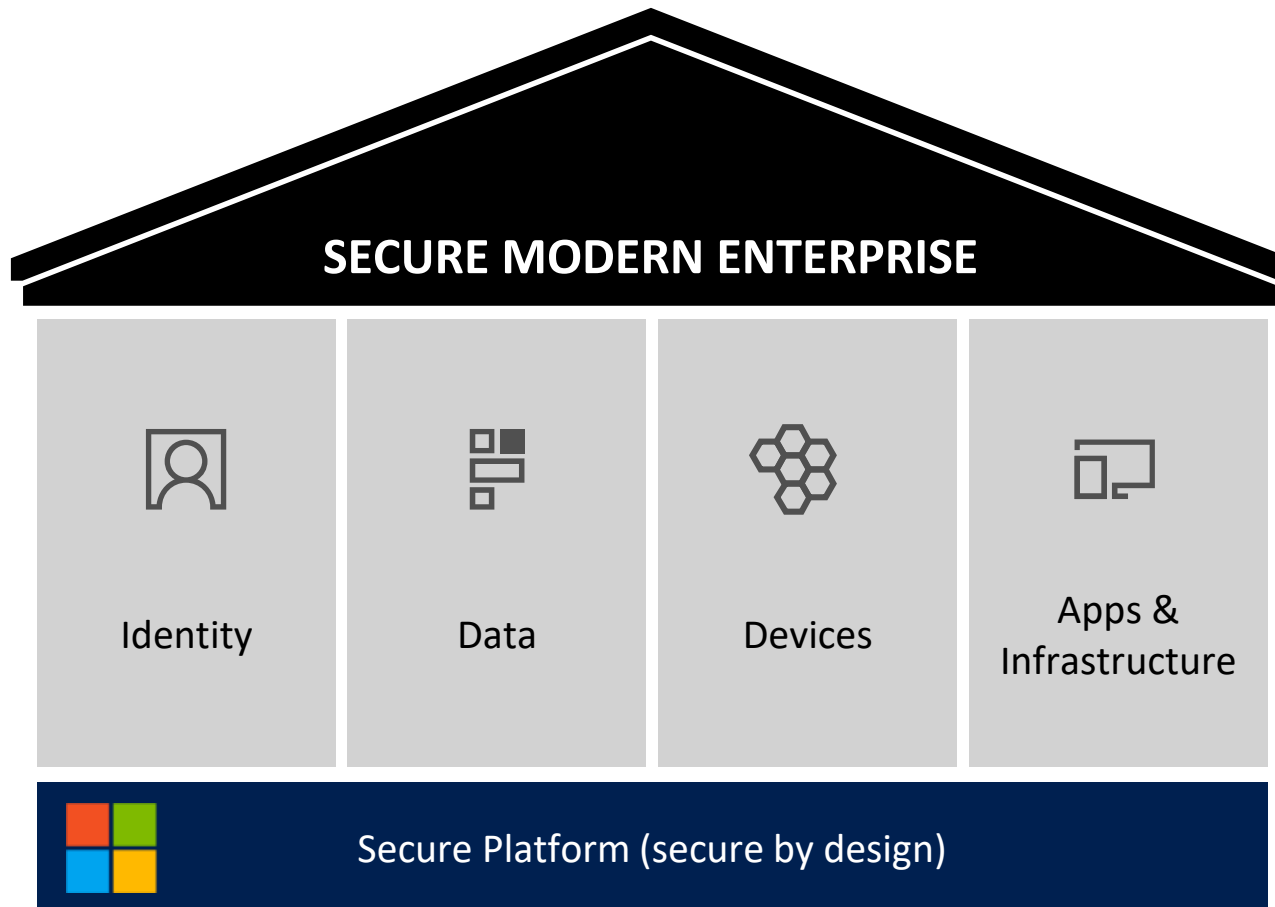


# The security market is segmented and confusing



# The secure modern enterprise

*Aligned to business objectives and current threat environment*



## Identity

Embraces identity as primary security perimeter and protects identity systems, admins, and credentials as top priorities

## Data

Aligns security investments with business priorities including identifying and securing communications, data, and applications

## Devices

Accesses assets from trusted devices with hardware security assurances, great user experience, and advanced threat detection

## Apps & Infrastructure

Operates on modern platform and uses cloud intelligence to detect and remediate both vulnerabilities and attacks



## Identity & access management

Protect users' identities & control access to valuable resources based on user risk level

Azure Active Directory  
Conditional Access  
Windows Hello  
Windows Credential Guard



## Information protection

Ensure documents and emails are seen only by authorized people

Azure Information Protection  
Office 365 Data Loss Prevention  
Windows Information Protection  
Microsoft Cloud App Security  
Office 365 Advanced Security Mgmt.  
Microsoft Intune



## Threat protection

Protect against advanced threats and recover quickly when attacked

Advanced Threat Analytics  
Windows Defender  
Advanced Threat Protection  
Office 365 Advanced Threat Protection  
Office 365 Threat Intelligence



## Security management

Gain visibility and control over security tools

Azure Security Center  
Office 365 Security Center  
Windows Defender Security Center



5 teams  
>400 eng.

> 20M  
Protected users

> 15K  
Protected organizations

> 1M  
Protected servers

> 50M  
Items are labeled  
per month

> 30M  
Protected devices



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## Information protection

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Microsoft Intune



## Threat protection

Protect against advanced  
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Advanced Threat Analytics  
Windows Defender  
Advanced Threat Protection  
Office 365 Advanced Threat  
Protection  
Office 365 Threat Intelligence  
Azure Advanced Threat Protection



## Security management

Gain visibility and control  
over security tools

Azure Security Center  
Office 365 Security Center  
Windows Defender Security Center



# User-centric Security

# **ENFORCE** CONDITIONAL ACCESS

Common identity & context awareness



## Strong Identity control

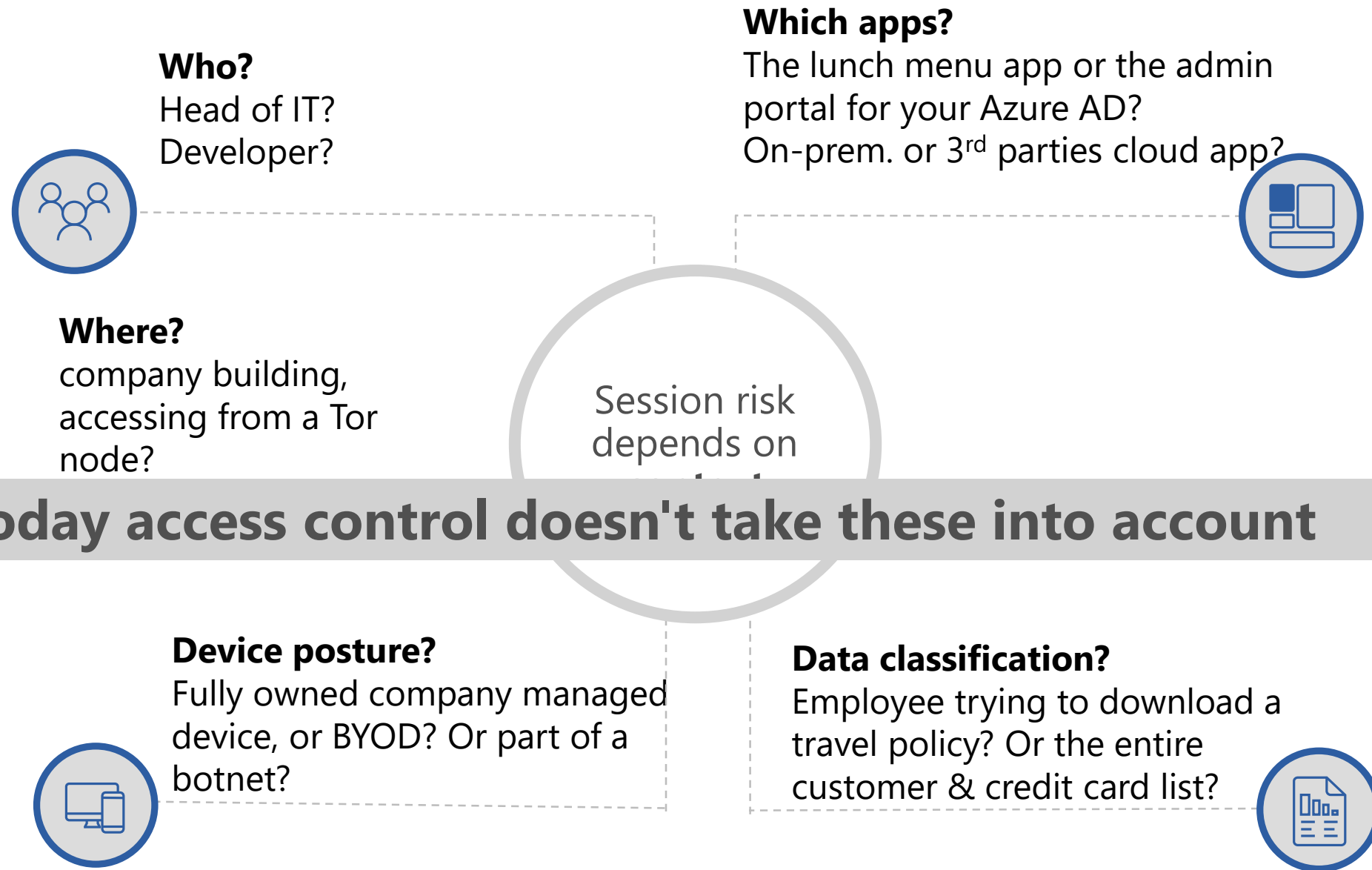
- Manage identities and access at scale **on-premises** and in the **cloud**
- Offers one common identity for secure access to all corporate resources with **single sign-on**
- Built in **MFA** solution



**ENFORCE**  
CONDITIONAL  
ACCESS

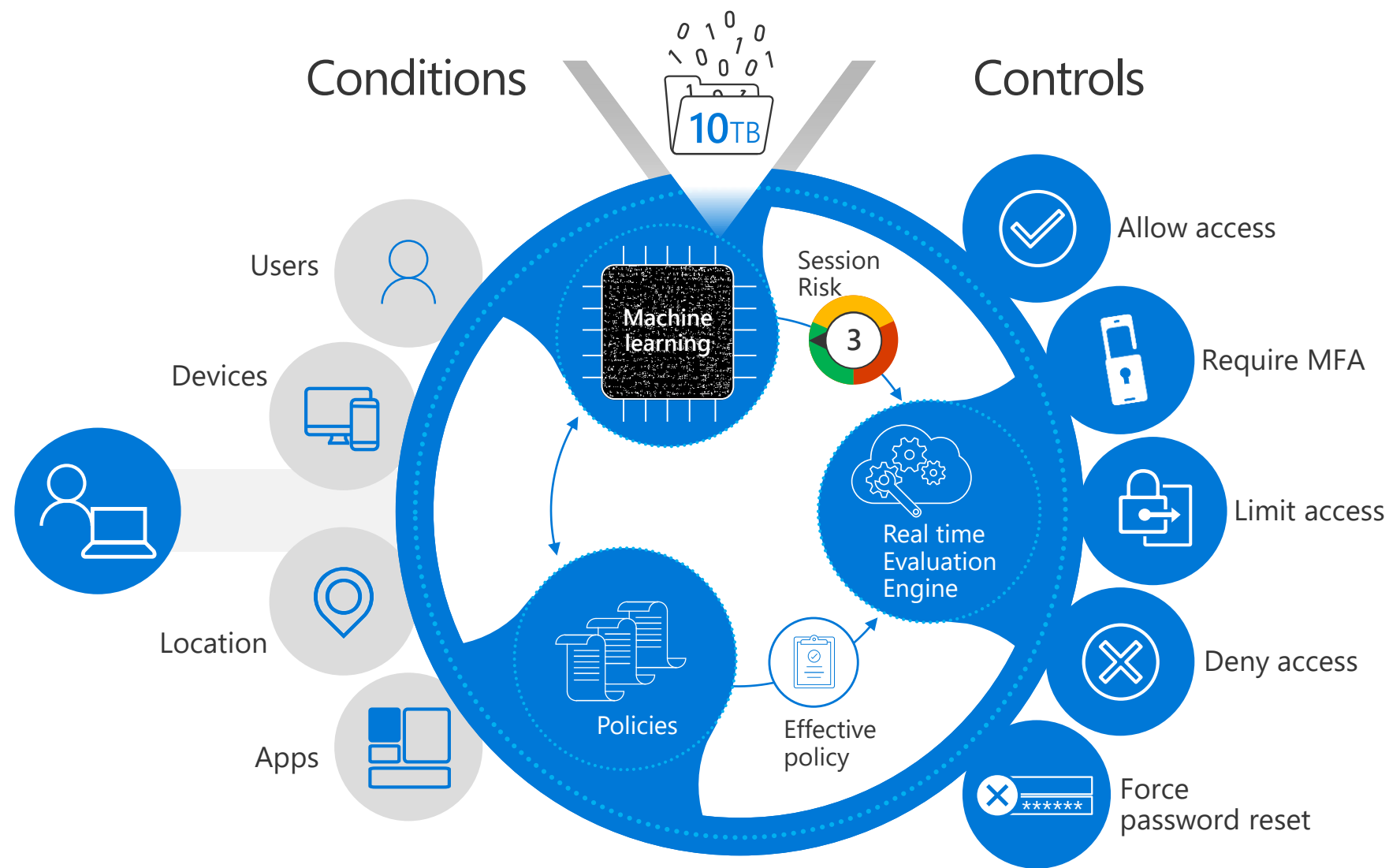


# Why access should be context aware?

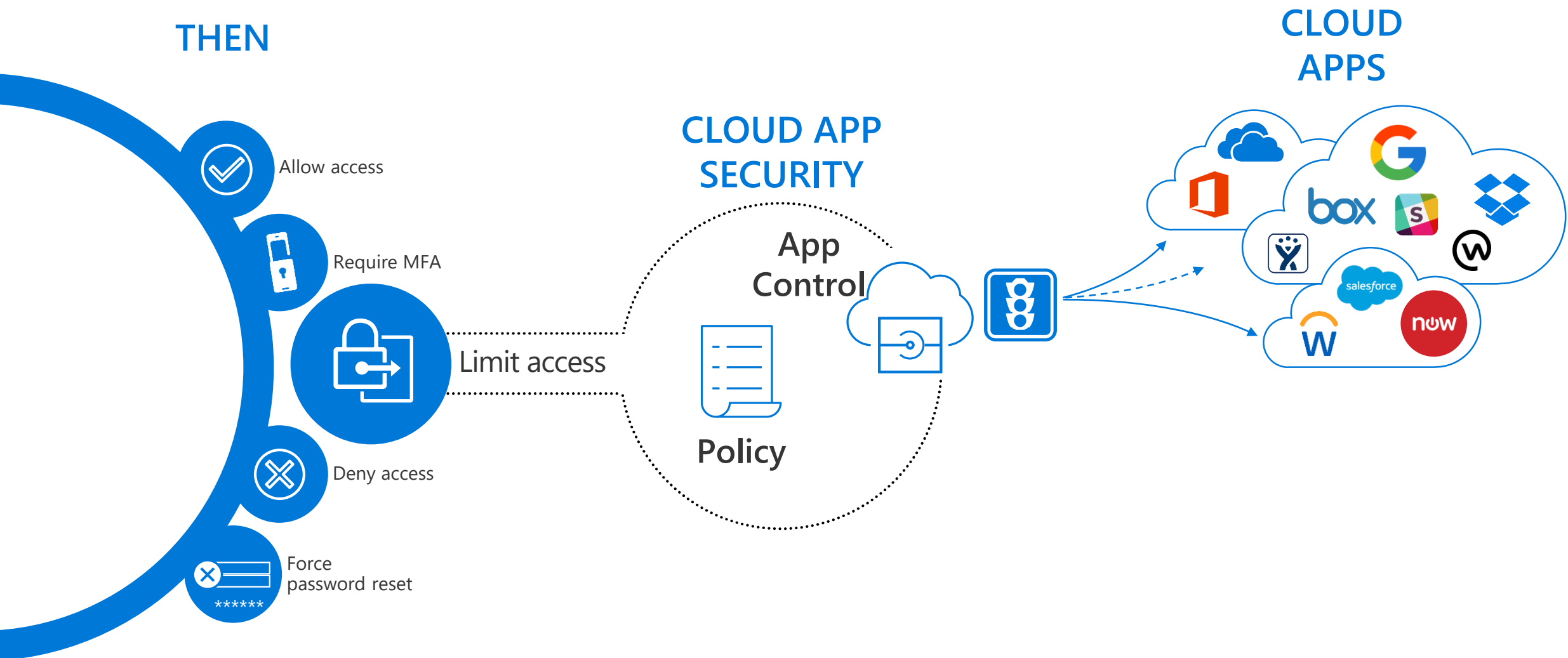


**ENFORCE**  
CONDITIONAL  
ACCESS

# Conditional Access



# Introducing Conditional Access App Control



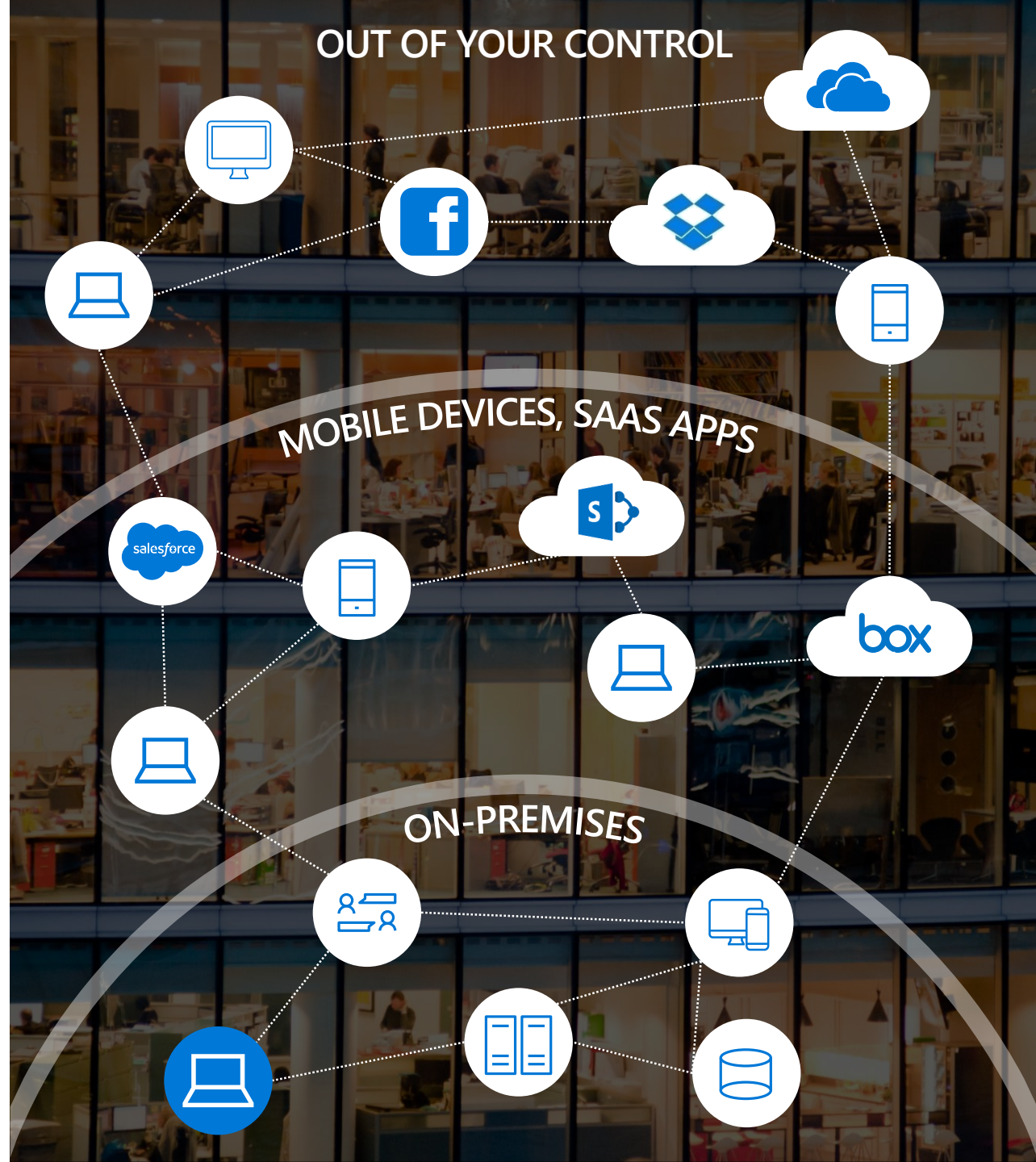
# **PROTECT** YOUR DATA **ANYWHERE**

Unified Information Protection





How much control do you have over data?



# MICROSOFT'S APPROACH TO **INFORMATION PROTECTION**

Comprehensive protection of sensitive data throughout the lifecycle – inside and outside the organization



Detect



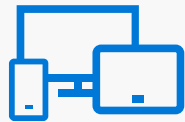
Classify



Protect



Monitor



DEVICES



CLOUD



ON PREMISES



# CLASSIFY ON **CREATION**

## **Automatic classification**

Policies can be set by IT Admins for automatically applying classification and protection to data, right on creation

## **Recommended classification**

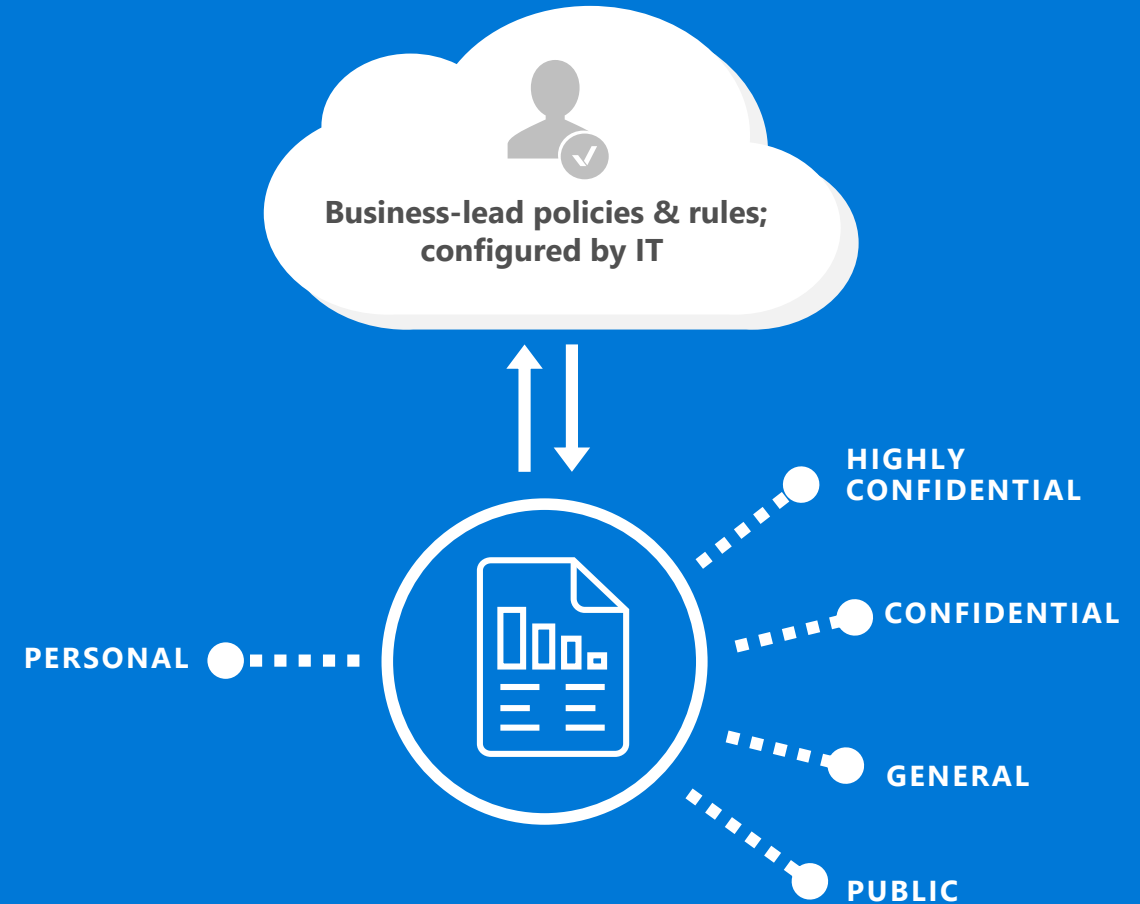
Based on the content you're working on, you can be prompted with suggested classification

## **Manual reclassification**

You can override a classification and optionally be required to provide a justification

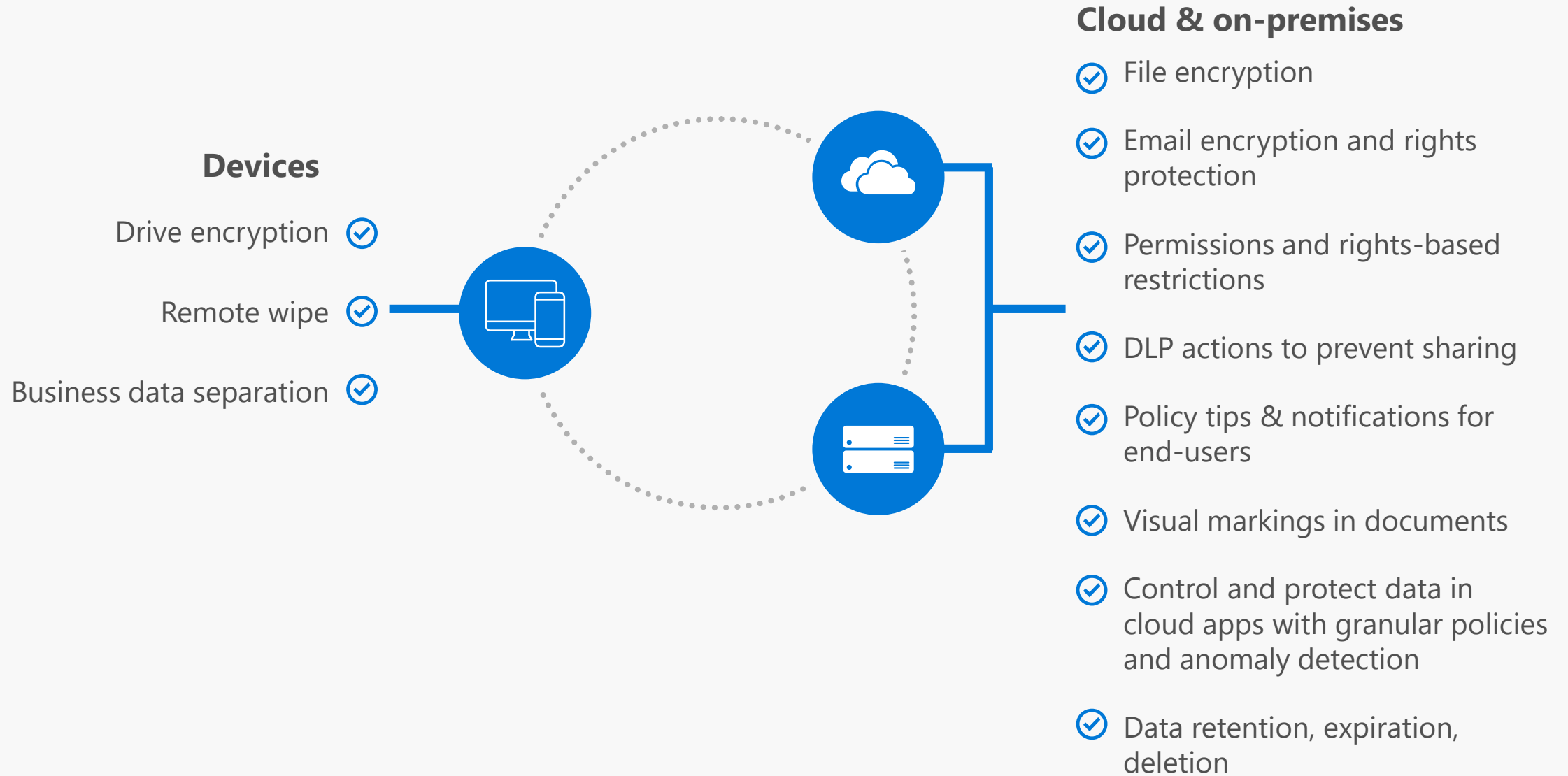
## **User-specified classification**

Users can choose to apply a sensitivity label to the email or file they are working on with a single click



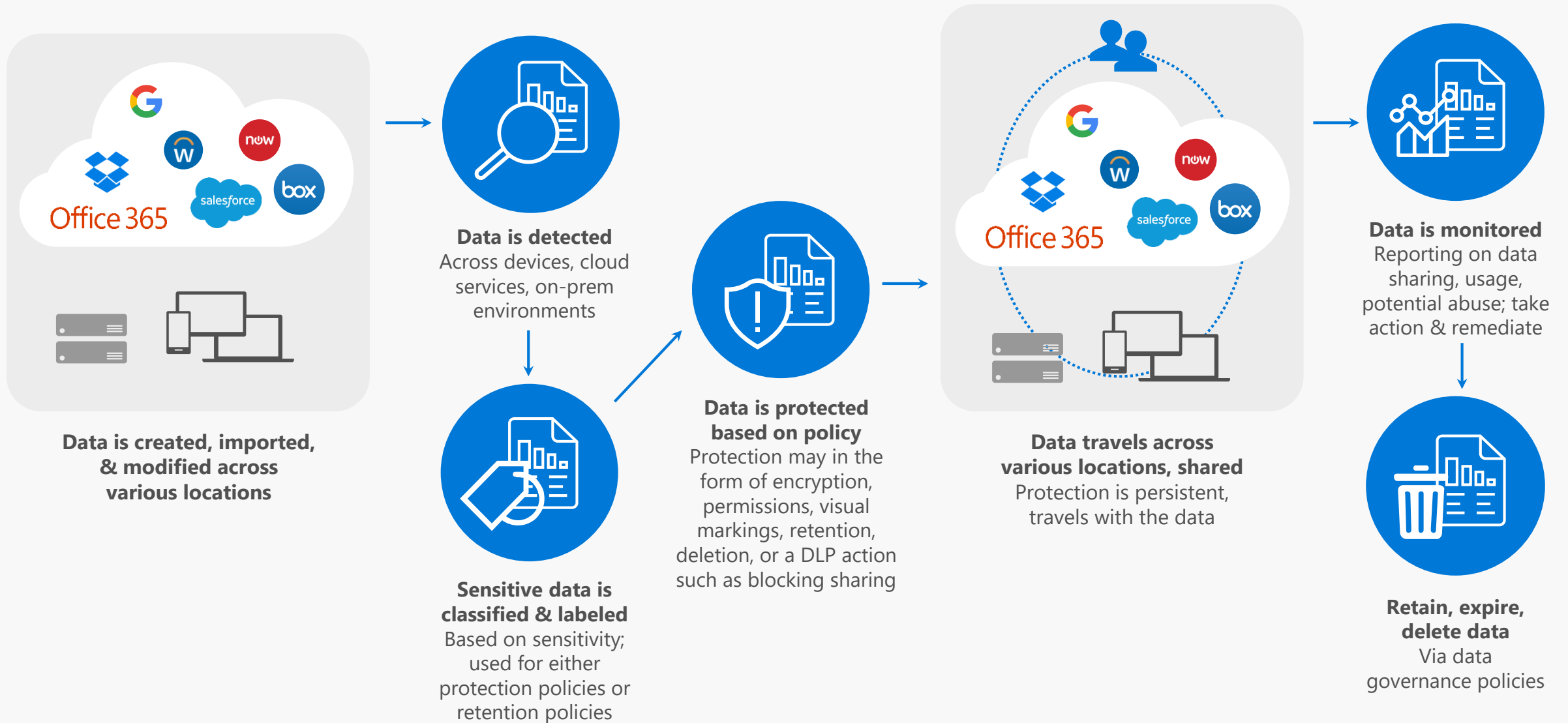


# PROTECT SENSITIVE DATA ACROSS YOUR ENVIRONMENT





# THE LIFECYCLE OF A SENSITIVE FILE



# **AUTOMATE**

## DETECTION & REMEDIATION

Intelligence, detection & remediation





**Detect &  
remediate attacks**

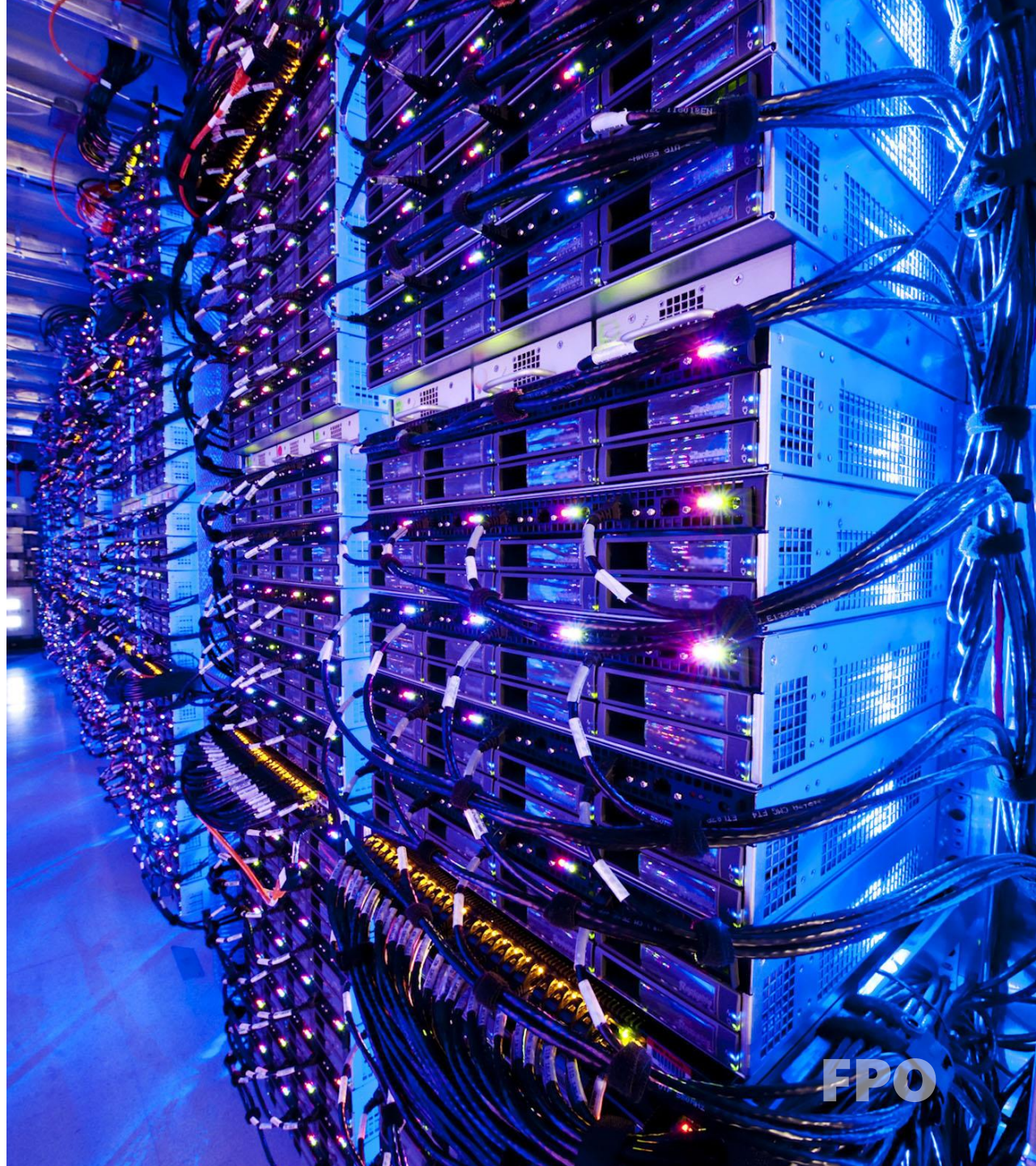
# 91%

of cyberattacks and  
the resulting data  
breach begin with a  
spear phishing email



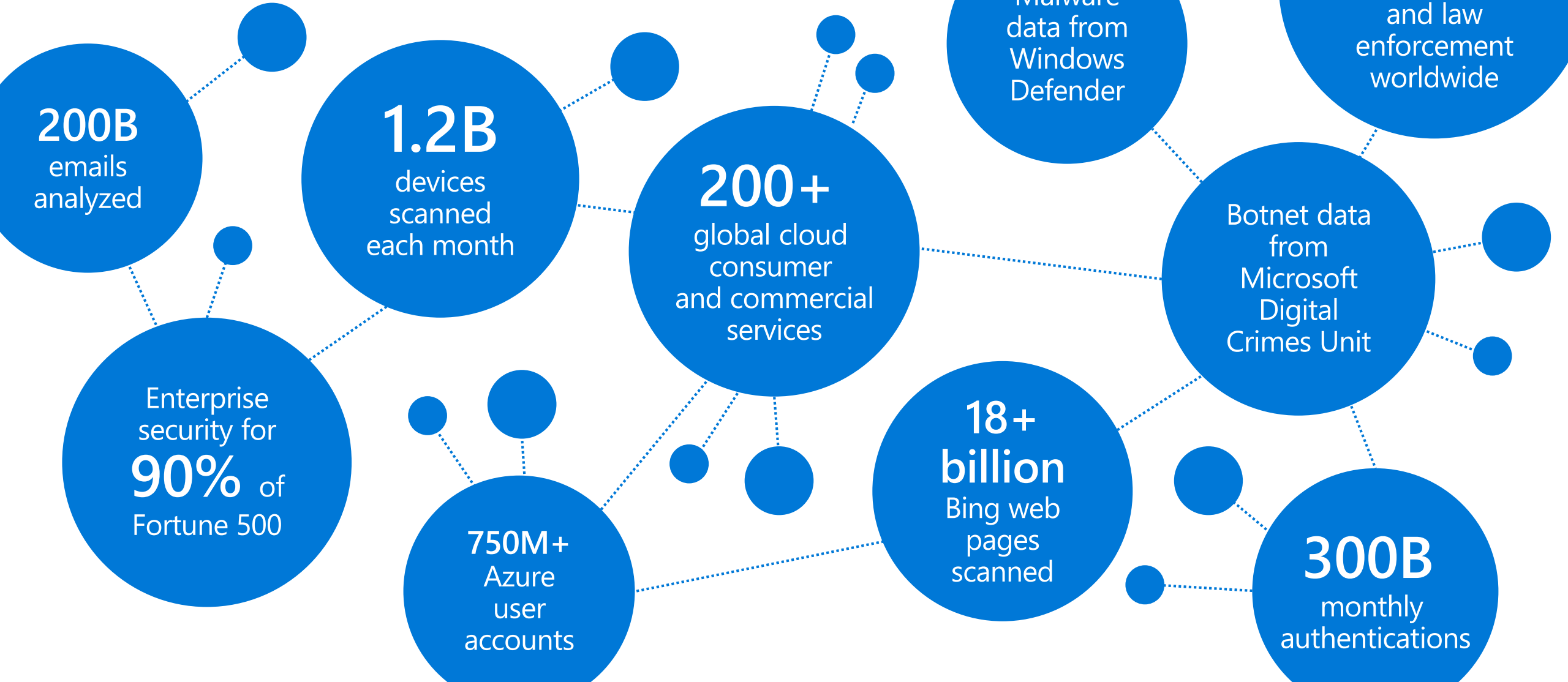


How quickly are you  
able to detect attacks?

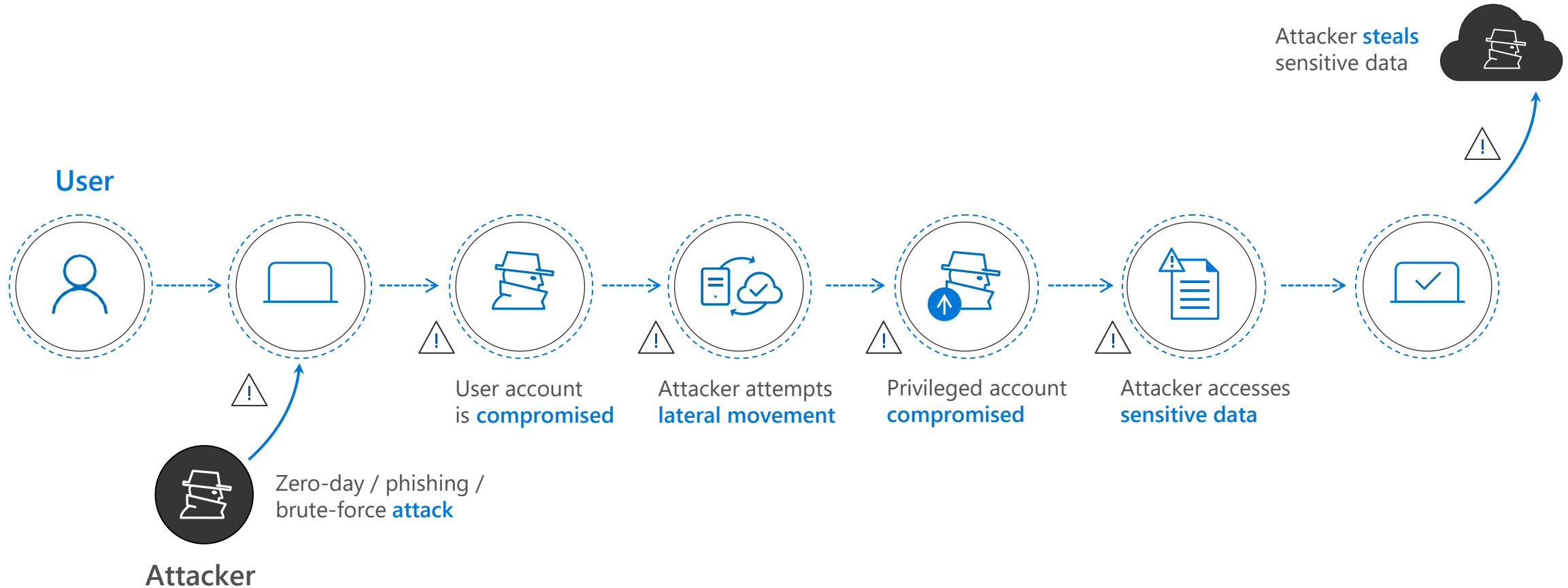


# Microsoft Intelligent Security Graph

Unique insights, informed by trillions of signals



# The anatomy of an attack



Anomalous user behavior  
Unfamiliar sign-in location



Lateral movement attacks  
Escalation of privileges  
Account impersonation



# Maximize detection coverage throughout the attack stages

