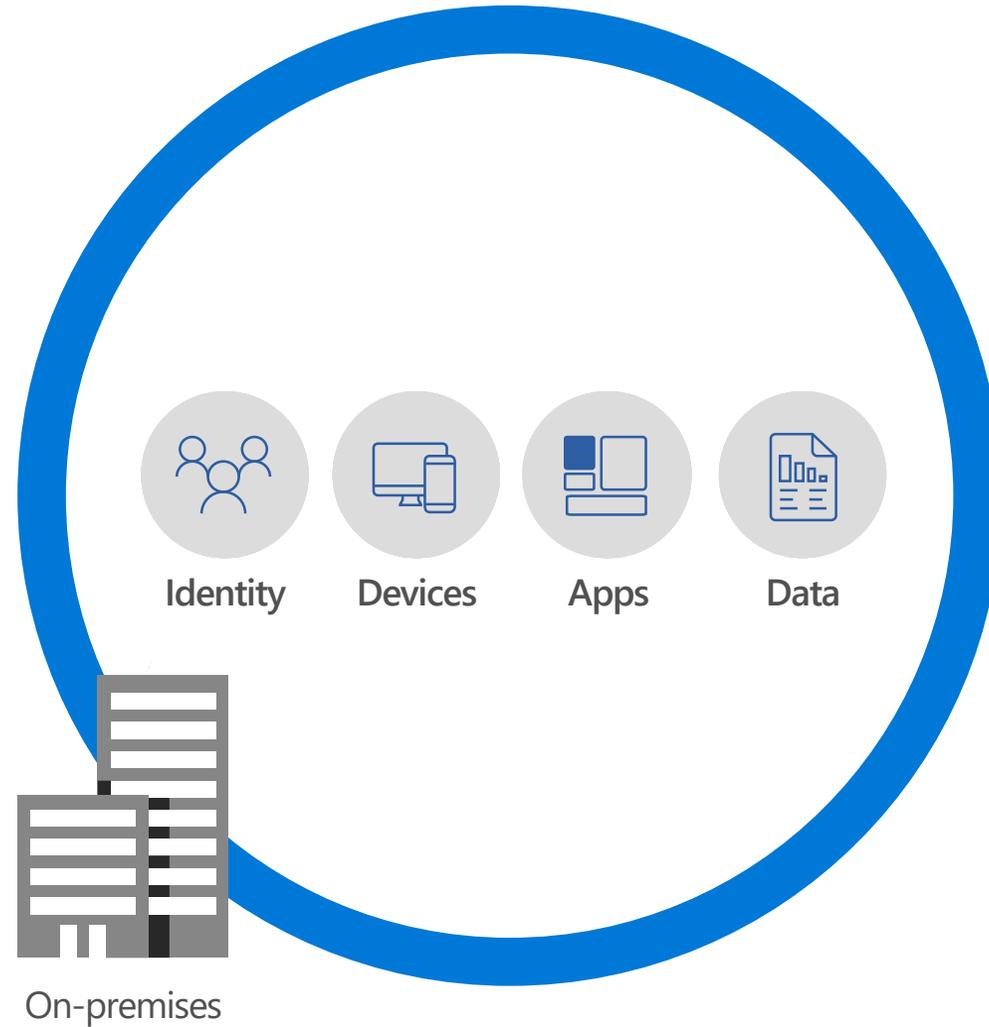




Security for the productive enterprise

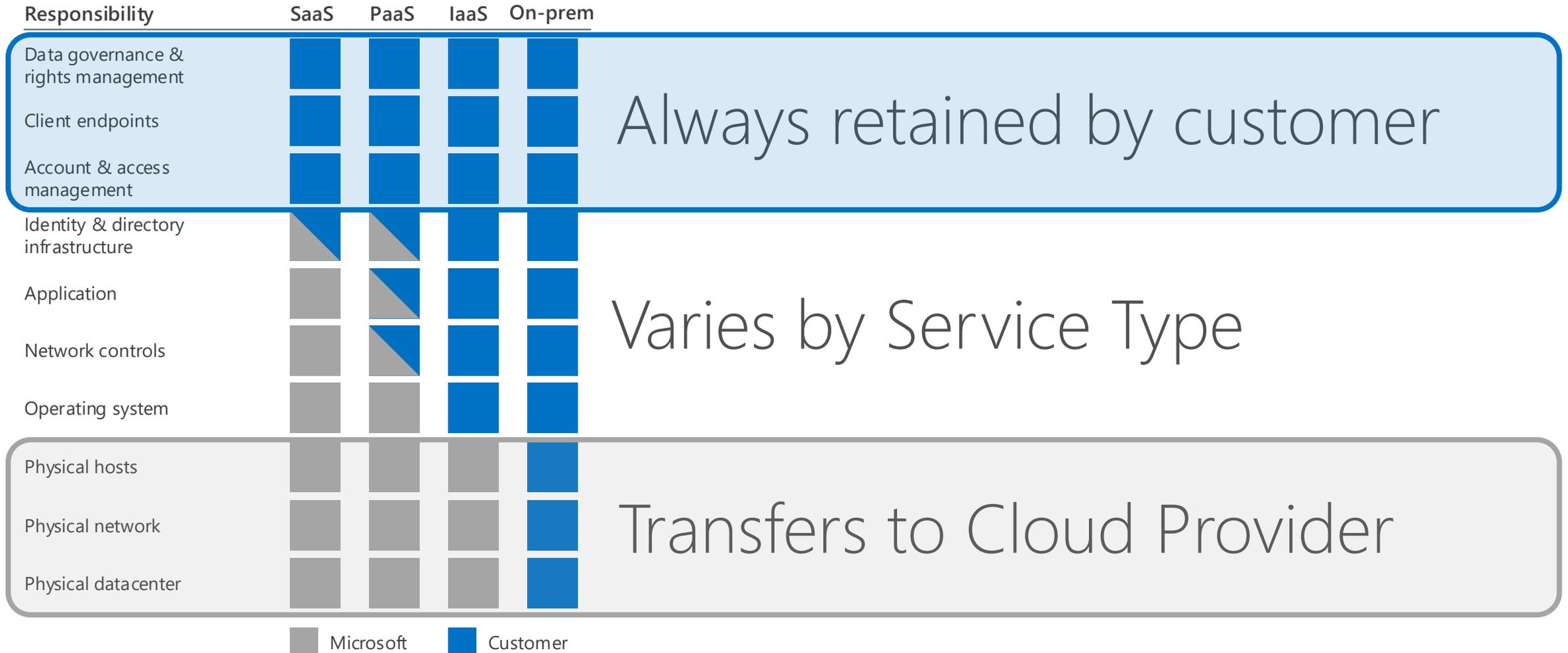
The security perimeter has changed

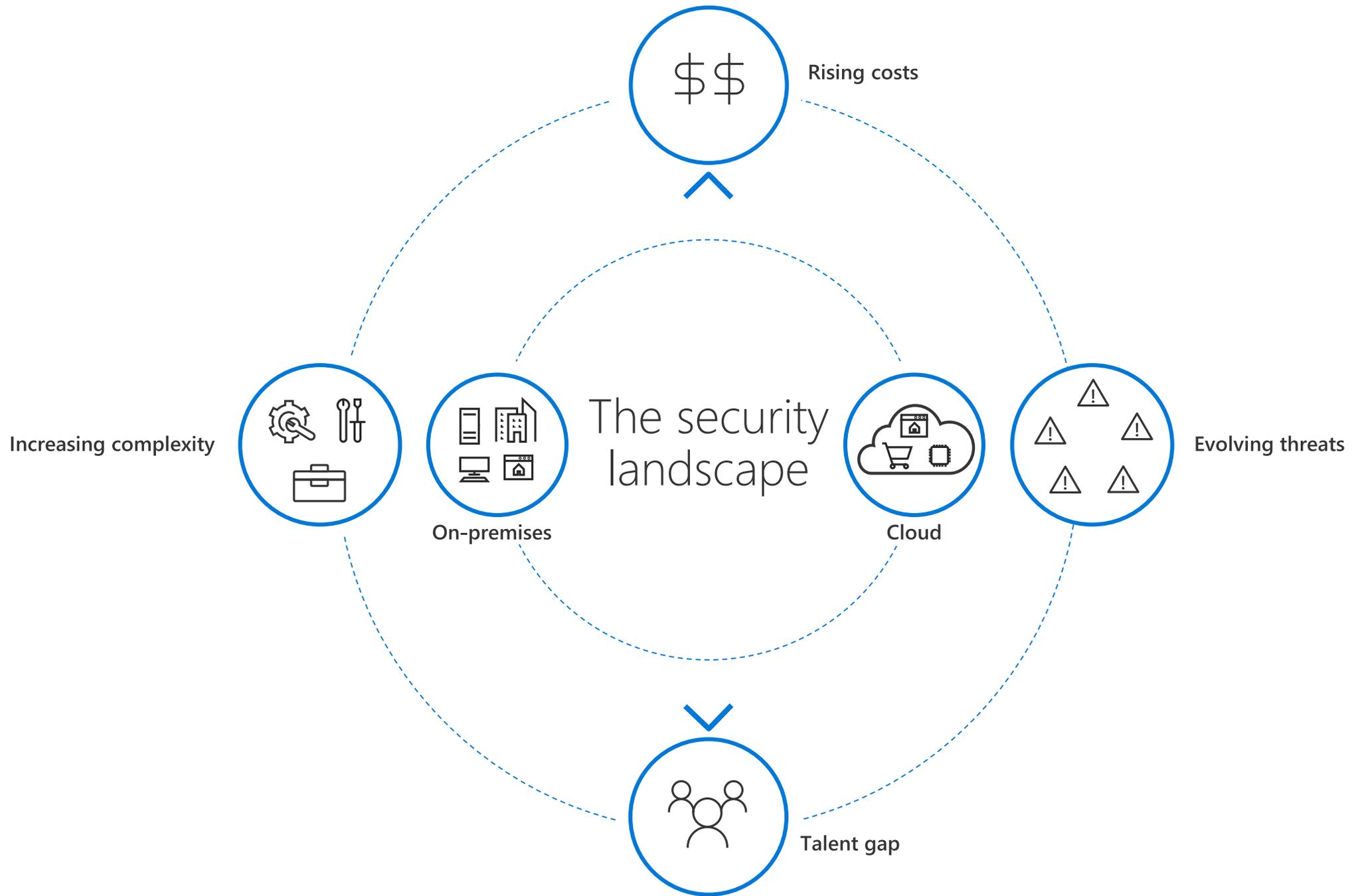


NOW THERE'S FEWER BOUNDARIES, MORE DATA, MORE COMPLEXITY

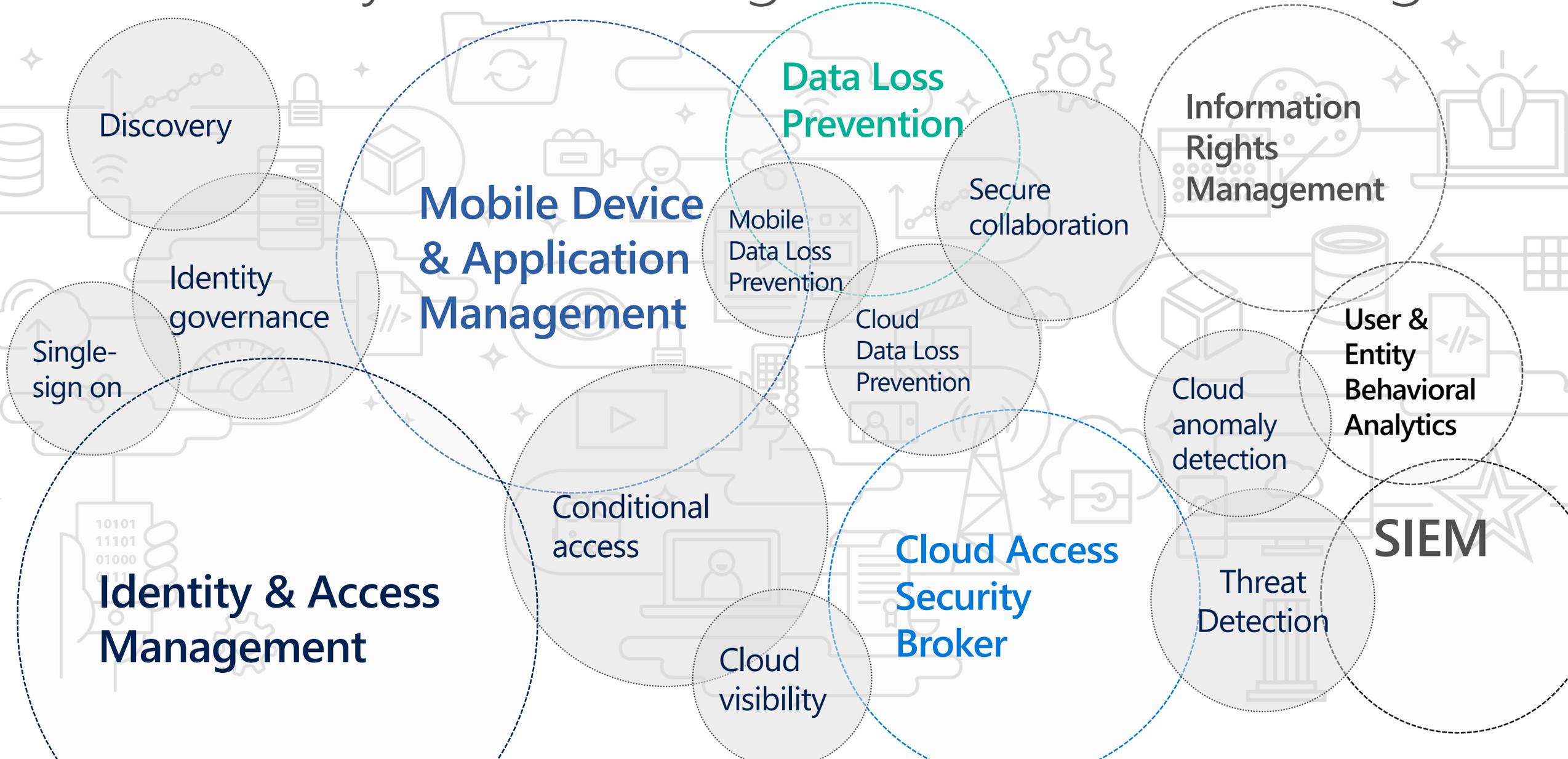


Cloud Redefines Responsibility Zones



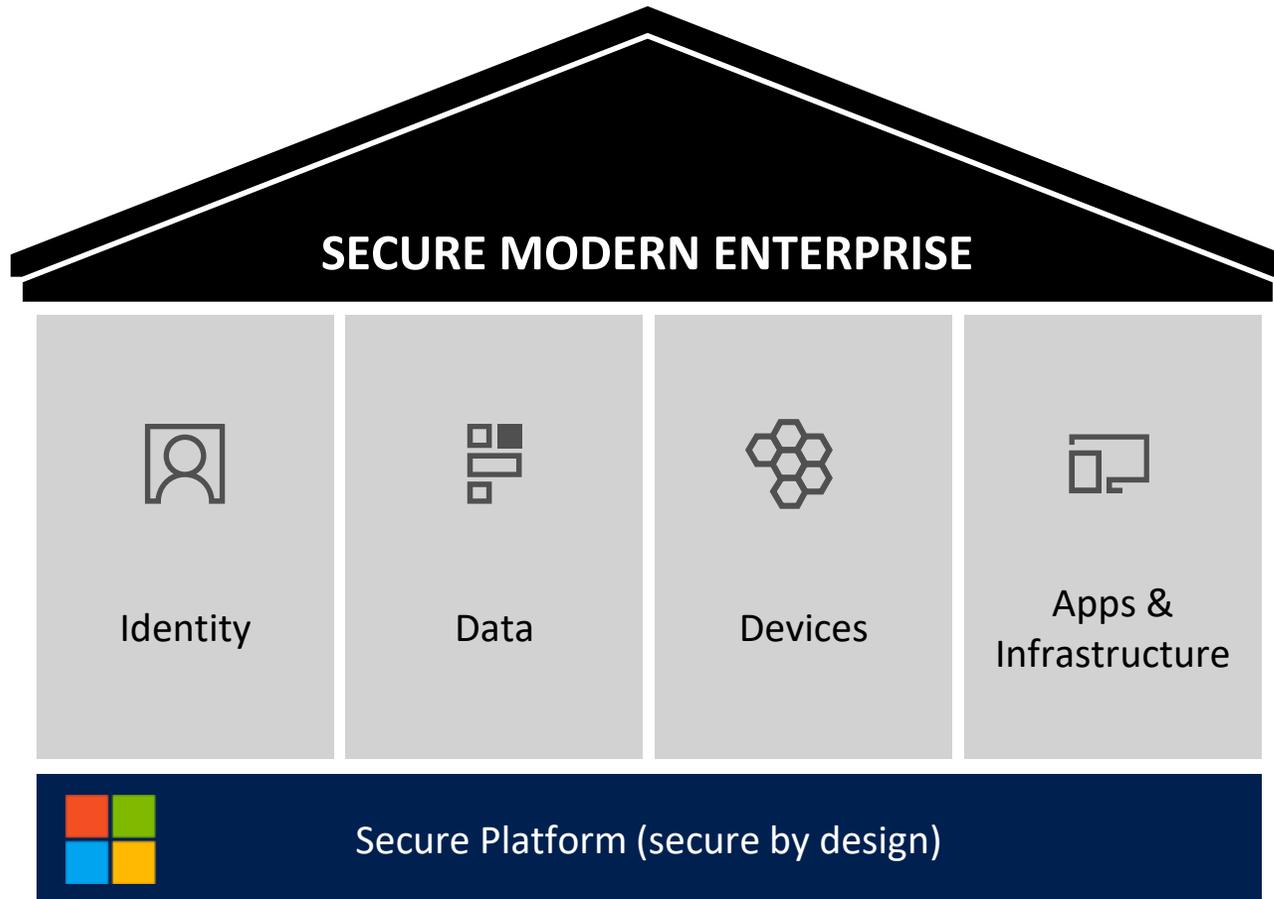


The security market is segmented and confusing



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



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
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



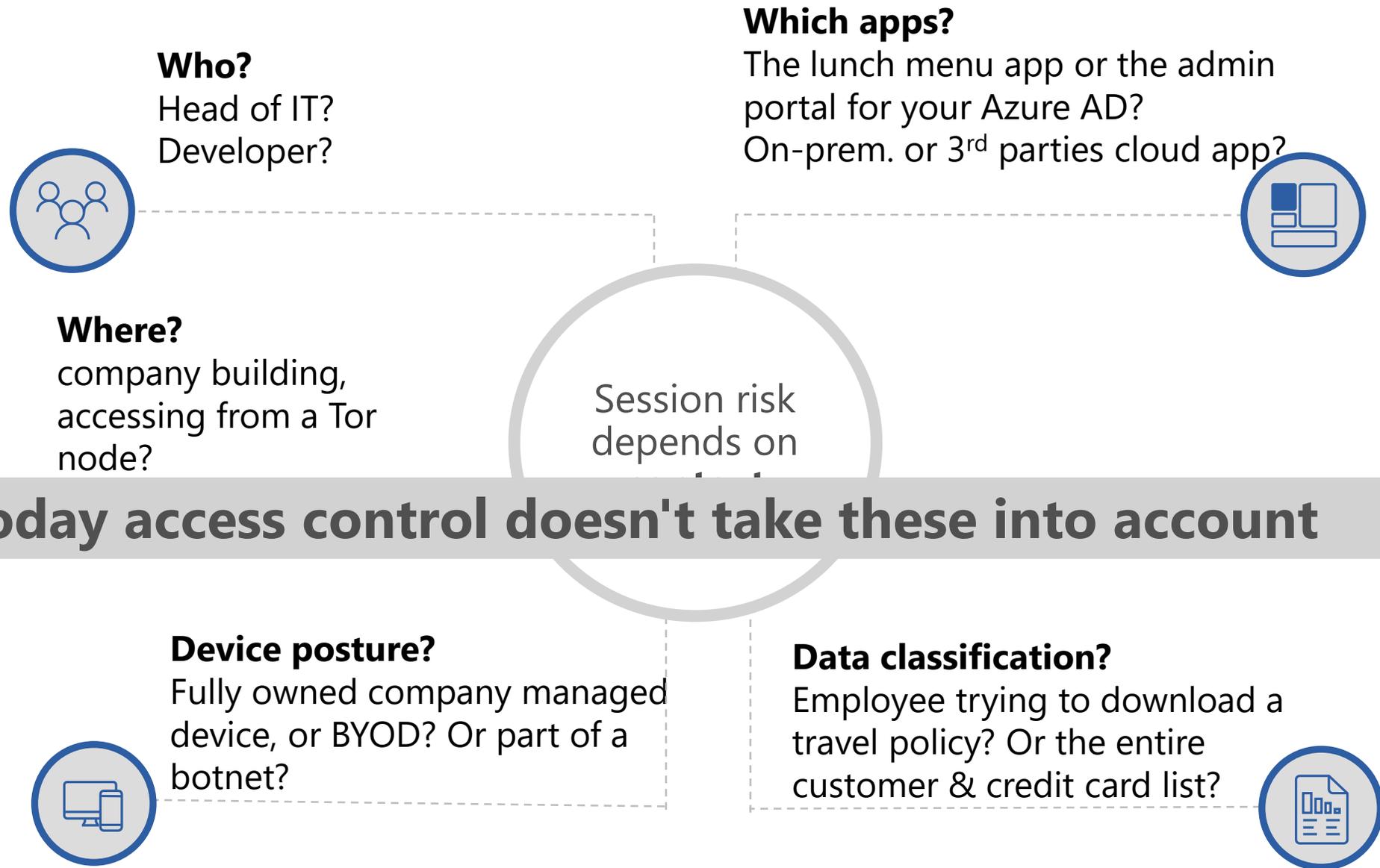
Strong Identity control

- 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?

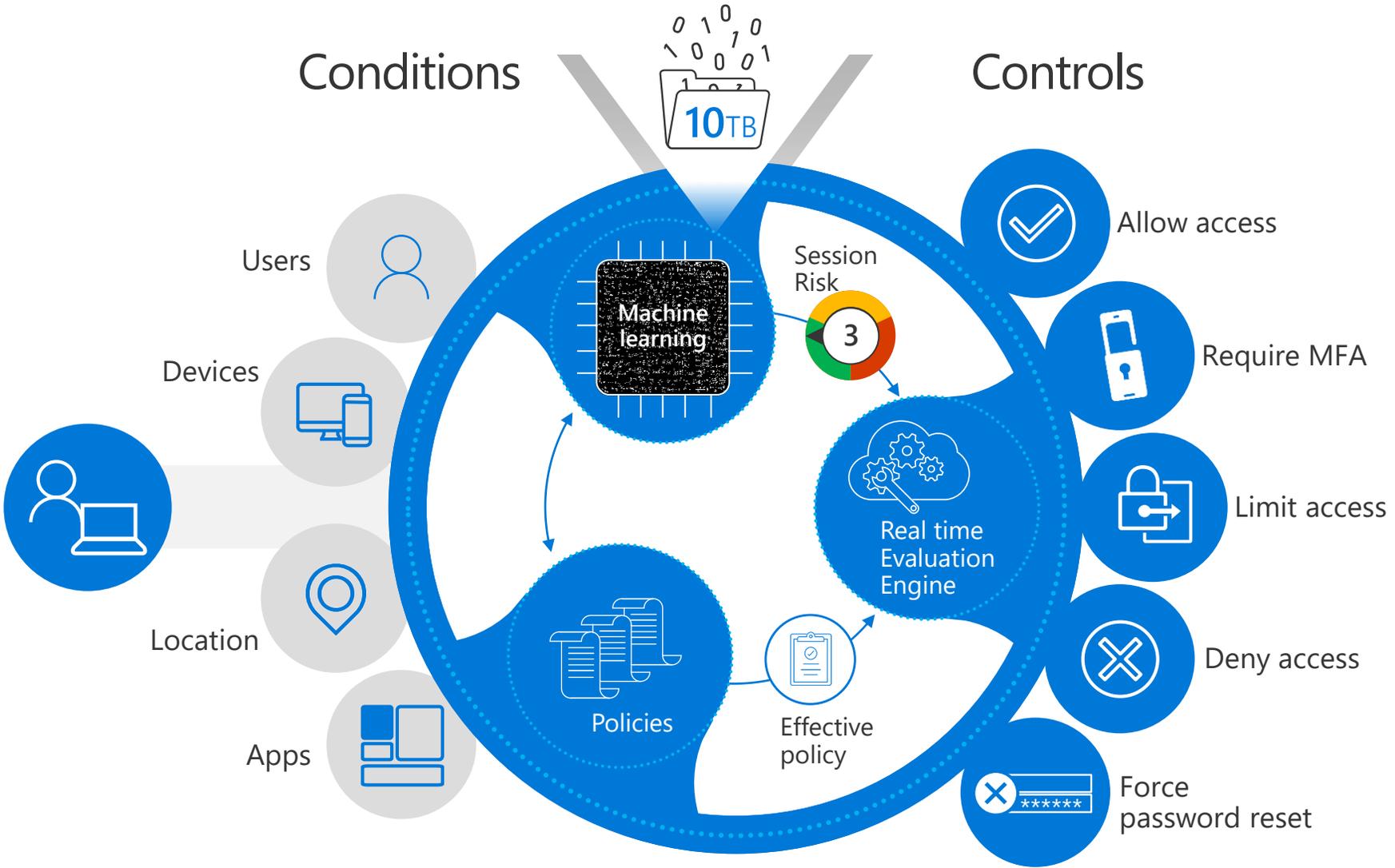


Today access control doesn't take these into account



ENFORCE
CONDITIONAL
ACCESS

Conditional Access



Introducing Conditional Access App Control

THEN

✓ Allow access

📱 Require MFA

🔒 Limit access

✗ Deny access

✗ Force password reset

CLOUD APP SECURITY

App Control



Policy



CLOUD APPS

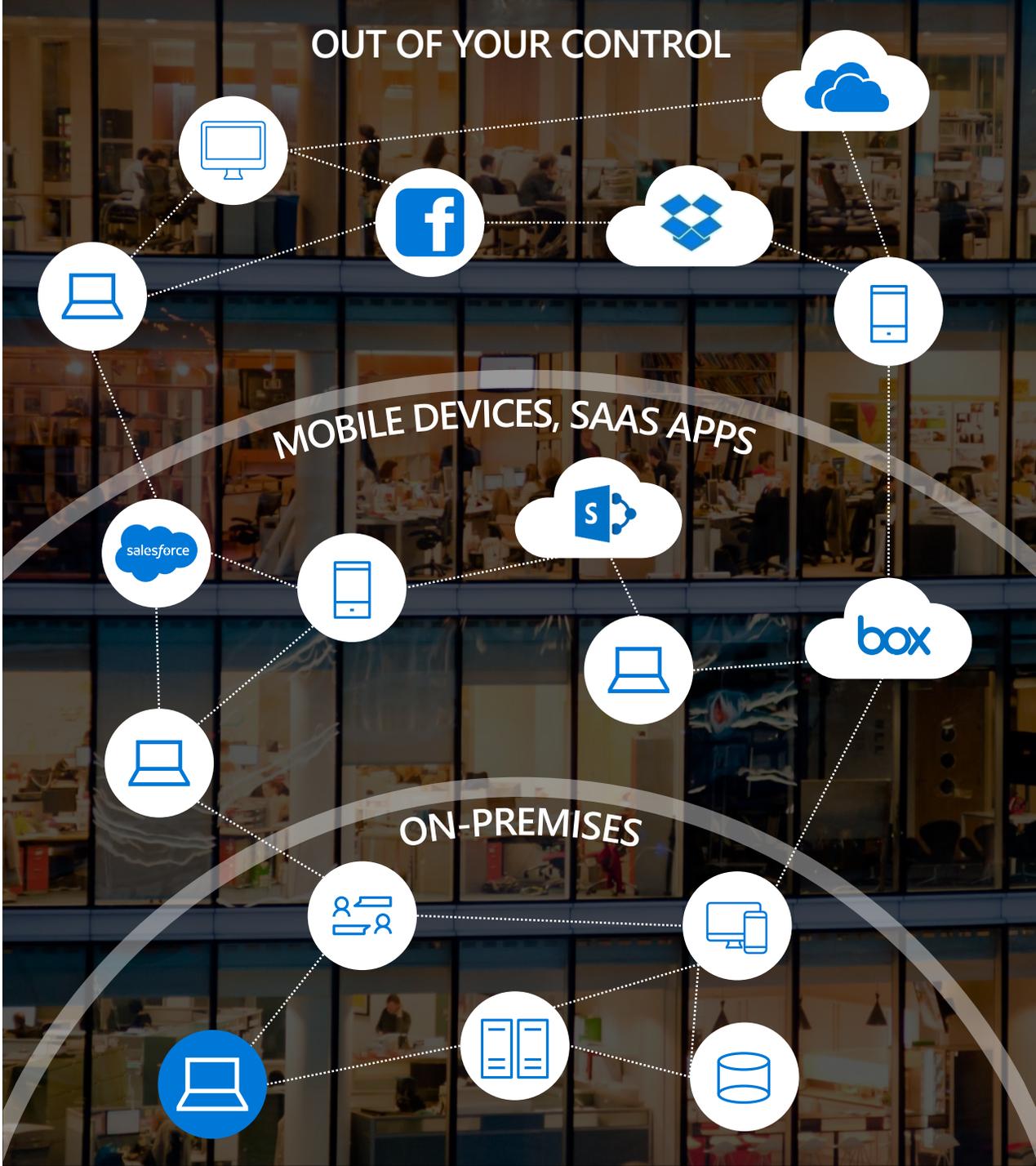


PROTECT YOUR DATA **ANYWHERE**

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



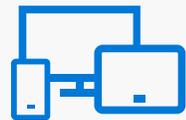
Classify



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

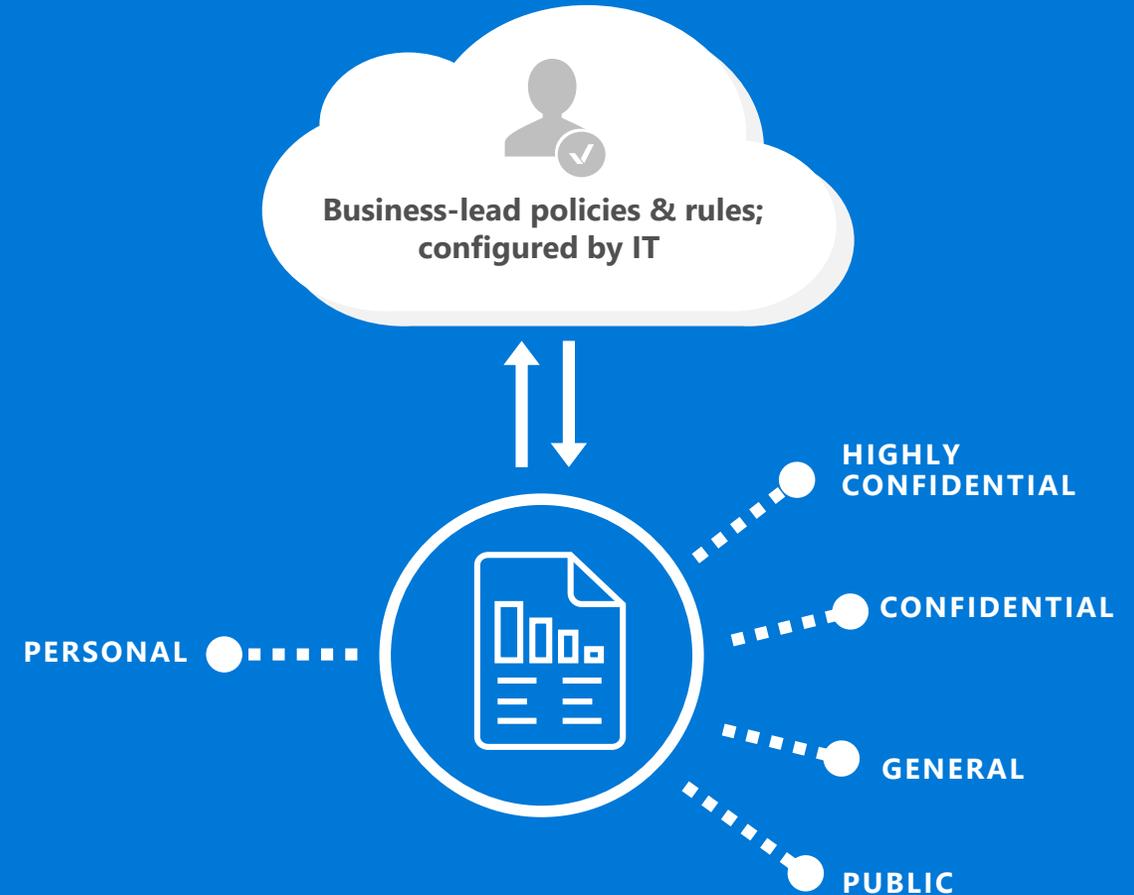
Based on the content you're working on, you can be prompted with suggested classification

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

Devices

Drive encryption ✓

Remote wipe ✓

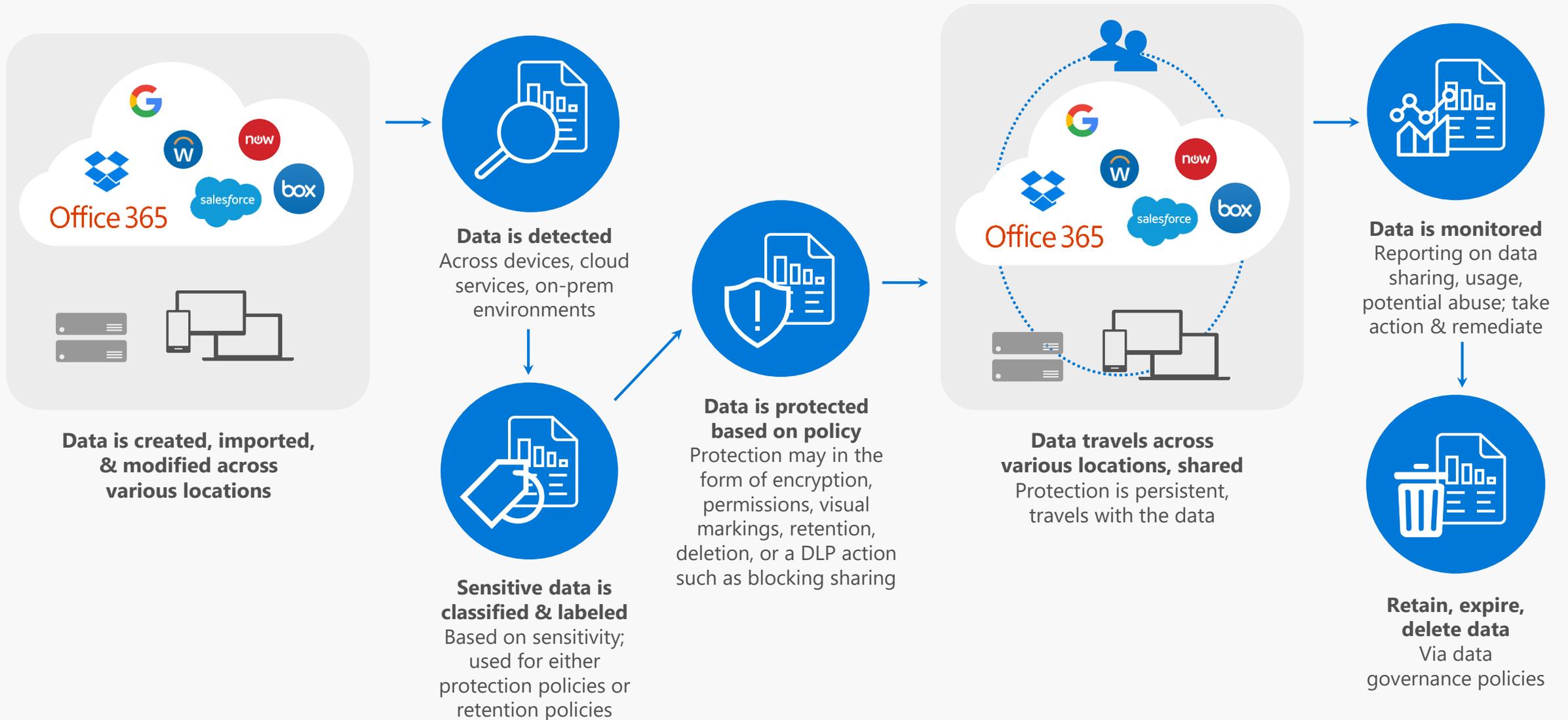
Business data separation ✓



Cloud & on-premises

- ✓ File encryption
- ✓ Email encryption and rights protection
- ✓ Permissions and rights-based restrictions
- ✓ DLP actions to prevent sharing
- ✓ Policy tips & notifications for end-users
- ✓ Visual markings in documents
- ✓ Control and protect data in cloud apps with granular policies and anomaly detection
- ✓ Data retention, expiration, deletion

THE LIFECYCLE OF A SENSITIVE FILE



AUTOMATE DETECTION & REMEDIATION

Intelligence, detection & remediation





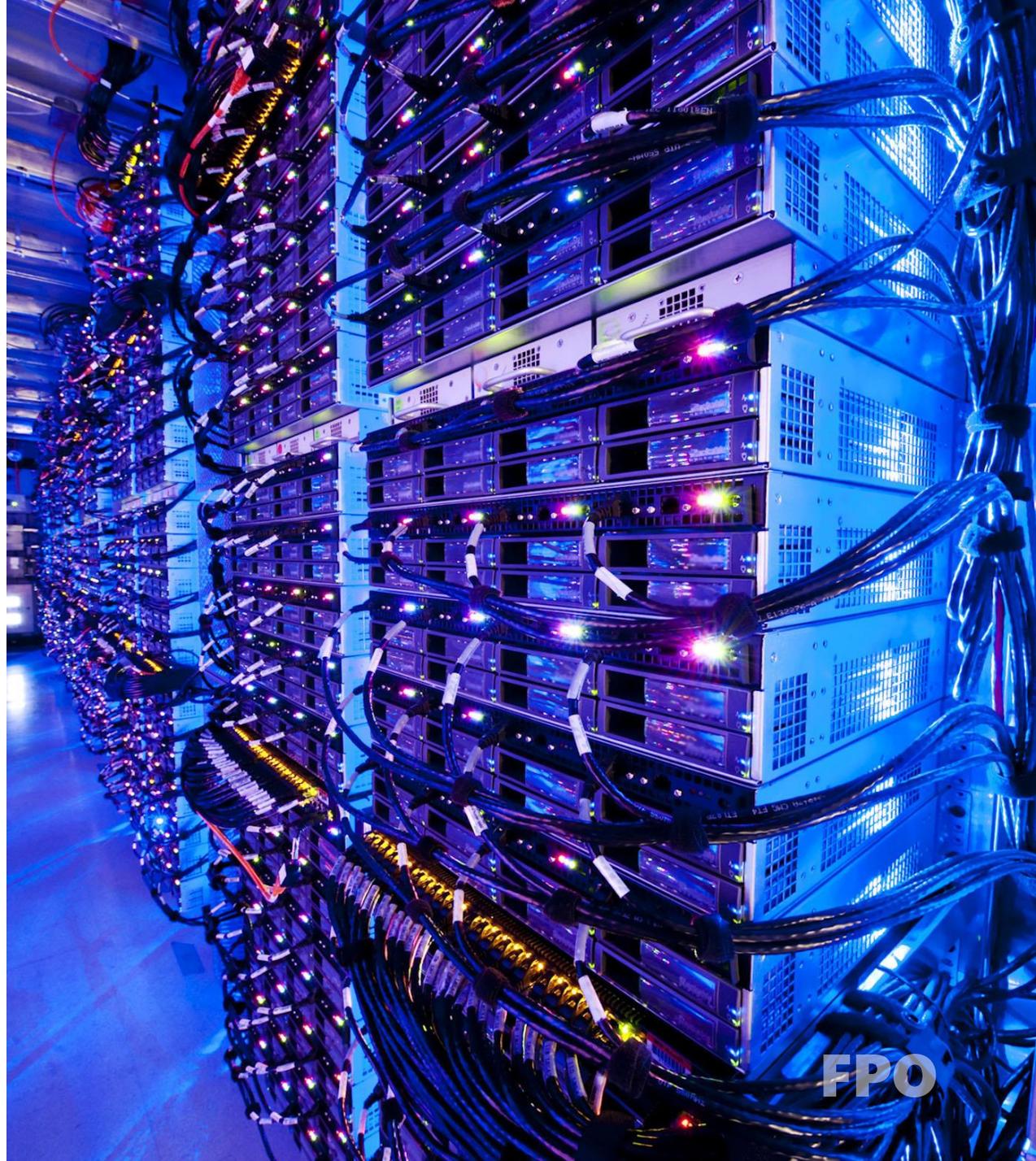
**Detect &
remediate attacks**

91%

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

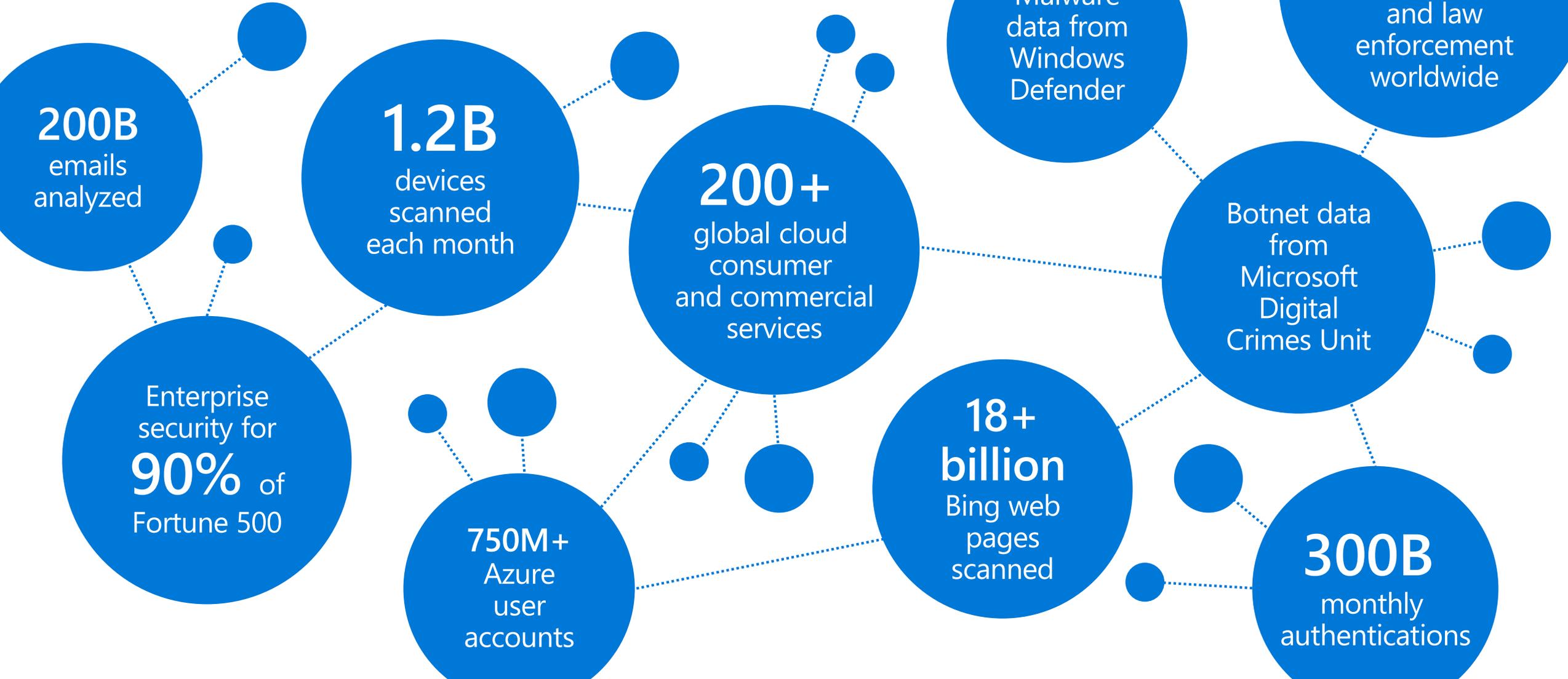


How quickly are you able to detect attacks?

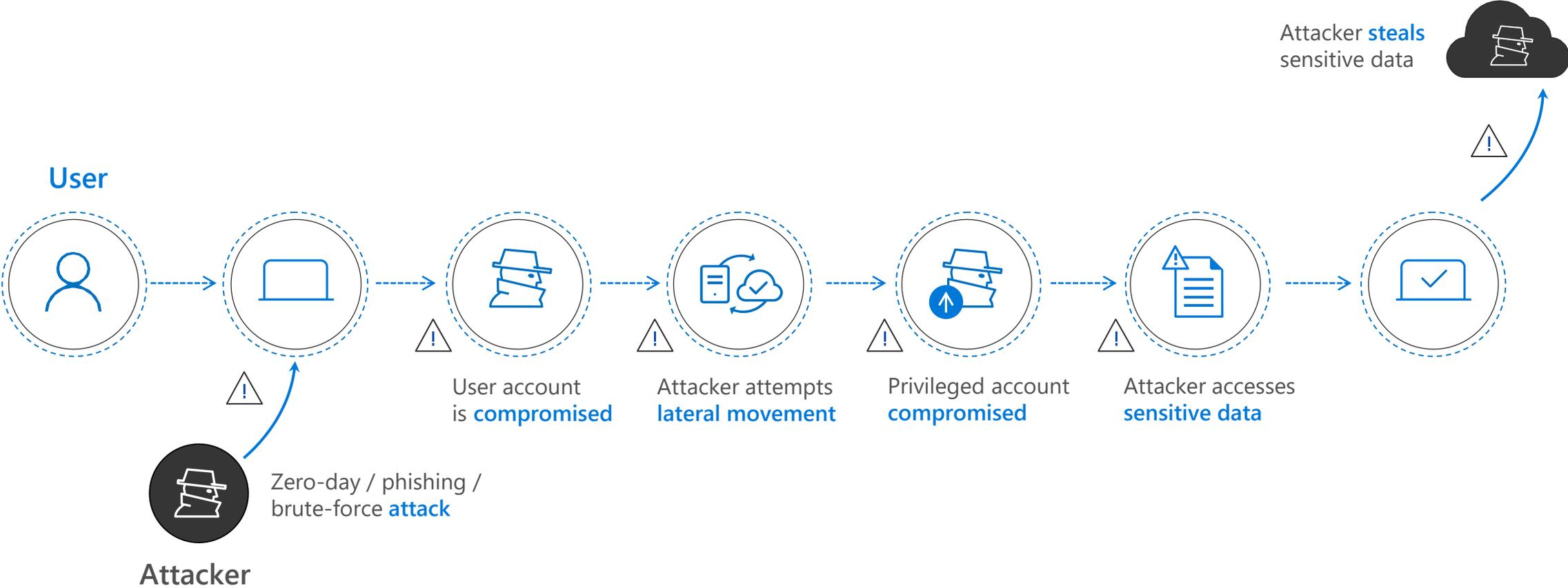


Microsoft Intelligent Security Graph

Unique insights, informed by trillions of signals



The anatomy of an attack

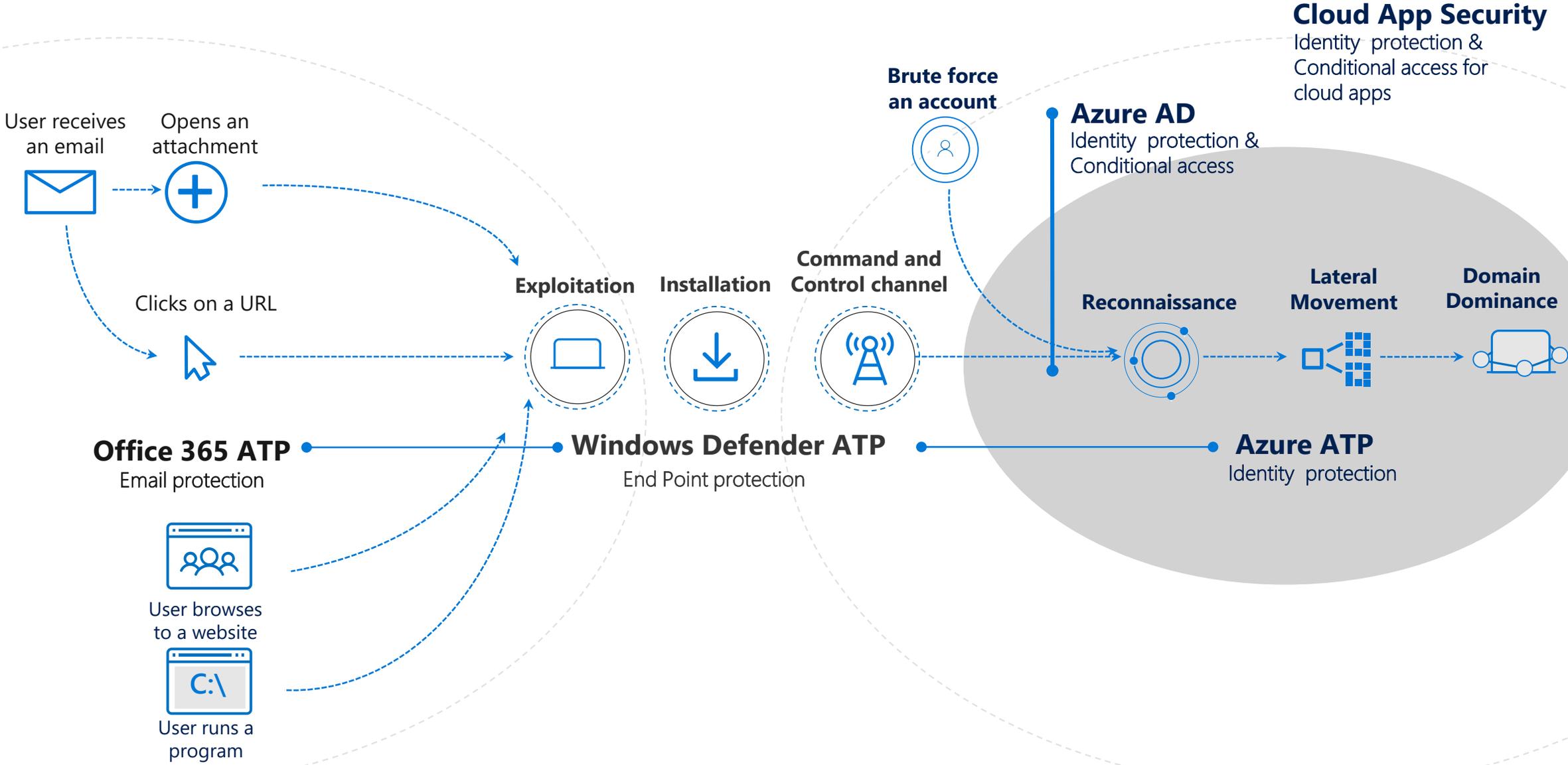


Anomalous user behavior
Unfamiliar sign-in location



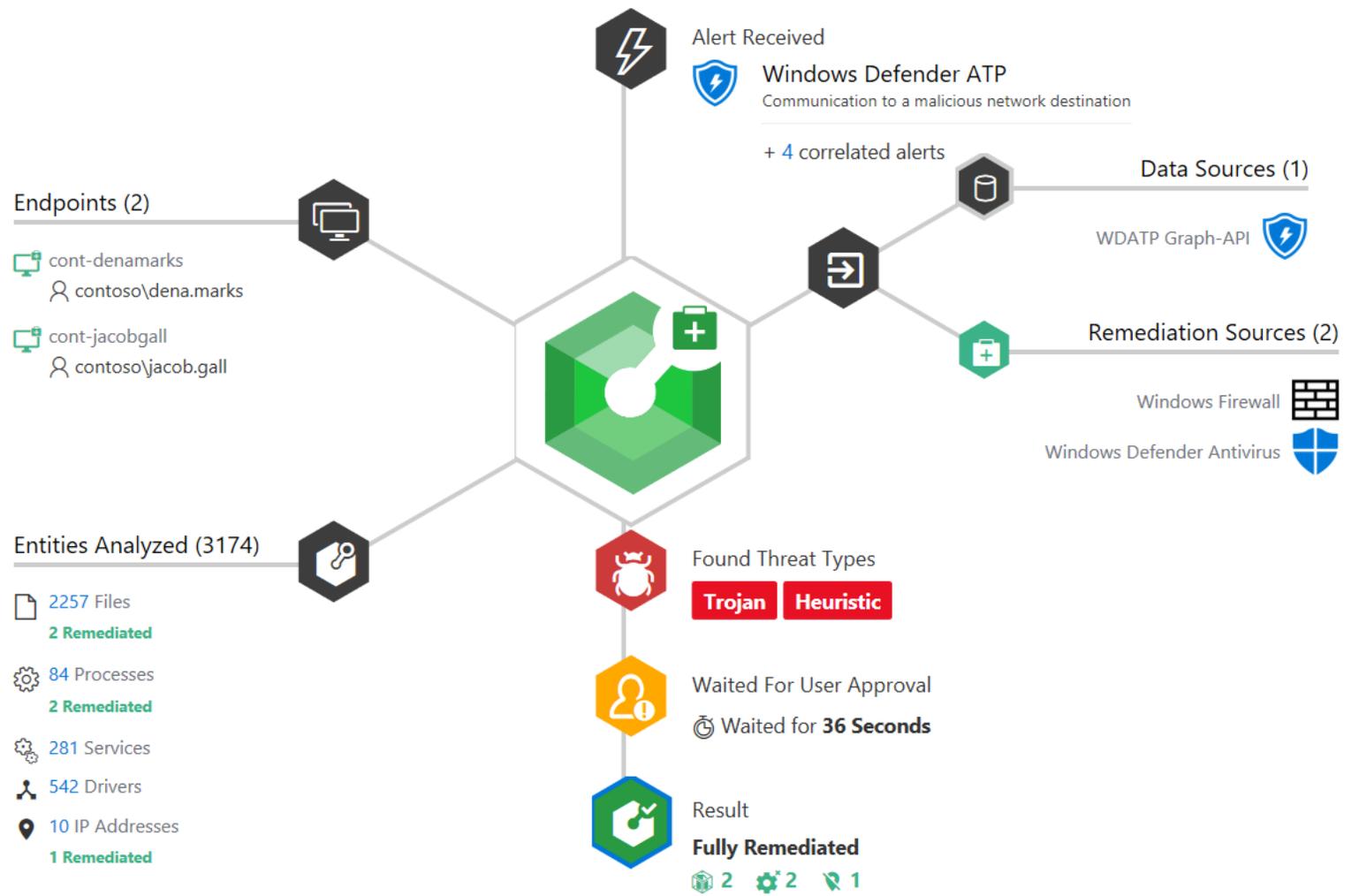
Lateral movement attacks
Escalation of privileges
Account impersonation

Maximize detection coverage throughout the attack stages



Communication to a malicious network destination (#17386) 4:11m Actions (79) Comments (2) Tags (0)

Result



Fully Remediated
The malicious entities uncovered during the investigation have been successfully remediated.

2 Files were quarantined

- \$r6bq1c4.exe | c:\\$recycle.bin\s-1-5-21-16971-85450-2076875350-1481720747-500\\$r6bq1c4.exe
 Threat Type: **Heuristic**
 Endpoint: cont-denemarks
[View File details](#)

- pcanyweeer.exe | c:\users\dena.marks\desktop\pcanyweeer.exe
 Threat Type: **Trojan**
 Endpoint: cont-jacobgall
[View File details](#)

2 Processes were terminated

