Microsoft

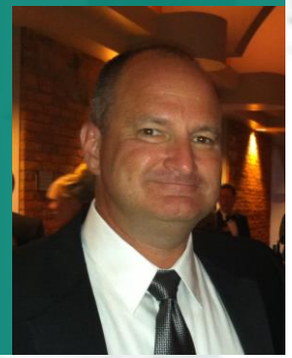
Enterprise Mobility Suite (EMS)

MEEC-Team

David Pearlman-Director Enterprise Mobility

US Education

David.Pearlman@microsoft.com



45 Valuable Minutes

We are here from Microsoft…..

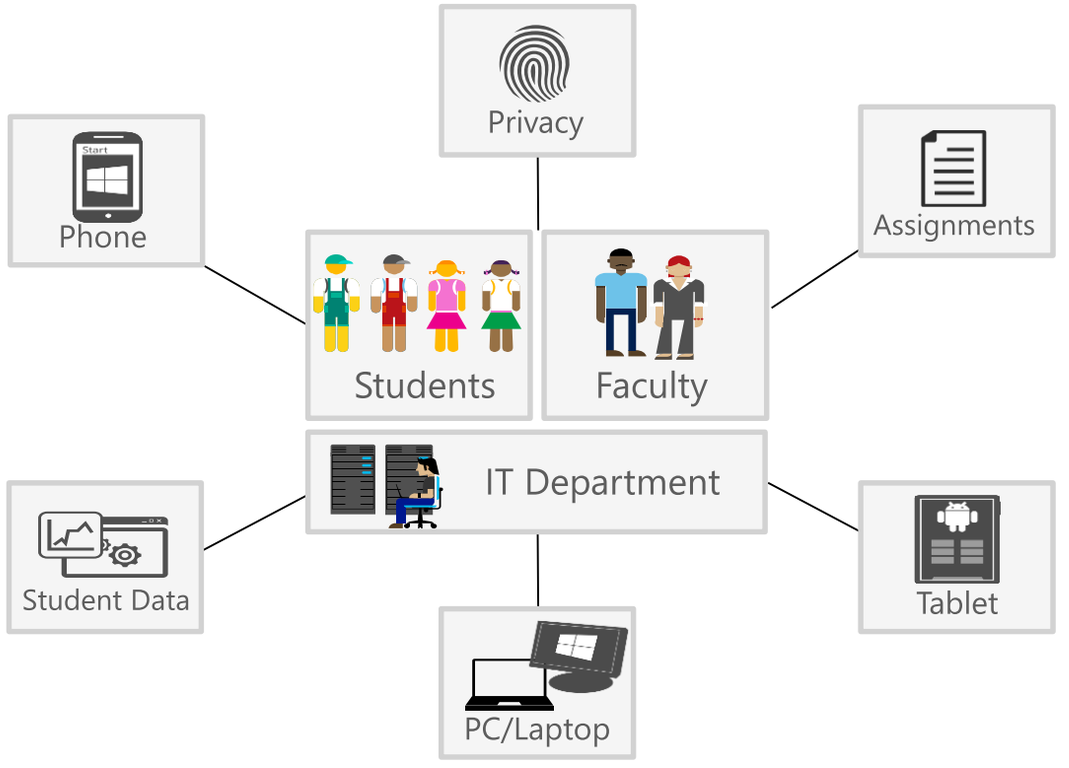
And we are here to help!!

Mobility in Education

The needs of your customers are changing. Students and educators want to be able to access their information anywhere, anytime, while maintaining compliance and reducing risk.

College students own average of 6.9 devices.

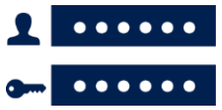
74% of higher education CIOs say mobility and BYOD has increased as strategic priority over previous year.



What is the value of Azure's mobility solution in education?

- **Hybrid Identity:** Give students and educators access to cloud and on-premises assets, for a consistent UX and more efficient IT management.
- **Mobile Devices and Application Management:** Provide easy access to the apps teachers and students need, making it simple to manage multiple devices across many platforms.
- **Access and Information Protection:** Register devices and allow users to access assignments and content from one secure location, and maintain the privacy of their data.
- **Threat Protection:** Give your IT the ability to stay one step ahead of any potential security threats to your system.

Enterprise Mobility Suite



Identity and access management

Microsoft Azure Active Directory Premium

Easily manage identities across on-premises and cloud

Single sign-on and self-service for corporate resources

Device and app management

Microsoft Intune
System Center Configuration Manager

Leverage PC management, MDM, and MAM to protect corporate apps and data on almost any device

Information protection

Microsoft Azure Rights Management Premium

Encryption, identity, and authorization to secure corporate files and email across phones, tablets, and PCs

Behavior-based threat analytics

Advanced Threat Analytics

Identify suspicious activities and advanced threats in near real time with simple, actionable reporting

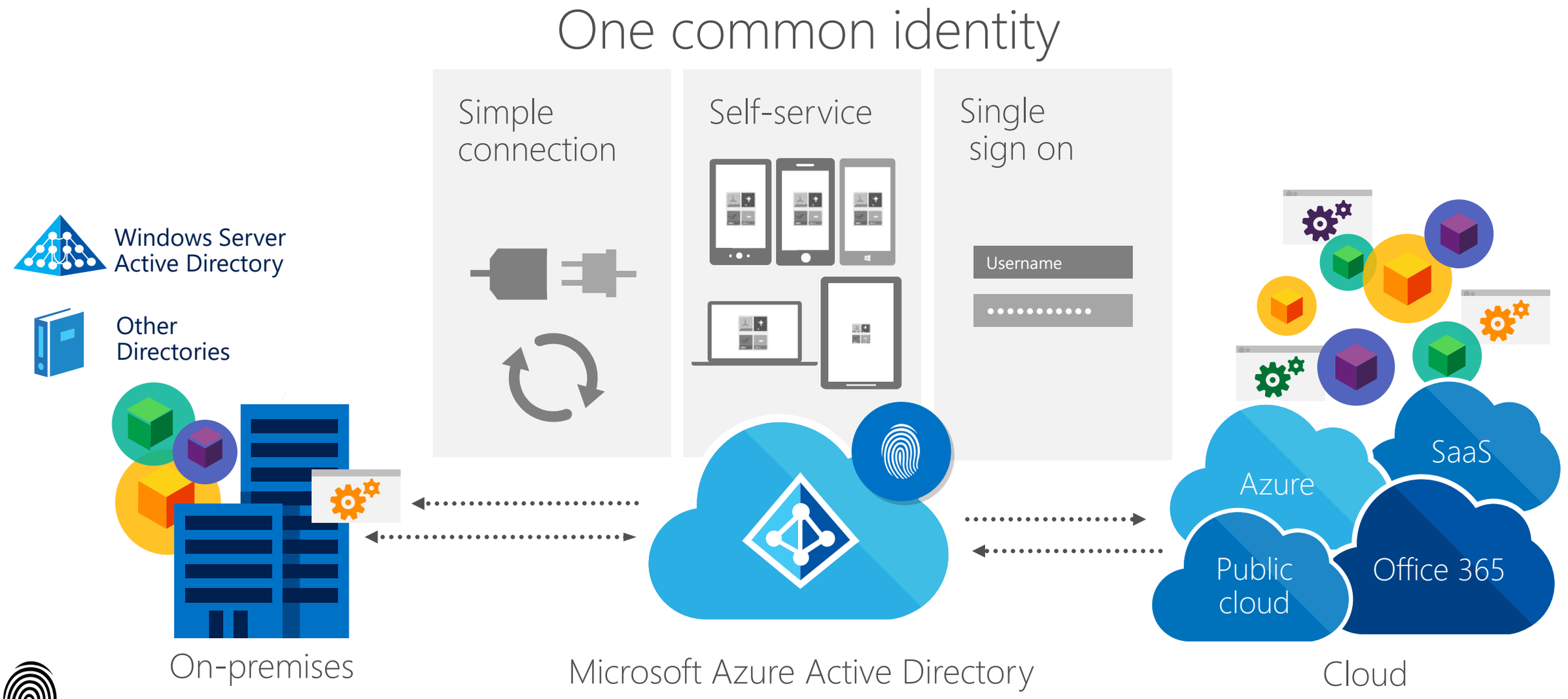
The current reality

HIGHTAIL Dropbox amazon web services™ Microsoft Azure EC2 Microsoft Dynamics box CONCUR Basecamp®

ShareFile by CITRIX GoToMeeting by CITRIX salesforce.com force.com Office 365 SAP SUGARCRM Microsoft System Center

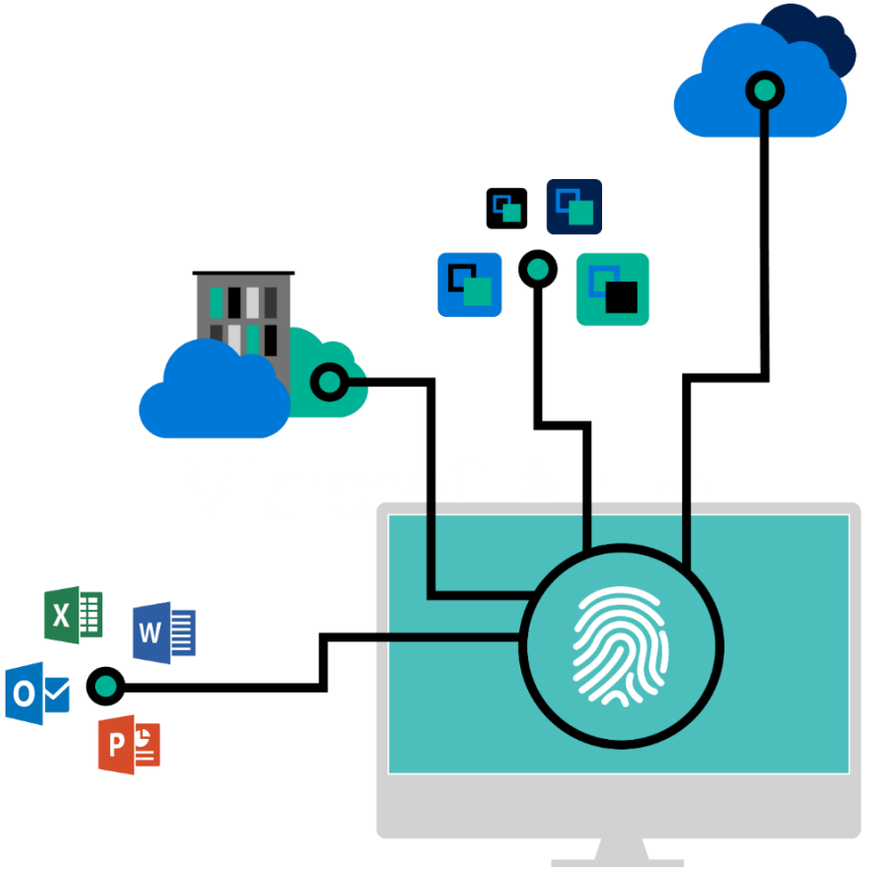
On-premises	Managed devices	Active Directory
		Windows Server

Integrated Identity as the control plane



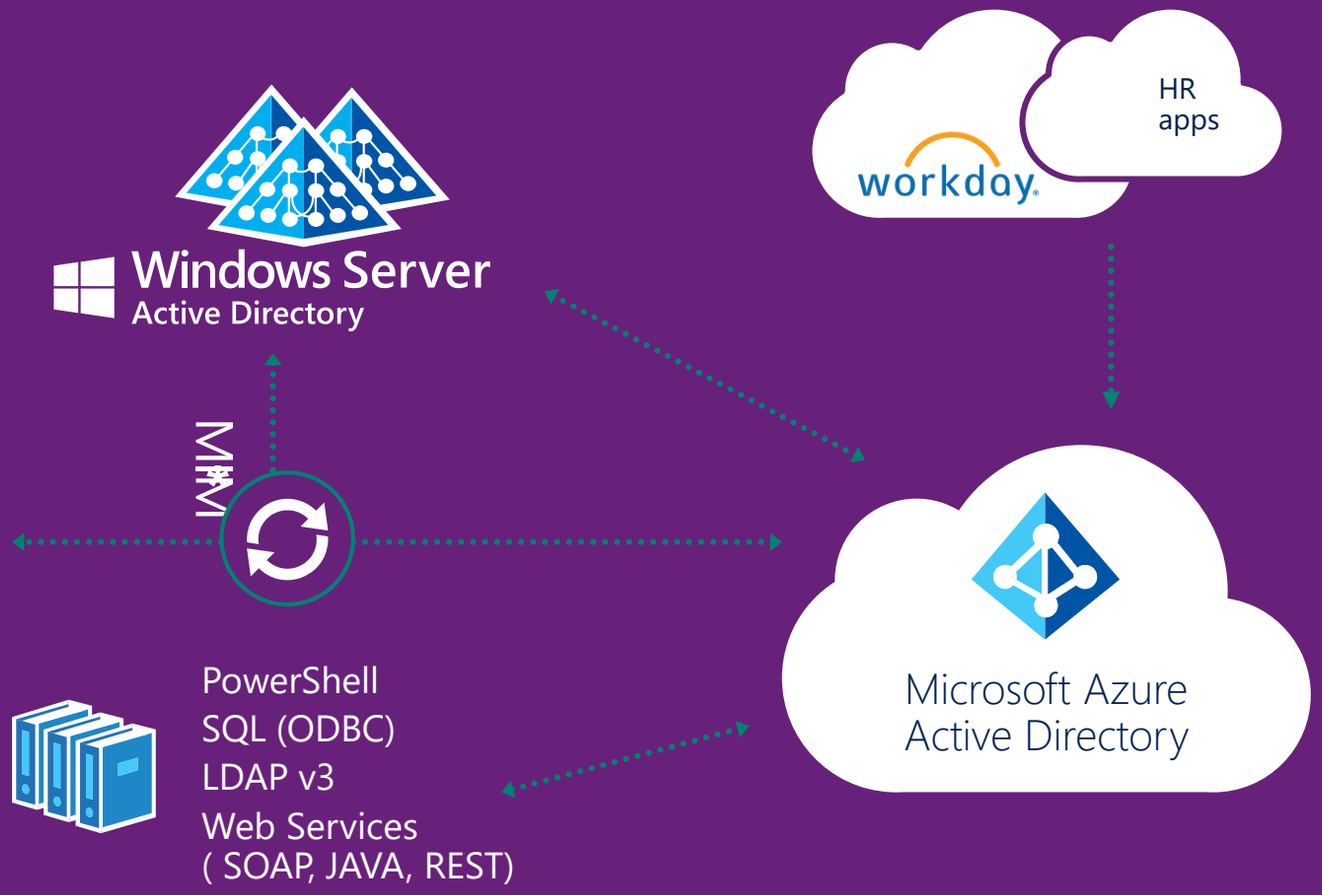
Azure Active Directory scenarios

- 1000s of apps, 1 identity
- Making the lives of users (and IT) easier
- Managing identities
- Collaborating with partners
- Enabling anytime/anywhere productivity
- Identity-driven security
- Connecting with consumers
- Your Domain Controller as a Service



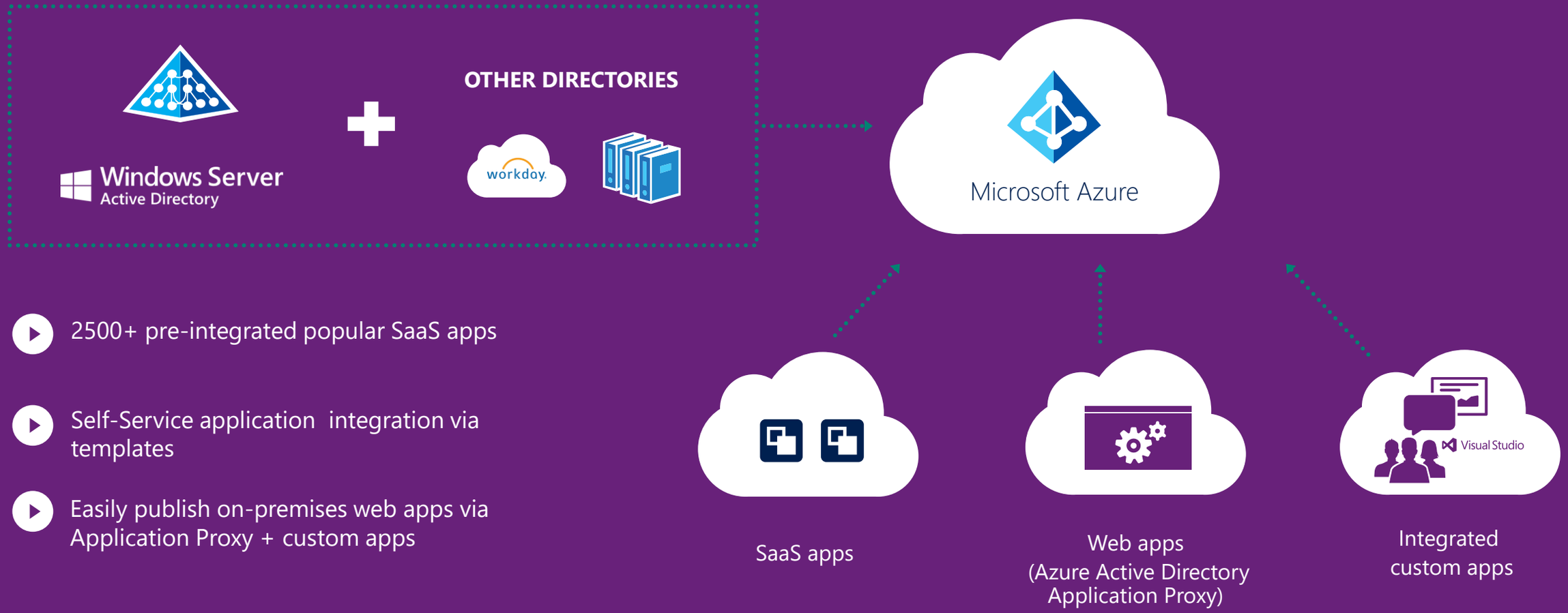
1000s of apps, 1 identity

Connect and sync on-premises directories with Azure



* Azure Active Directory Connect and Connect Health

1000s of apps, 1 identity



- 2500+ pre-integrated popular SaaS apps
- Self-Service application integration via templates
- Easily publish on-premises web apps via Application Proxy + custom apps

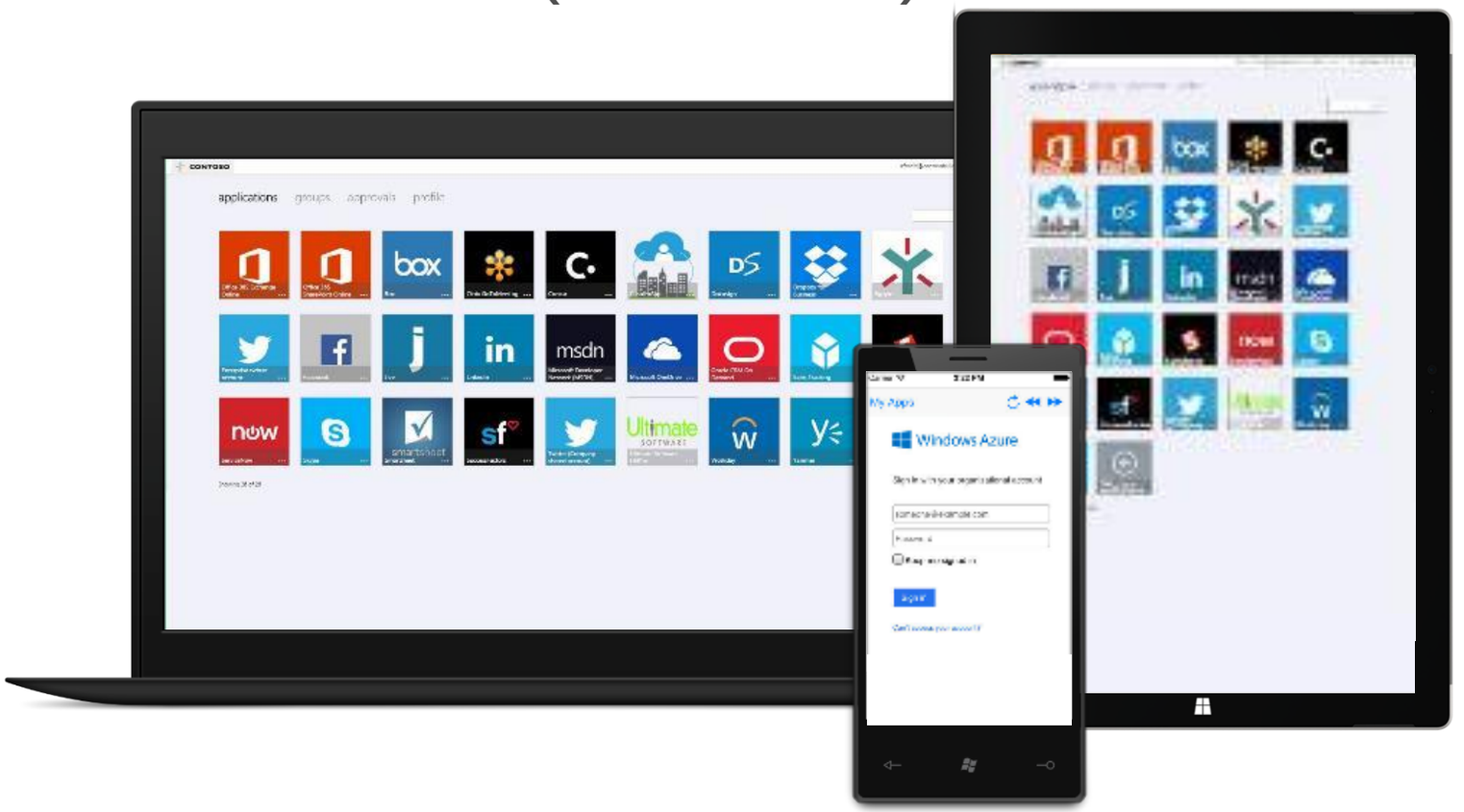
SaaS apps

Web apps
(Azure Active Directory Application Proxy)

Integrated custom apps

Making the lives of users (and IT) easier

- Company branded, personalized application Access Panel:
  http://myapps.microsoft.com
  + Mobile Apps
- Manage your account , apps and groups
- Self-service password reset
- Application access requests



Sainsbury's

160k employees

Cut help desk costs by eliminating top volume driver ->"Forgot my password"

Result: 400 – 500 help desk calls per week eliminated

Sobering Statistics

200

The median number of days that attackers reside within a victim's network before detection

75%+

of all network intrusions are due to compromised user credentials

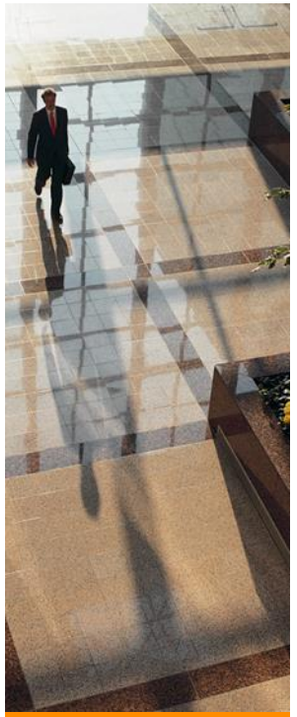
$500B

The total potential cost of cybercrime to the global economy

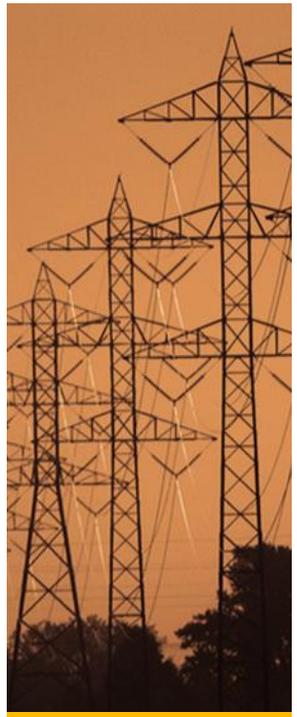
$3.5M

The average cost of a data breach to a company

Cybersecurity attacks are getting more frequent and sophisticated.

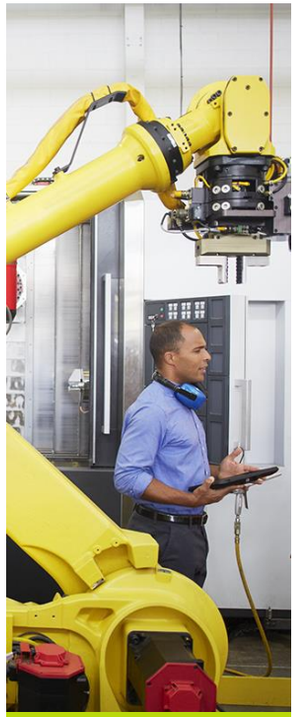


Government & Public Sector



Energy & Telco

Transit, Planning, & Infrastructure

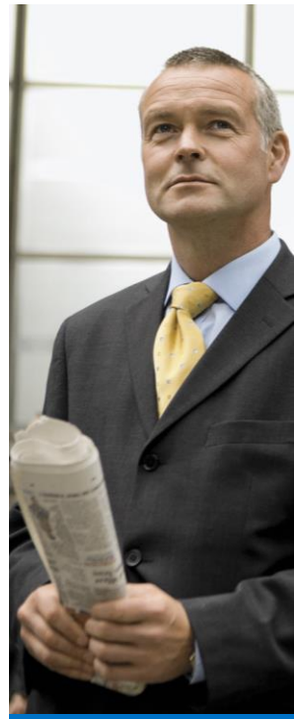


Manufacturing

Education

Health & Social Services

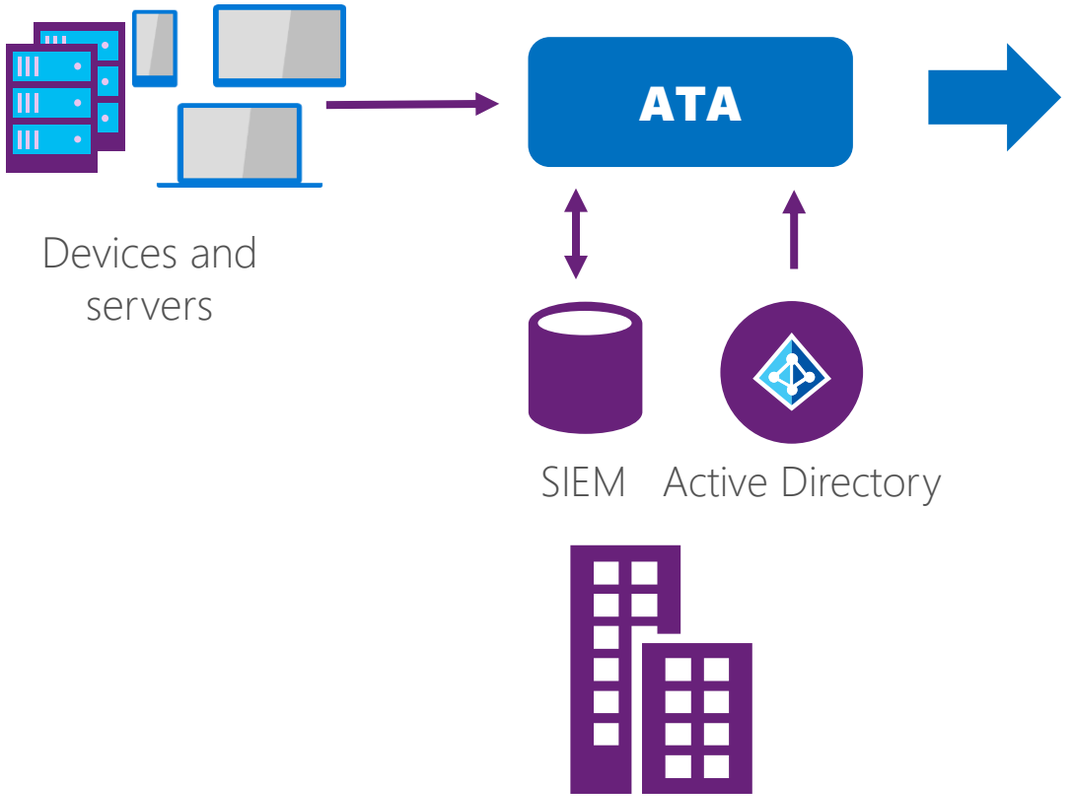
Retail



Banking & Financial Services

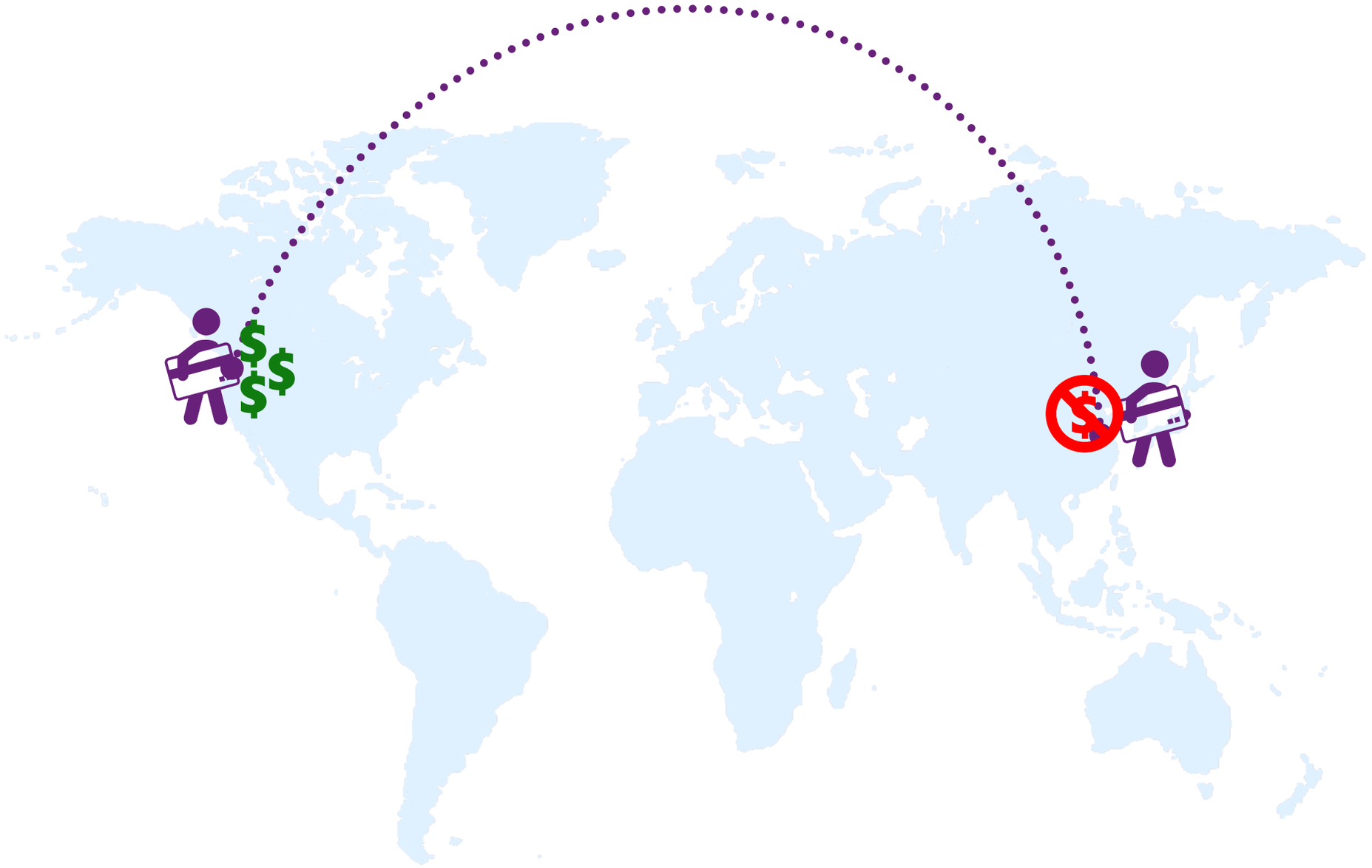
Every customer, regardless of industry vertical, is either under attack or already breached.

Microsoft Advanced Threat Analytics



Behavioral Analytics	Forensics for known attacks and issues	Advanced Threat Analytics
Profile normal entity behavior (normal vs. abnormal)	Search for known security attacks & issues	Detect suspicious user activities, known attacks and issues

Behavior Analytics In Practice



Credit card companies monitor cardholders' behavior.

By observing purchases, they learn what is typical behavior for each buyer.

If there is any abnormal activity, they will notify the cardholder to verify charge.

Microsoft Advanced Threat Analytics

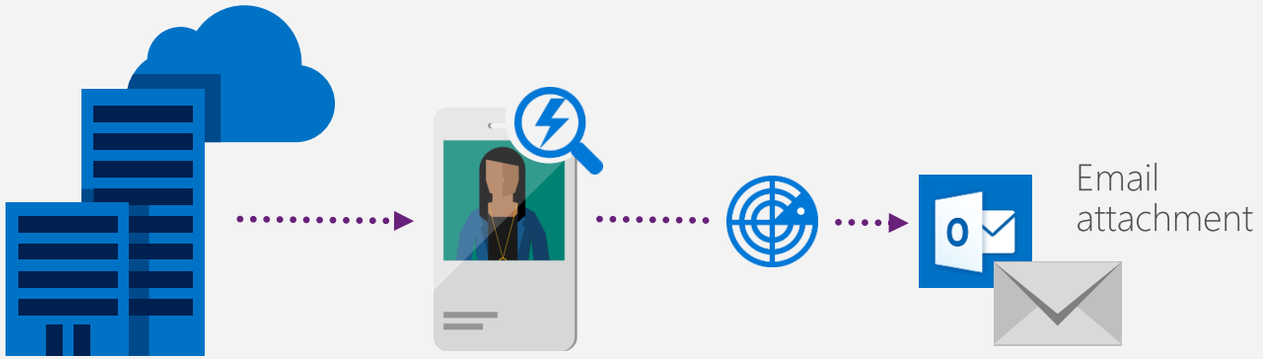
An on-premises platform to identify advanced security attacks ***before*** they cause damage

Behavioral Analytics

Detection for known attacks and issues

Advanced Threat Detection

Microsoft Advanced Threat Analytics brings the behavioral analytics concept to IT and the organization's users.



Advanced Threat Analytics Benefits

Detect threats fast with Behavioral Analytics

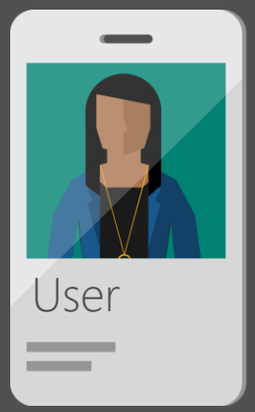
Adapt as fast as your enemies

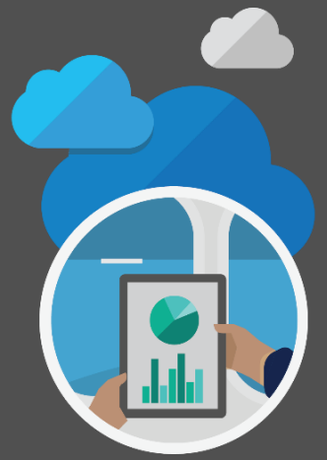
Focus on what is important fast using the simple attack timeline

Reduce the fatigue of false positives

Prioritize and plan for next steps

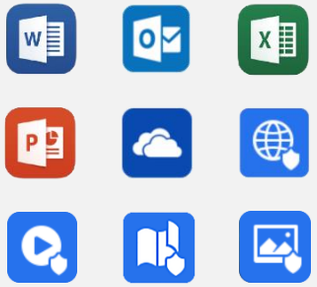
Enterprise mobility management with Intune





Mobile device management

Mobile application management



PC management

Microsoft Intune

Intune helps organizations provide their employees with access to corporate applications, data, and resources from virtually anywhere on almost any device, while helping to keep corporate information secure.

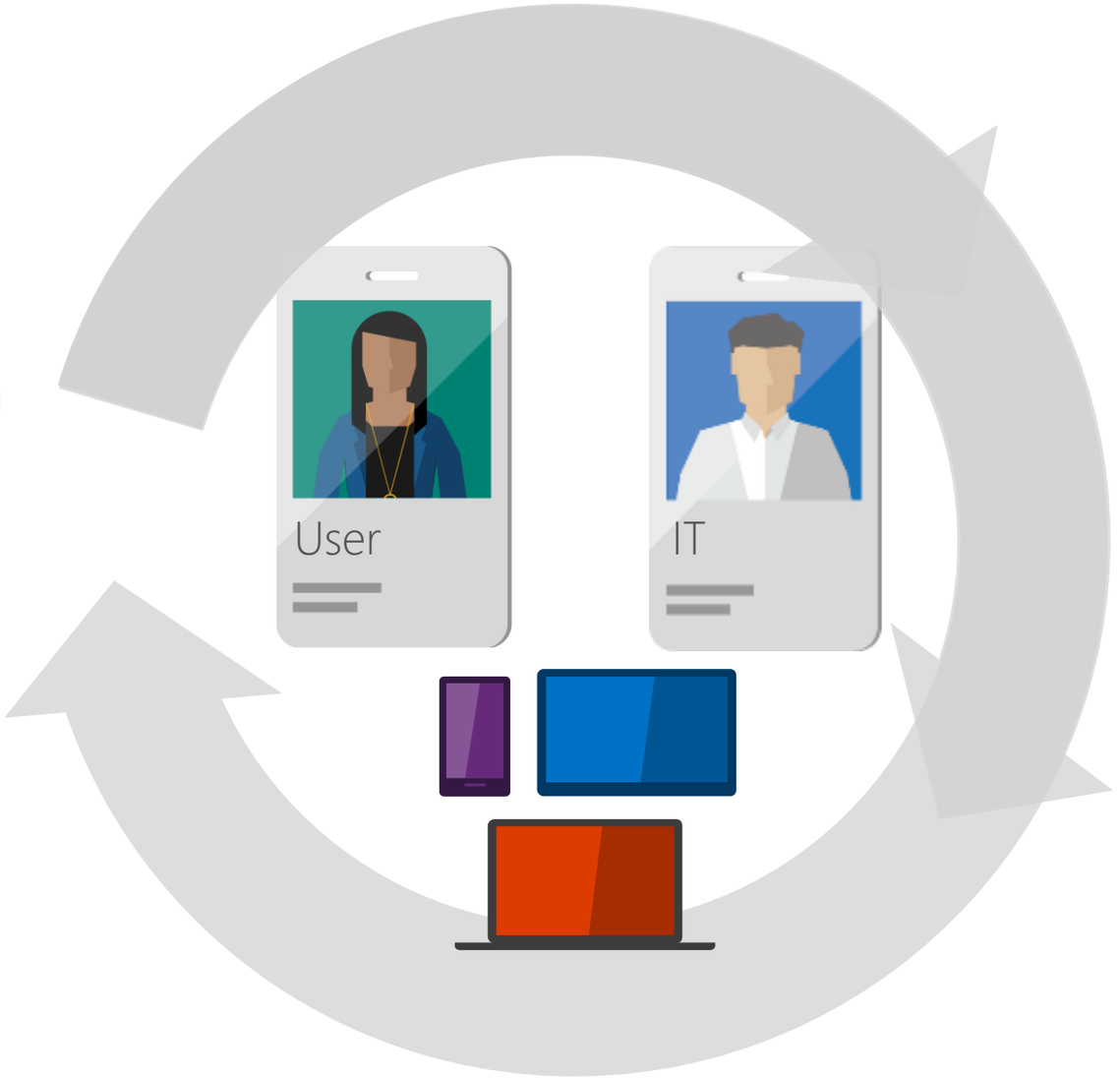
Comprehensive lifecycle management

Enroll

- Provide a self-service Company Portal for users to enroll devices
- Deliver custom terms and conditions at enrollment
- Bulk enroll devices using Apple Configurator or service account
- Restrict access to Exchange email if a device is not enrolled

Provision

- Deploy certificates, email, VPN, and WiFi profiles
- Deploy device security policy settings
- Install mandatory apps
- Deploy app restriction policies
- Deploy data protection policies



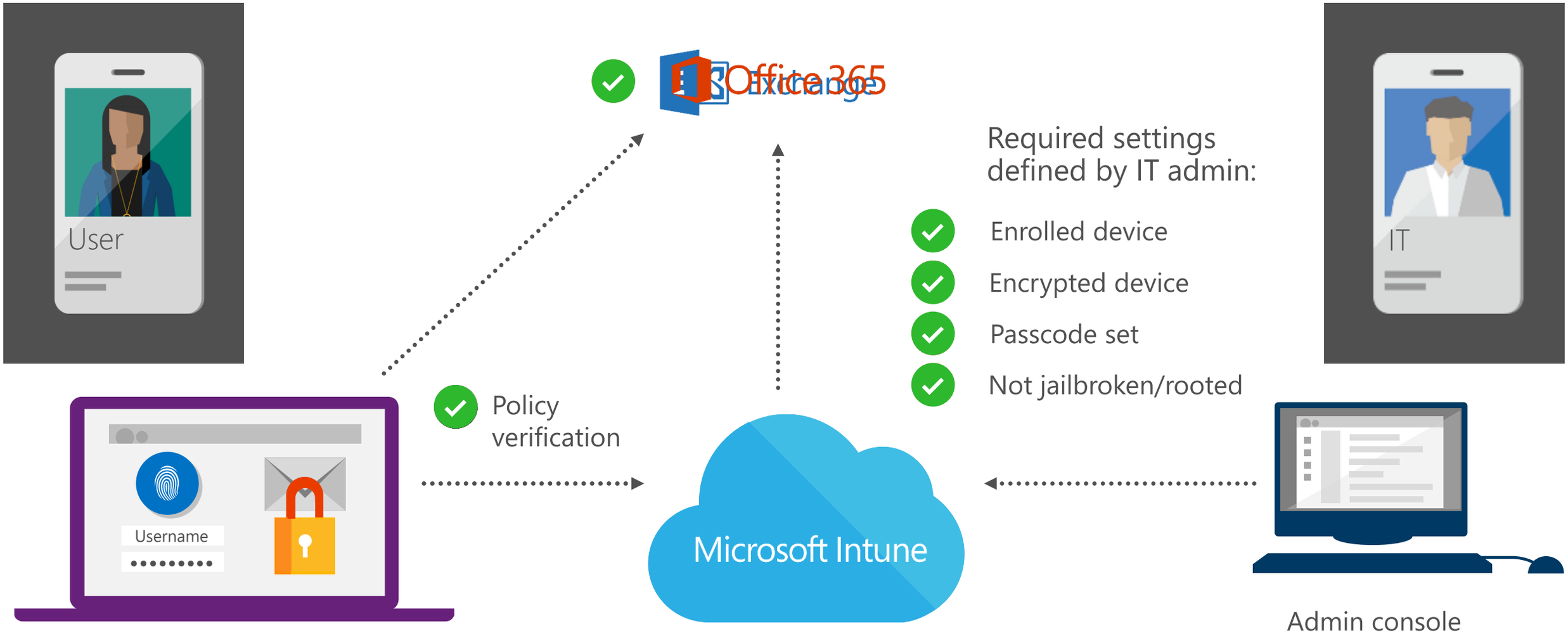
Retire

- Revoke access to corporate resources
- Perform selective wipe
- Audit lost and stolen devices

Manage and Protect

- Restrict access to corporate resources if policies are violated (e.g., jailbroken device)
- Protect corporate data by restricting actions such as copy/cut/paste/save outside of managed app ecosystem
- Report on device and app compliance

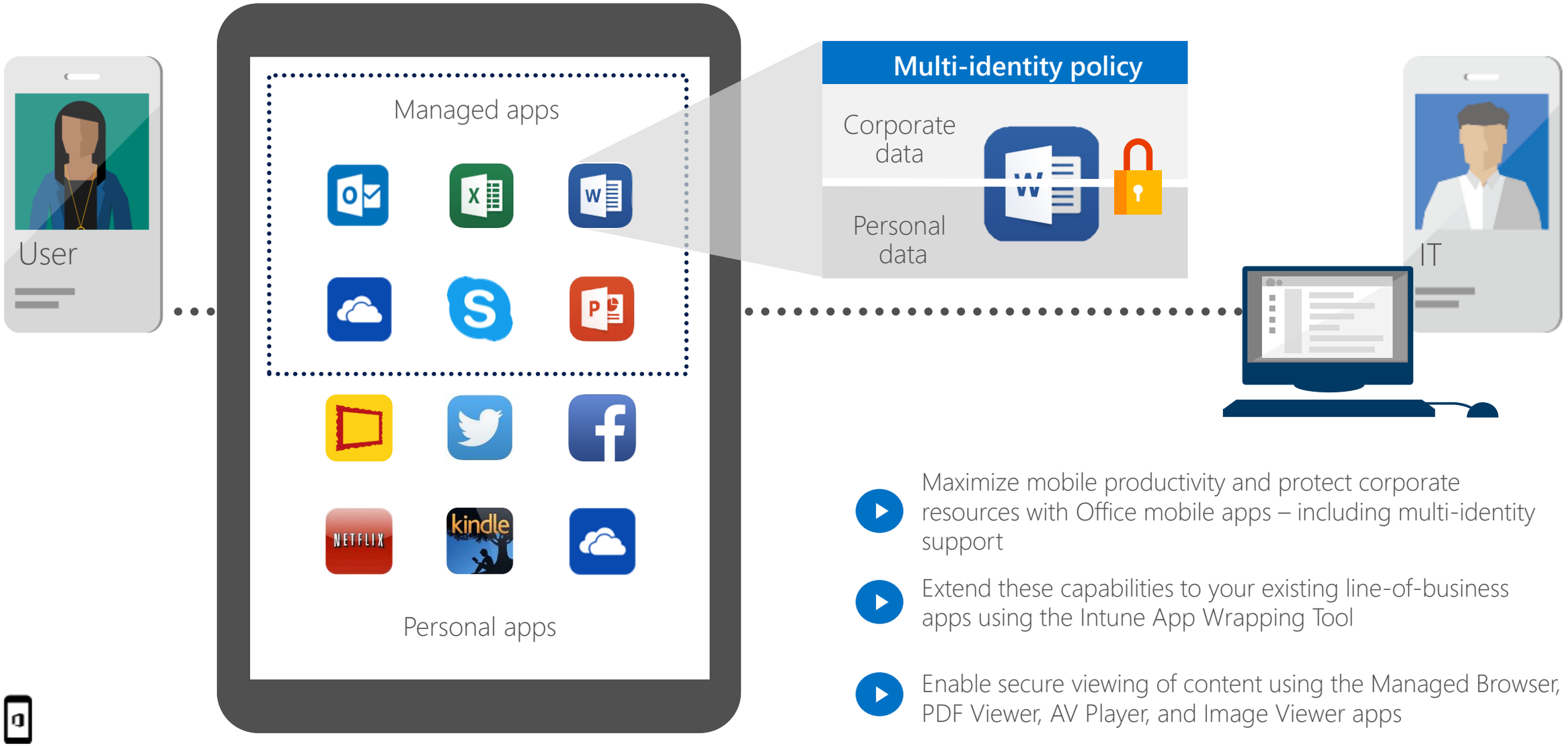
Conditional access to email



Company portal self-service experience

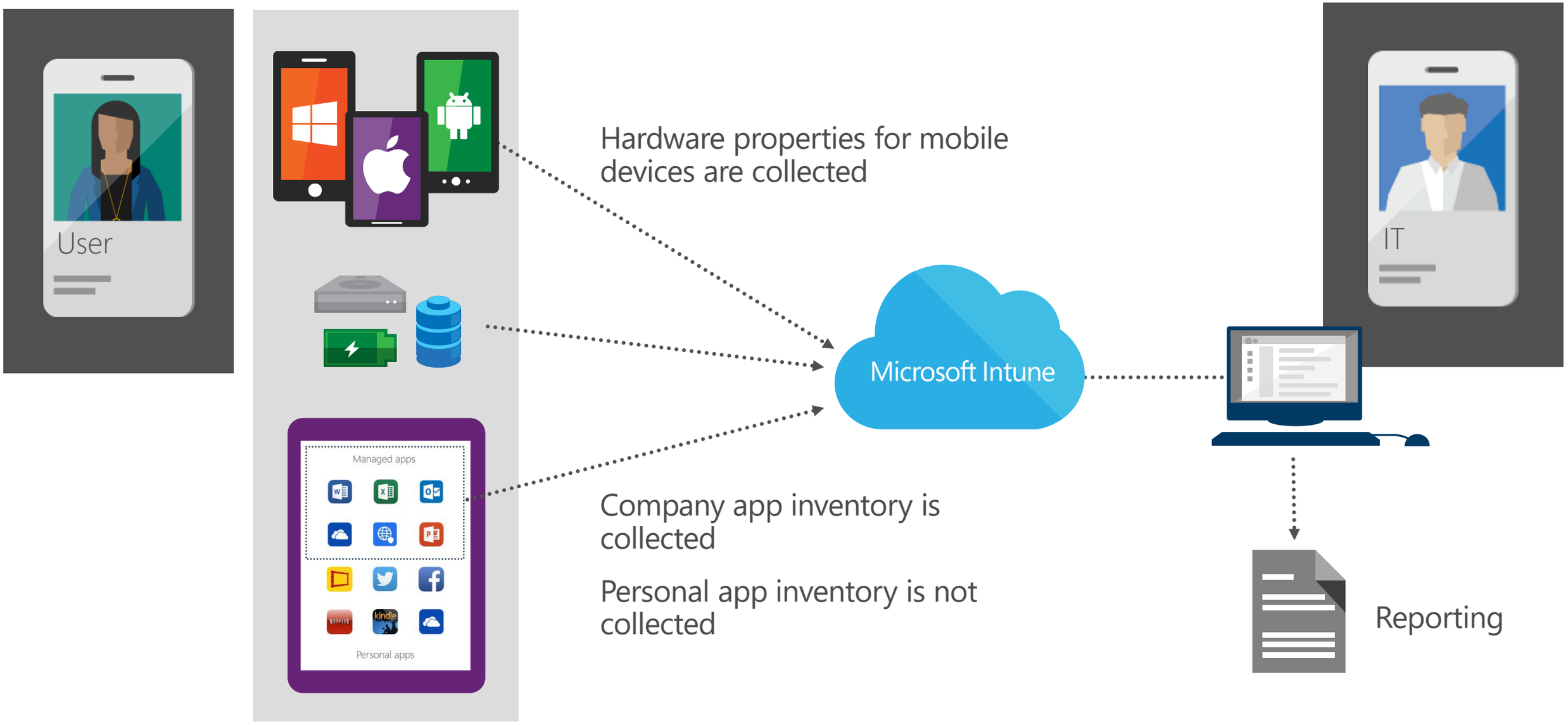
- Consistent experience across:
  - Windows
  - Windows Phone
  - Android
  - iOS
- Discover and install corporate apps
- Manage devices and data
- Customizable terms and conditions
- Ability to contact IT

Mobile application management

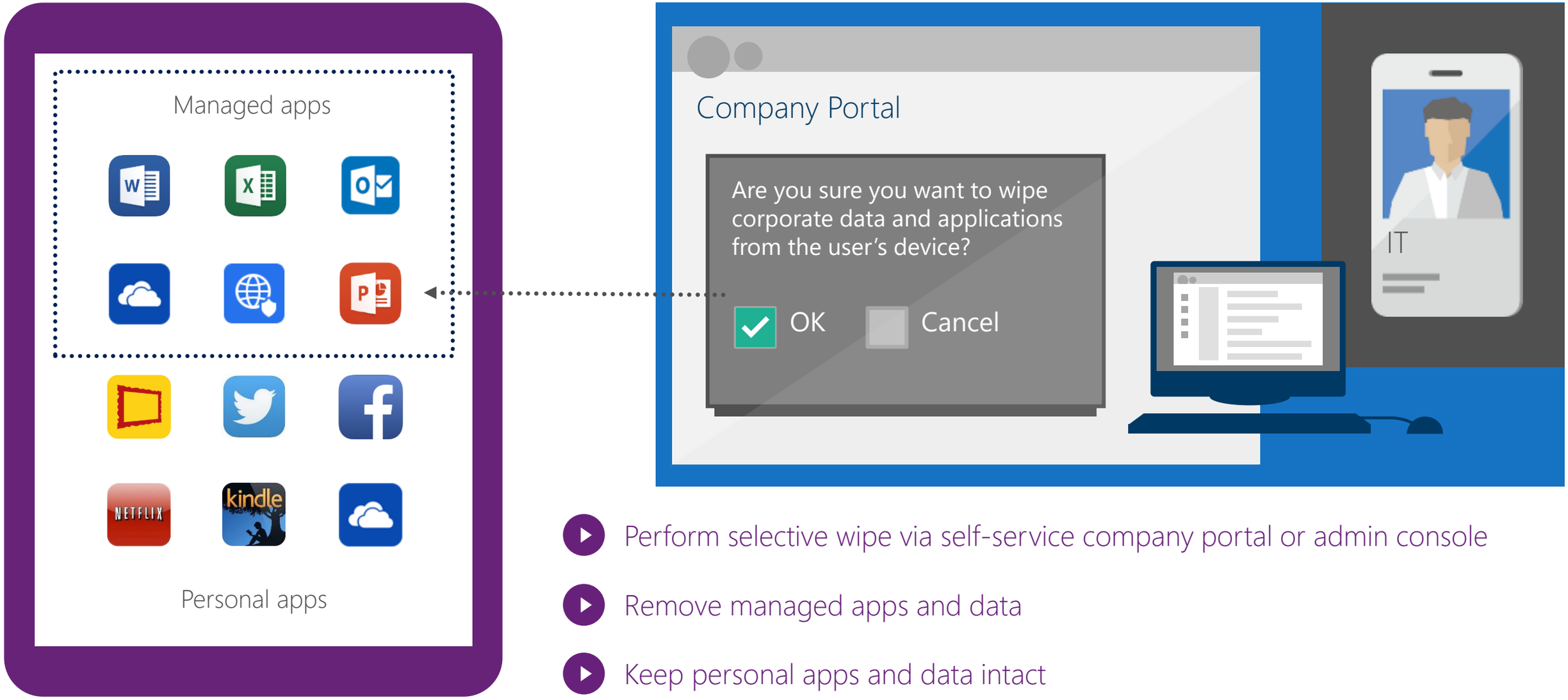


- Maximize mobile productivity and protect corporate resources with Office mobile apps – including multi-identity support
- Extend these capabilities to your existing line-of-business apps using the Intune App Wrapping Tool
- Enable secure viewing of content using the Managed Browser, PDF Viewer, AV Player, and Image Viewer apps

Mobile device inventory



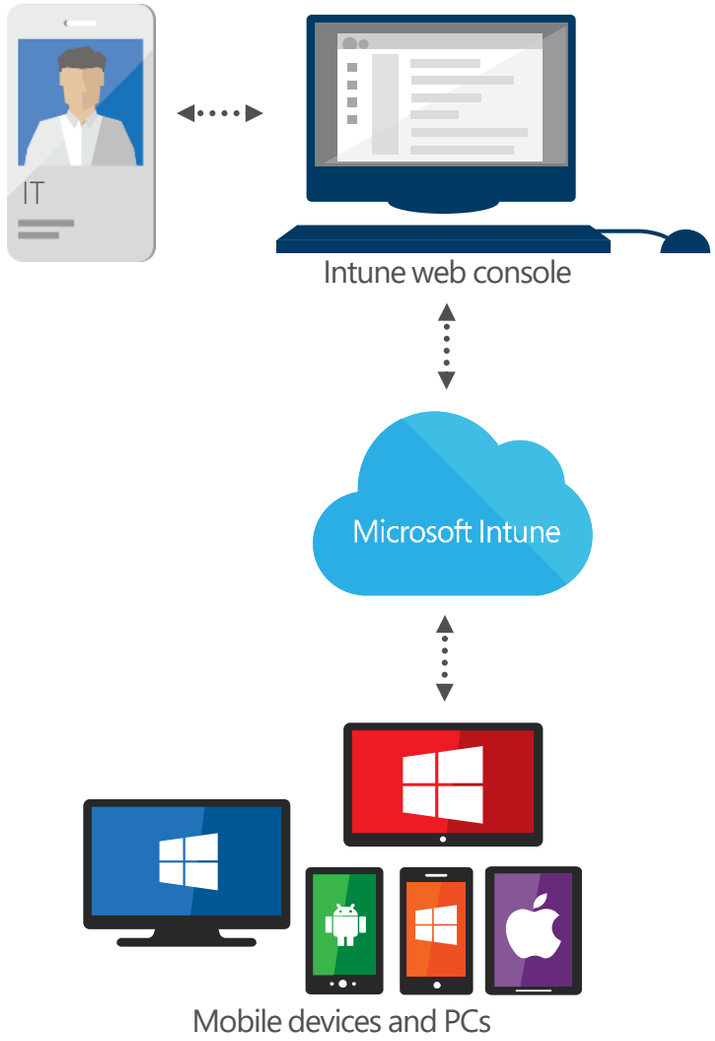
Selective wipe



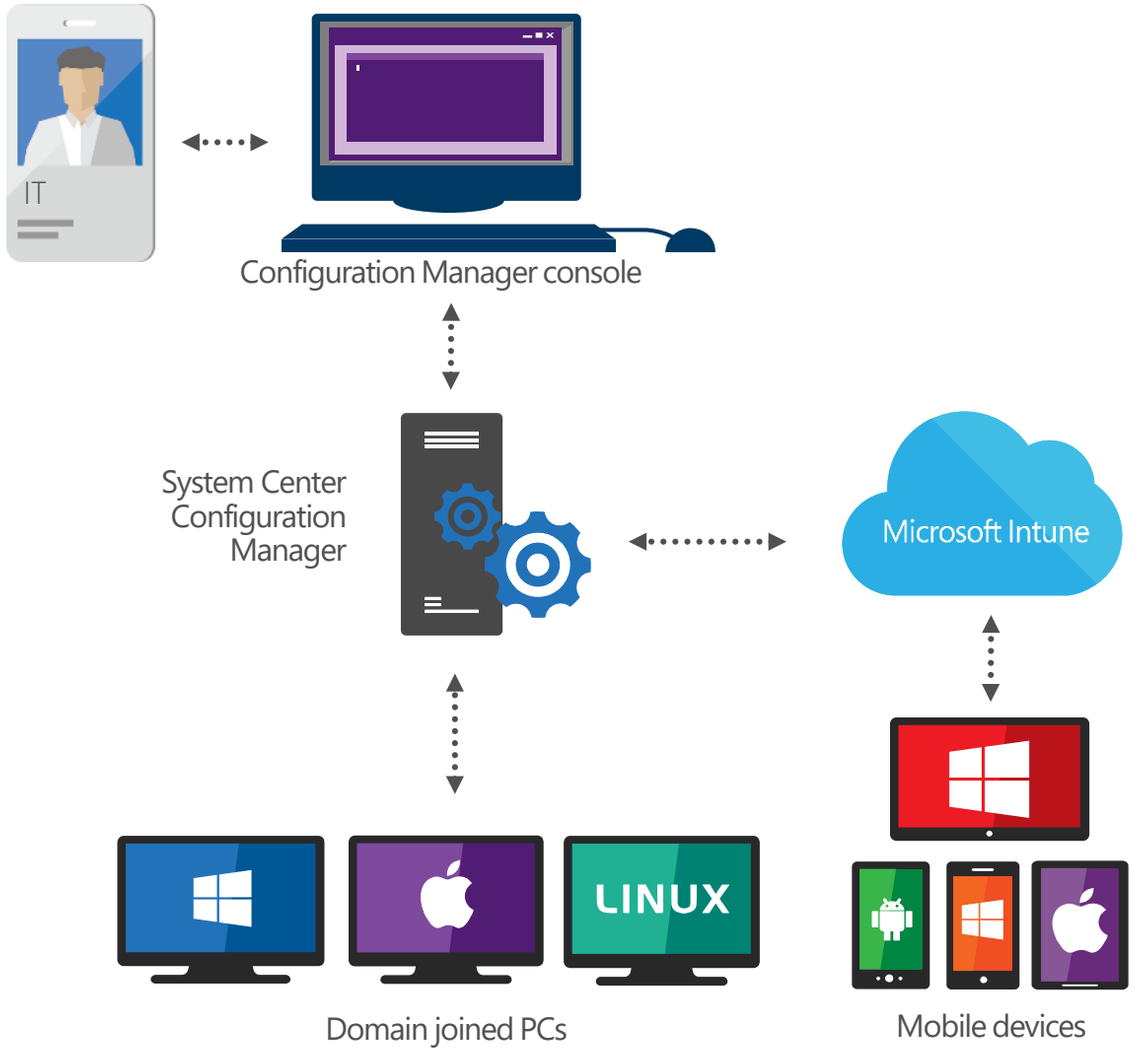
- Perform selective wipe via self-service company portal or admin console
- Remove managed apps and data
- Keep personal apps and data intact

Deployment flexibility

Intune standalone (cloud only)



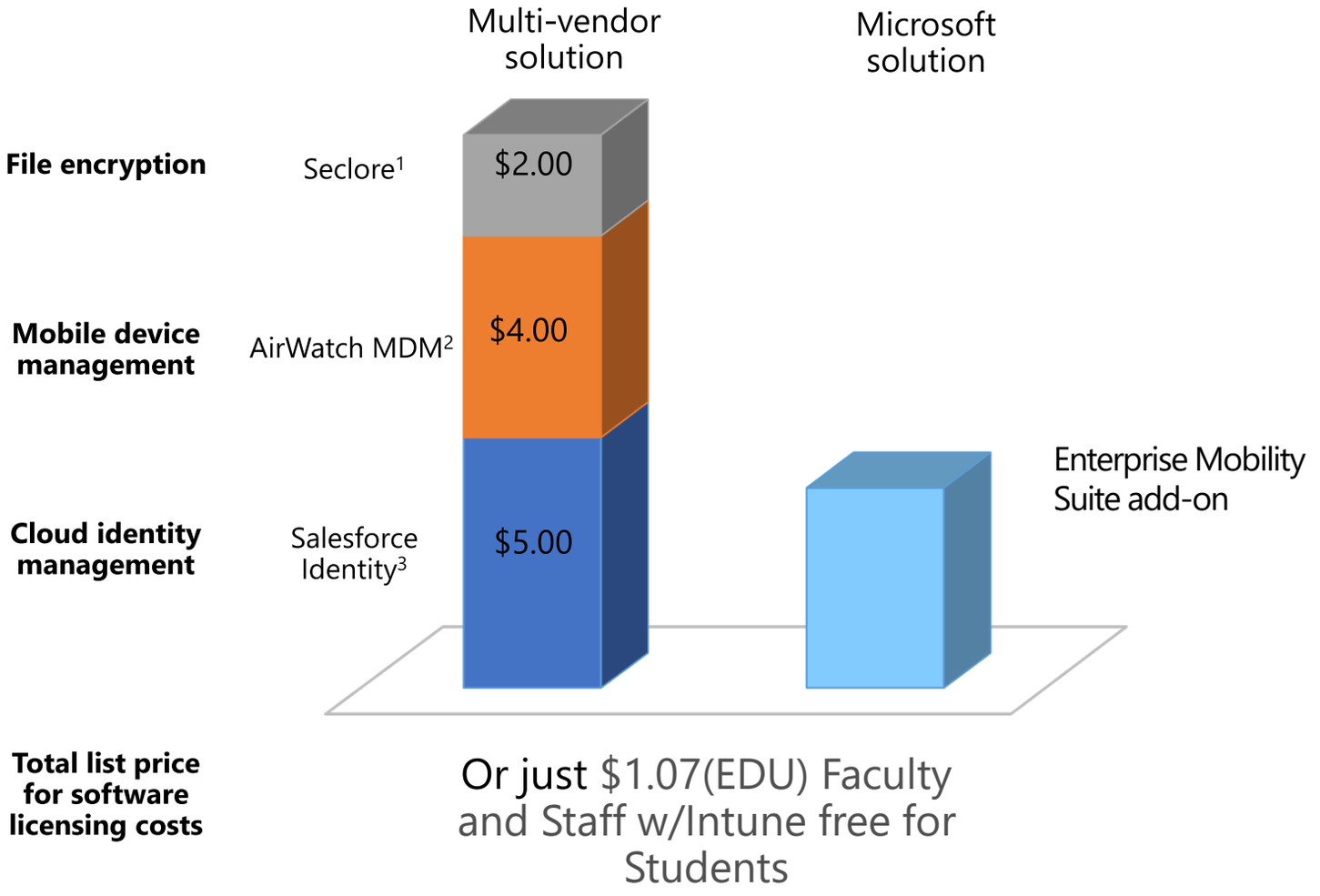
Configuration Manager integrated with Intune (hybrid)



FastTrack Deployment Offer

- FastTrack site http://fasttrack.office.com/ems
- Offer
  - $15.00 Per Seat of EMS for the first 1000 seats
  - $5.00 Per Seat there after for a Max benefit of $60,000.
- 1 year to use consulting dollars from the date of purchase
- SOW must be agreed on with Partner and uploaded in the FastTrack tool. Strongly suggest completing SOW before 6.28
- Qualified workloads
- Minimum Purchase 150 Seats

Why the Suite? - Cost Effective & Feature Rich



People-centric IT with one license suite and one vendor

60-percent discount over list pricing with limited time promotion

Add-on SKU requires Core CAL, ECAL, or Bridge CAL

Now with the addition of Advanced Threat Analytics Effective 10/1/2015

David Pearlman
US Education
Please contact me with any questions related to this presentation at david.pearlman@microsoft.com
For licensing questions, please contact your Microsoft Account Manager

Microsoft

Windows Azure