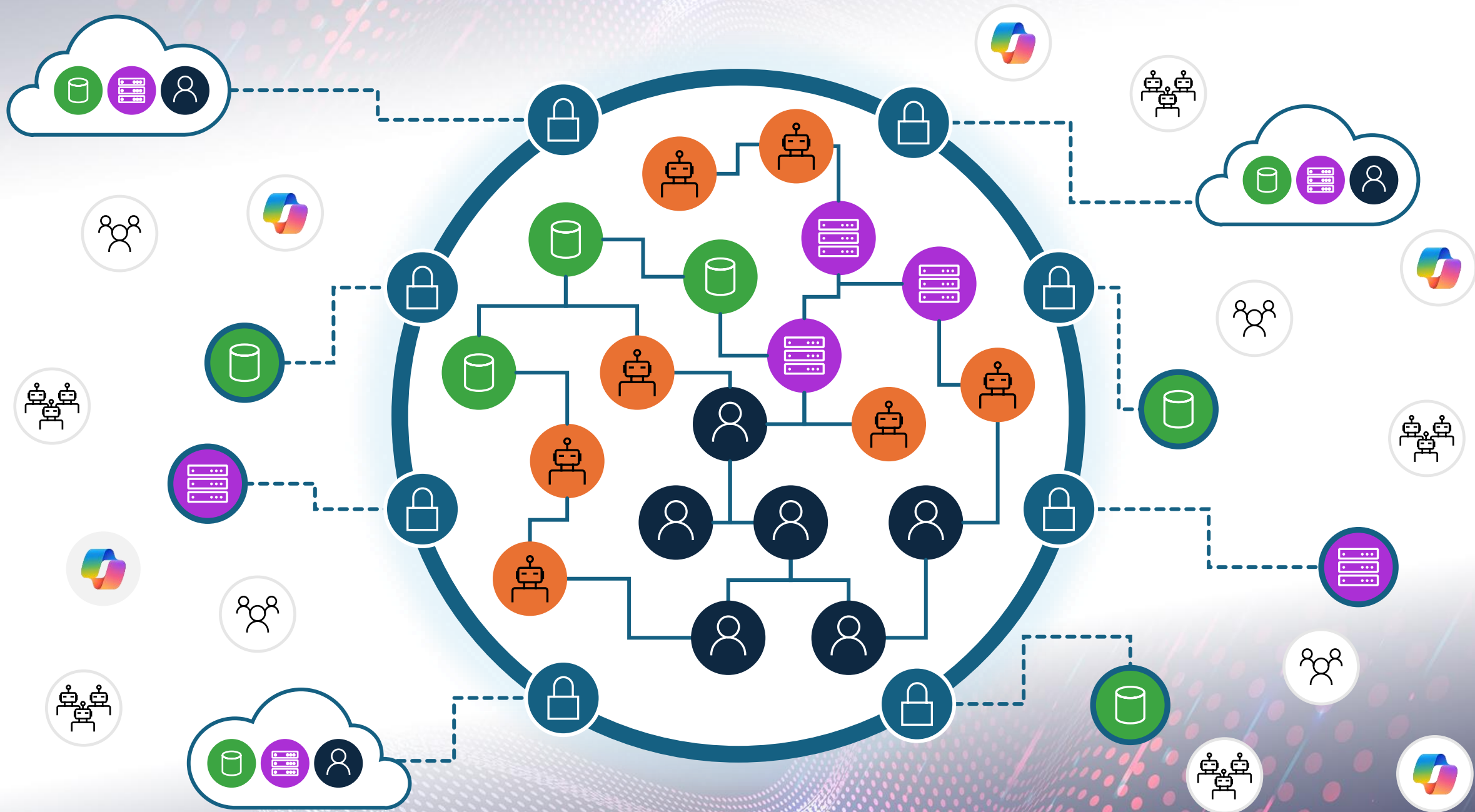# NEWS von Microsoft -
Was bringt die Microsoft Entra Suite?

Markus Wilhelm-Köstner Global Blackbelt Advanced Identity (Microsoft EMEA)

Microsoft Entra

Secure access
for any identity,
from anywhere,
to any app, AI,
or resource

Identity security is paramount

$8 Trillion
Global cybercrime costs predicted in 2024

>300 Billion
Passwords being used by humans and machines

4,000
Password attacks detected by Microsoft per second

Trust Fabric solution areas

| Establish Zero Trust access controls | Secure access for your employees | Secure access for customers/partners | Secure access in any cloud |

Identity and network access solution areas

Establish Zero Trust access controls	Secure access for your employees	Secure access for customers/partners	Secure access in any cloud
> Identity and Access Management (IAM)	> Advanced Identity Protection	> Customer/External IAM	> Cloud Infrastructure Entitlements Management
	> Verifiable Credentials		> Workload IAM
	> Identity Governance and Administration		
	> Zero Trust Network Access		
	> Secure Web Gateway		

> Accelerate with Generative AI capabilities and skills

Microsoft Entra product family

Establish Zero Trust access controls	Secure access for your employees	Secure access for customers/partners	Secure access in any cloud
Microsoft Entra ID P1	**Microsoft Entra Private Access**	**Microsoft Entra External ID**	**Microsoft Entra Permissions Management**
	Microsoft Entra Internet Access		**Microsoft Entra Workload ID**
	Microsoft Entra ID Governance		
	Microsoft Entra ID ID Protection		
	Microsoft Entra Verified ID Premium		

Microsoft Copilot for Security

Introducing the Microsoft Entra Suite

Establish Zero Trust access controls	Secure access for your employees	Secure access for customers/partners	Secure access in any cloud
Microsoft Entra ID P1	Microsoft Entra Private Access	Microsoft Entra External ID	Microsoft Entra Permissions Management
	Microsoft Entra Internet Access		Microsoft Entra Workload ID
	Microsoft Entra ID Governance		
	Microsoft Entra ID ID Protection		
	Microsoft Entra Verified ID Premium		

Microsoft Copilot for Security

Any employee
Cloud-based and on-premises identities, groups and roles

Any location
HQ, branch office, home, remote

Any platform
Android, iOS, Linux, MacOS, Windows

Any device
Corporate and personal

Secure access
for any identity, from anywhere, to any app, AI, or resource

Any data, apps or resources
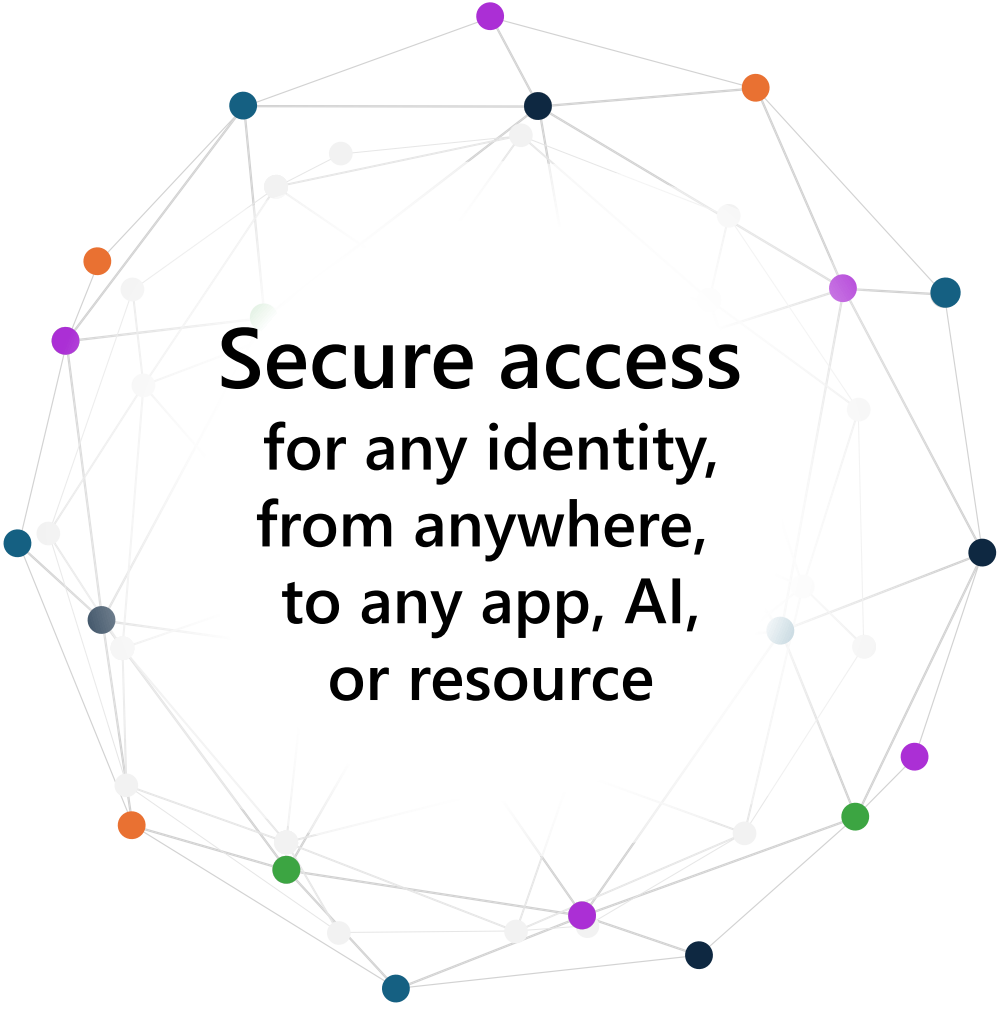
IaaS, PaaS, Datacenter

Microsoft 365

SaaS, websites

On-premises

Secure access
for any identity,
from anywhere,
to any app, AI,
or resource

Unify conditional access
For all resources across identity, endpoint, and network

Ensure least privilege access
To any app or resource, including AI

Improve the user experience
For remote, from home and in-office work

Reduce on-premises footprint
Retire and minimize dependencies on legacy solutions
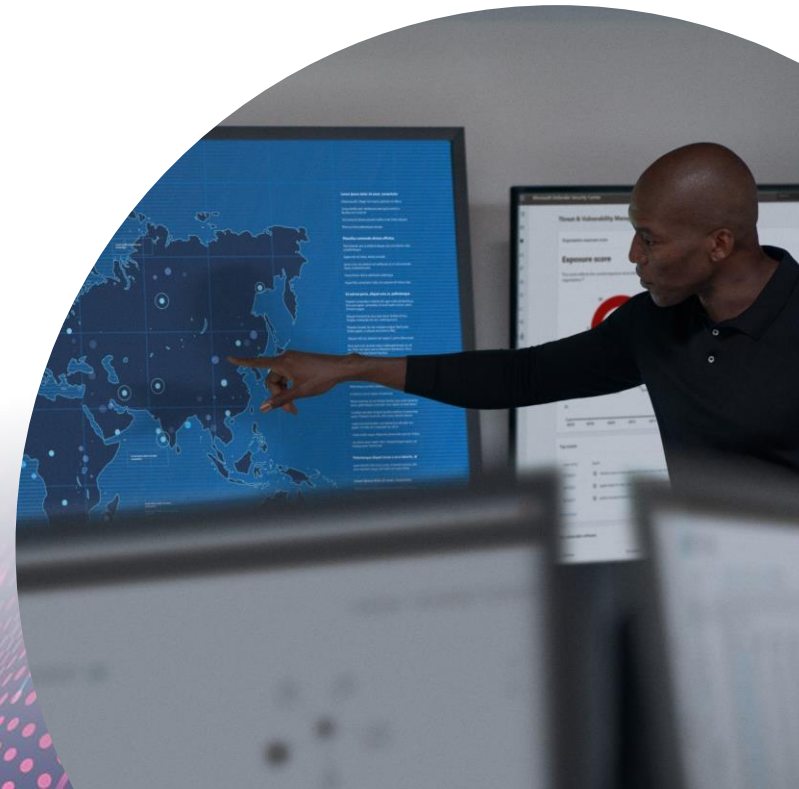
Microsoft Entra Suite
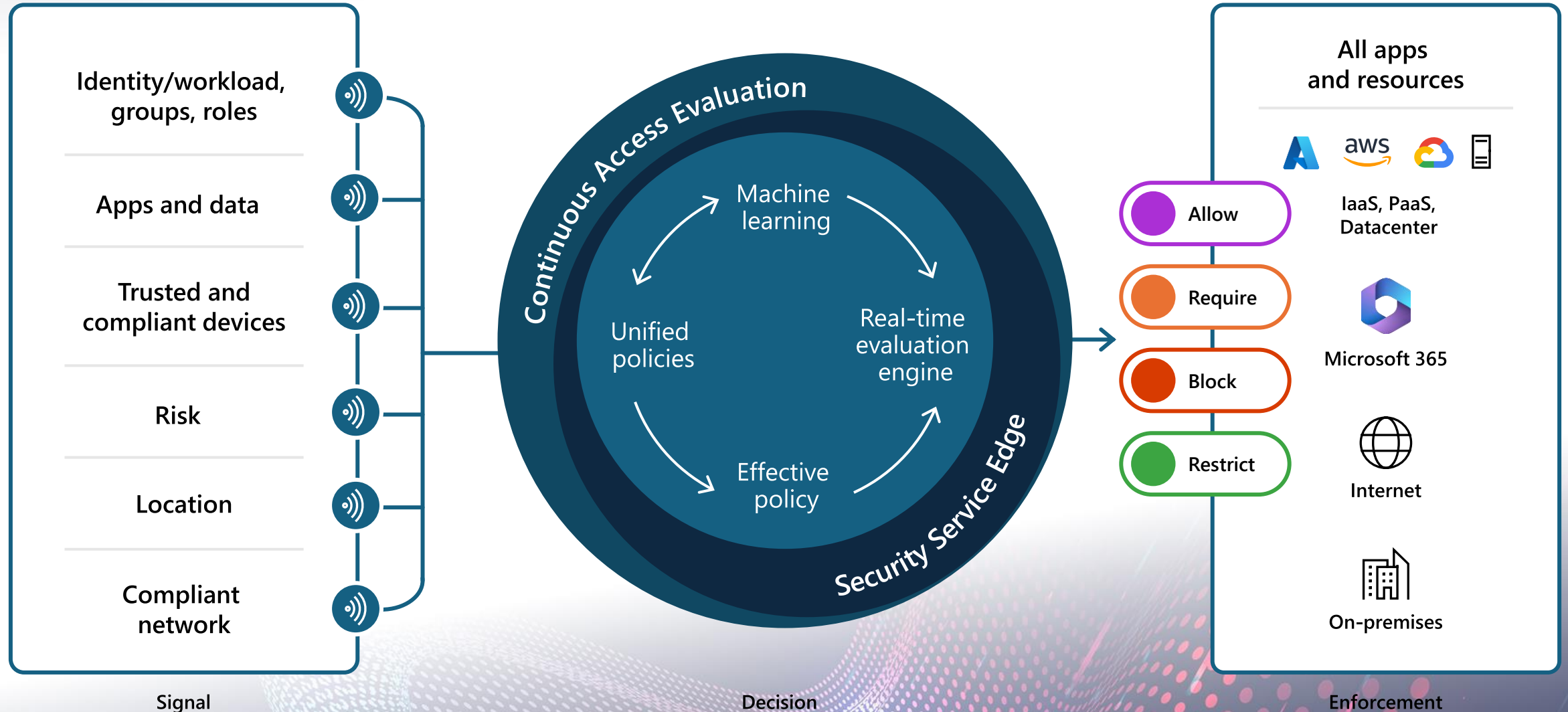
Ensure least privilege access
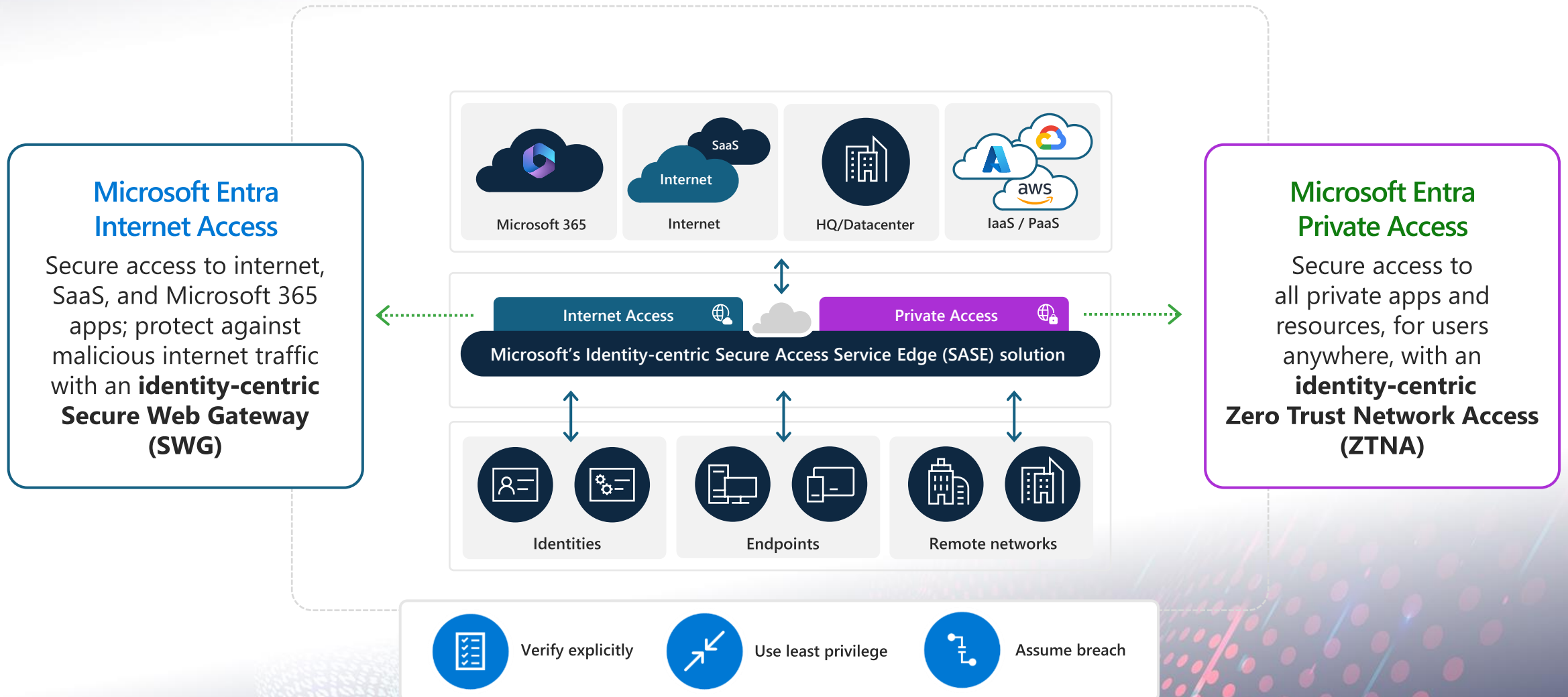
Improve the user experience

Reduce on-premises footprint

Converge Zero Trust access policy for identity and network

Identities

Network

Endpoints

Continuous risk assessment and automation

Zero Trust
access policy

Microsoft Entra
Conditional Access

Threat intelligence and telemetry

Applications

Data

Infrastructure

Enhance access controls with new conditions and controls

Signal

Decision

Enforcement

Protect all resources with Microsoft's SASE solution

Microsoft Entra Internet Access

Secure access to internet, SaaS, and Microsoft 365 apps; protect against malicious internet traffic with an **identity-centric Secure Web Gateway (SWG)**

Microsoft 365

Internet / SaaS

HQ/Datacenter

IaaS / PaaS

Internet Access

Private Access

Microsoft's Identity-centric Secure Access Service Edge (SASE) solution

Identities

Endpoints

Remote networks

Microsoft Entra Private Access

Secure access to all private apps and resources, for users anywhere, with an **identity-centric Zero Trust Network Access (ZTNA)**

Verify explicitly

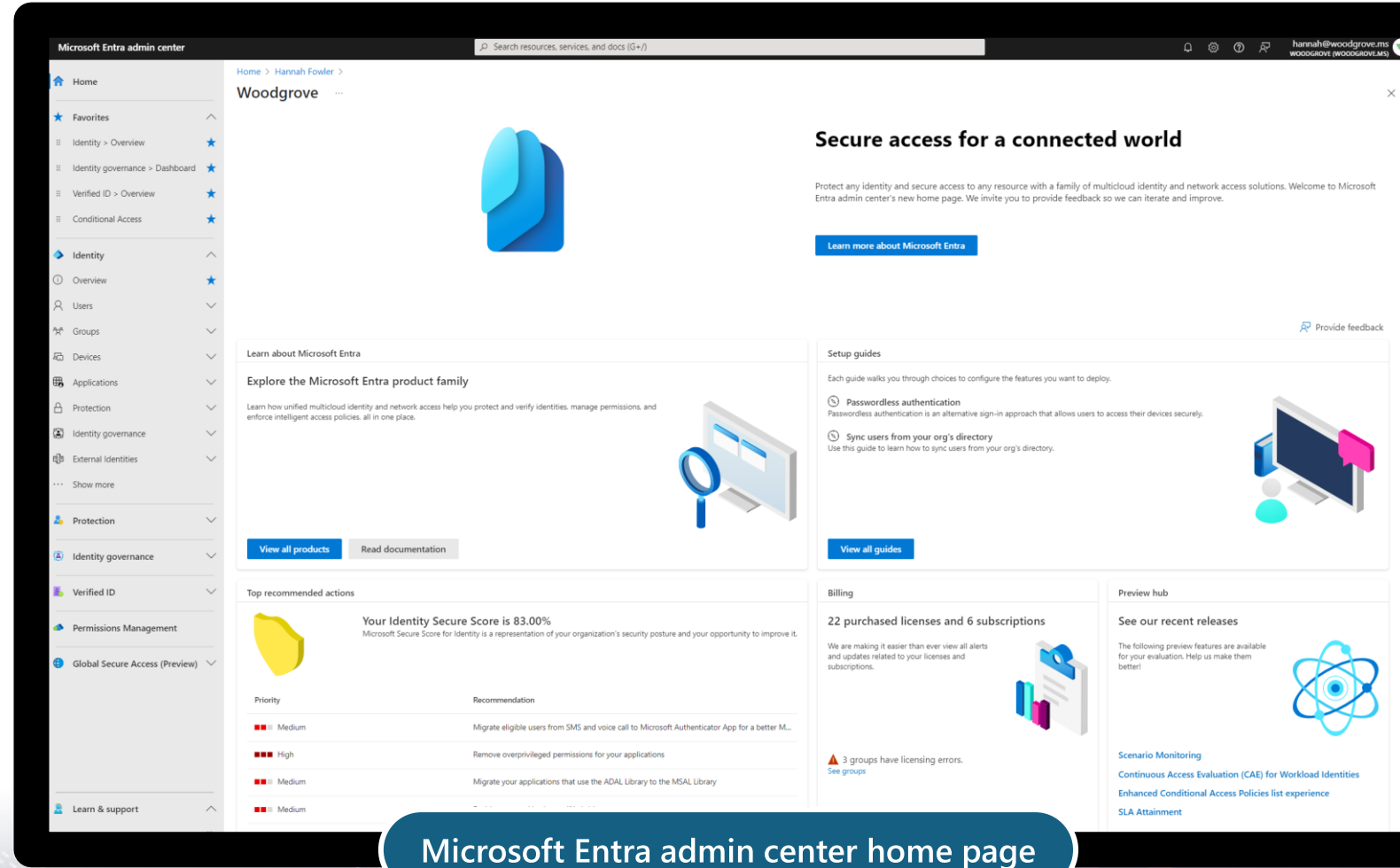Use least privilege

Assume breach

Apply real-time protection based on risk

> **High assurance auth methods**
> Use token protection, step-up auth, and GPS location-based access to authenticate

> **Real-time prevention**
> Block identity attacks in real-time

> **Advanced detections**
> Detect attacks like token replay using machine learning (ML)

> **Risk-based access policies**
> Safeguard resources with continuous access evaluation
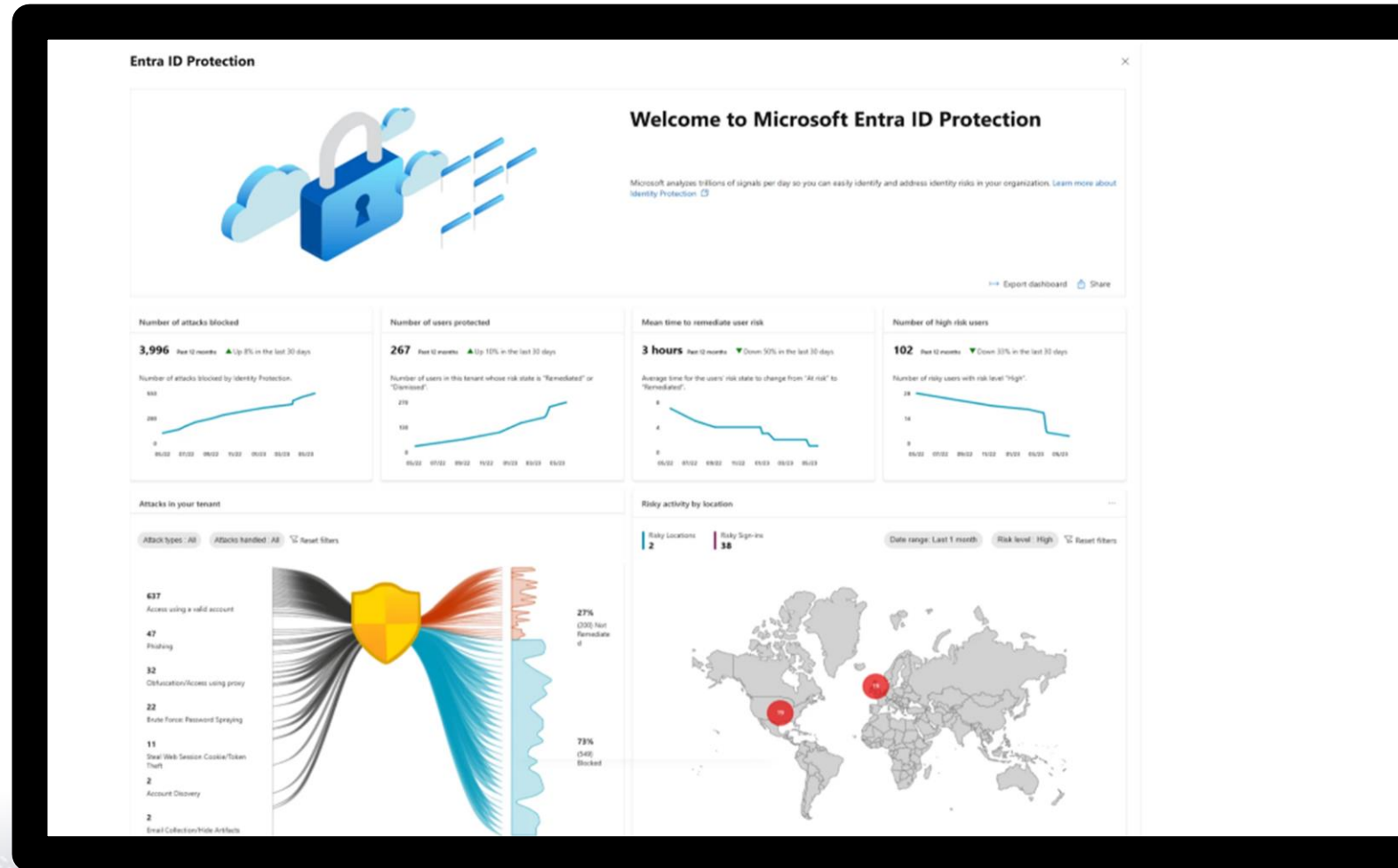
Simplify with one portal to manage identity and SASE

Microsoft Entra admin center home page

Microsoft Entra Suite

Improve the user experience
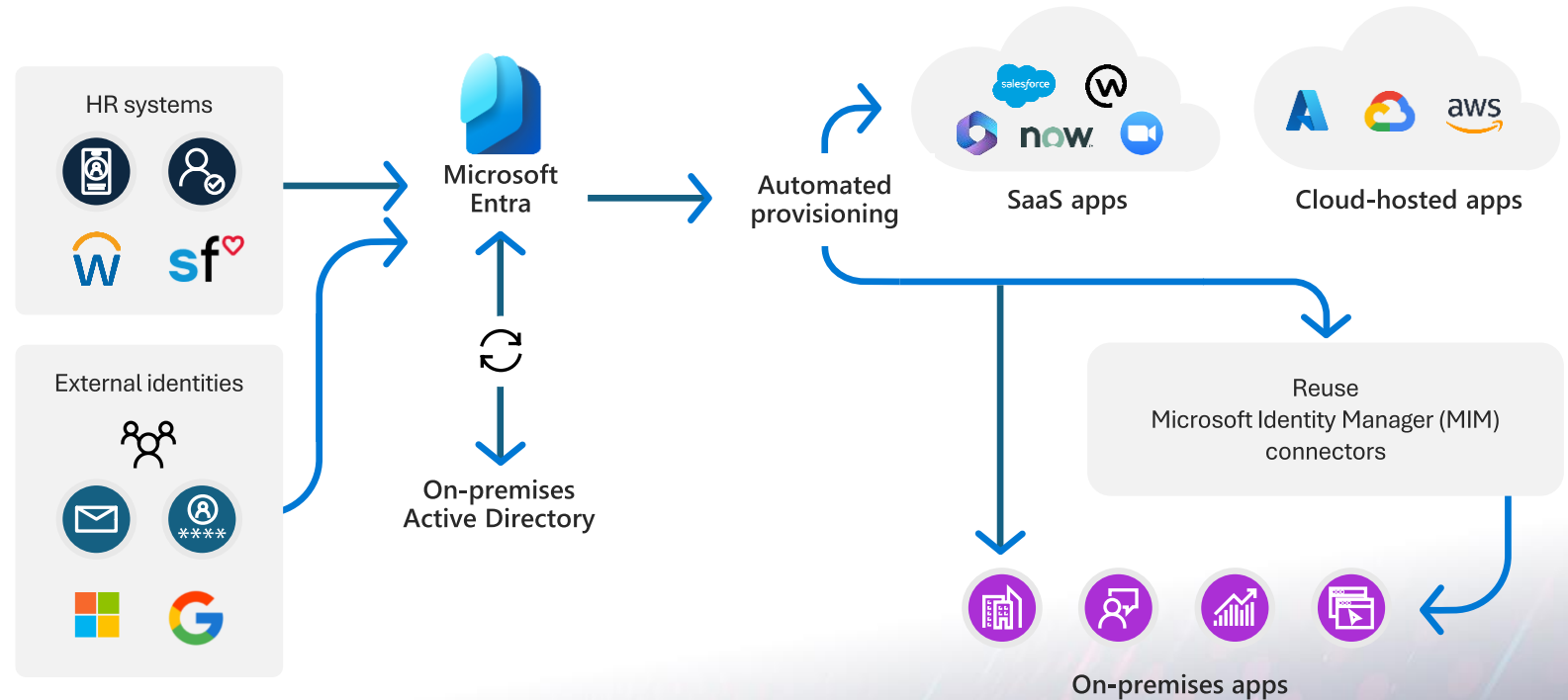
Reduce on-premises footprint

✓ Unify conditional access

› **Uniformly govern access to on-premises and cloud resources**

› **Provide only access necessary with Entitlement Management**

› **Simplify access reviews with ML-driven insights**

Uniformly govern access to on-premises and cloud resources

› Automatically ingest user information from sources of authority such as HR systems

› Provision to SharePoint sites, Microsoft Teams, and apps from Microsoft, third parties, or in-house development

› Provision for on-premises resources from Microsoft Entra ID to apps, using Active Directory, SQL databases, lightweight directory access protocol (LDAP), and system for cross-domain identity management (SCIM)

HR systems

External identities

Microsoft Entra

On-premises Active Directory

Automated provisioning

SaaS apps

Cloud-hosted apps

Reuse
Microsoft Identity Manager (MIM) connectors

On-premises apps

Provide only access necessary with Entitlement Management
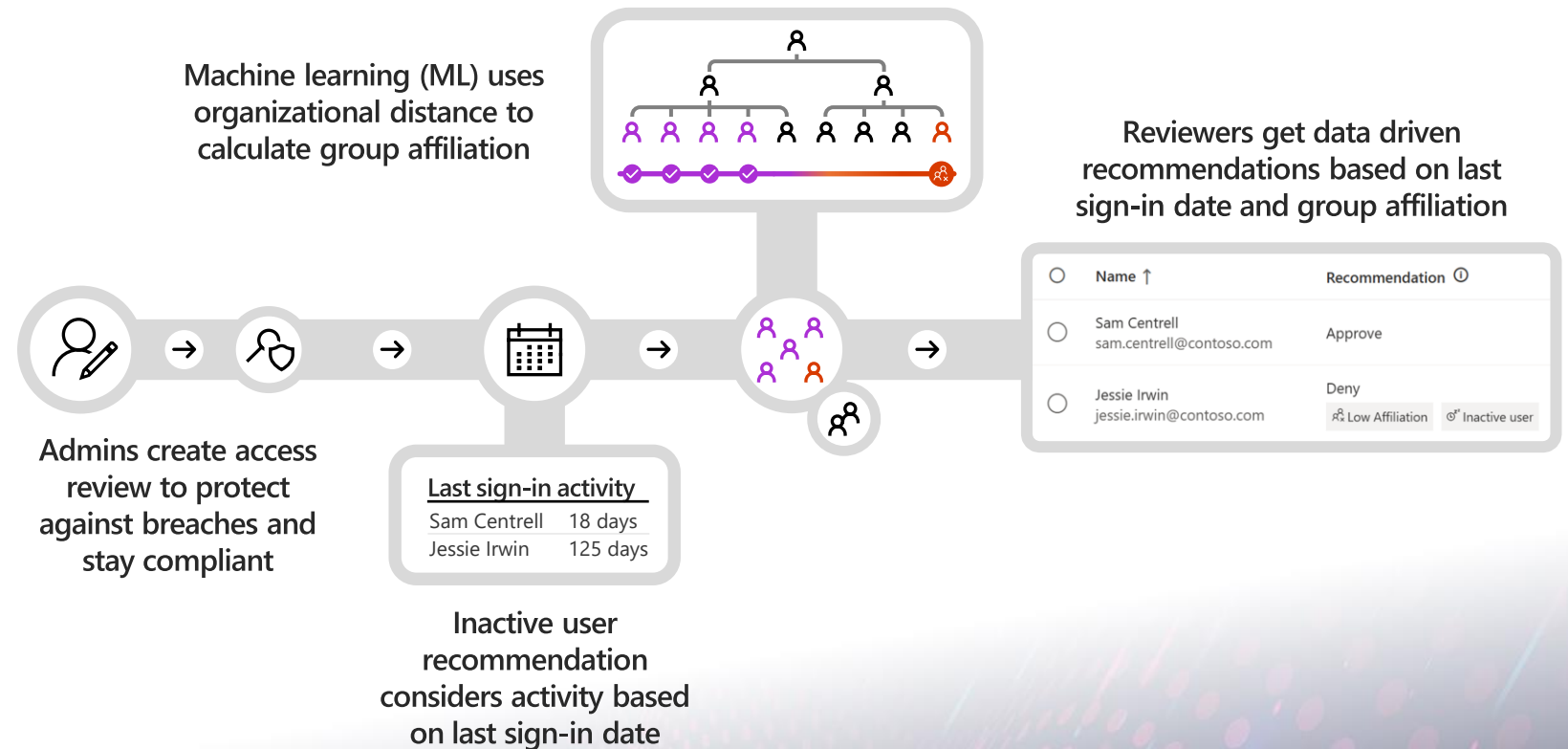
> Delegate access decisions to business groups

> Grant access to all apps a user needs, in one step

> Enforce multi-stage approvals where required
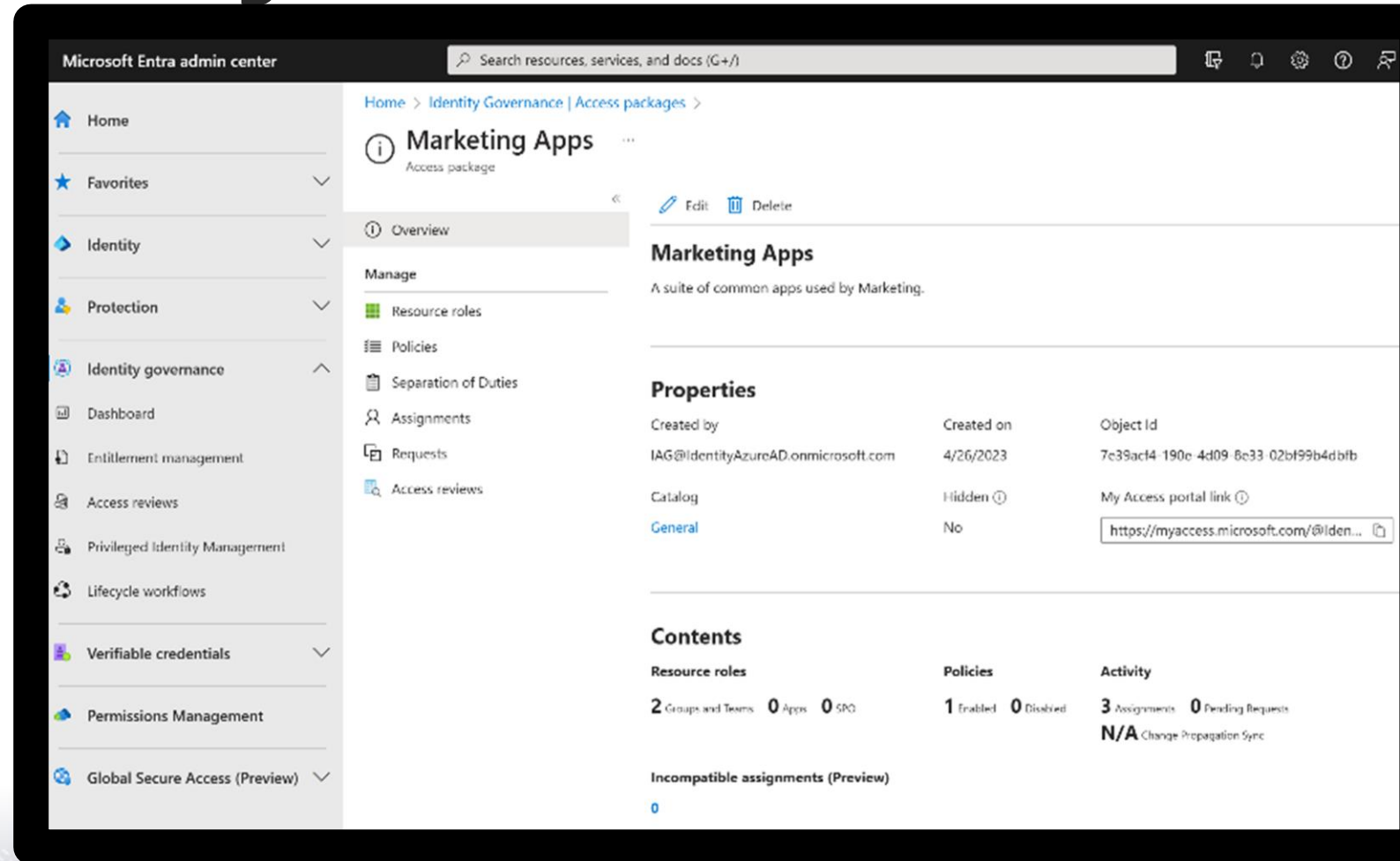
Simplify access reviews with ML-driven insights

> Recertify access needs

> Comply with access policies

> Reduce attestation fatigue through ML-assisted access review recommendations

Machine learning (ML) uses organizational distance to calculate group affiliation

Reviewers get data driven recommendations based on last sign-in date and group affiliation

Admins create access review to protect against breaches and stay compliant

Last sign-in activity

Sam Centrell	18 days
Jessie Irwin	125 days

Inactive user recommendation considers activity based on last sign-in date

	Name ↑	Recommendation ⓘ
○	Sam Centrell
sam.centrell@contoso.com	Approve
○	Jessie Irwin
jessie.irwin@contoso.com	Deny
Low Affiliation   Inactive user

Microsoft Entra Suite
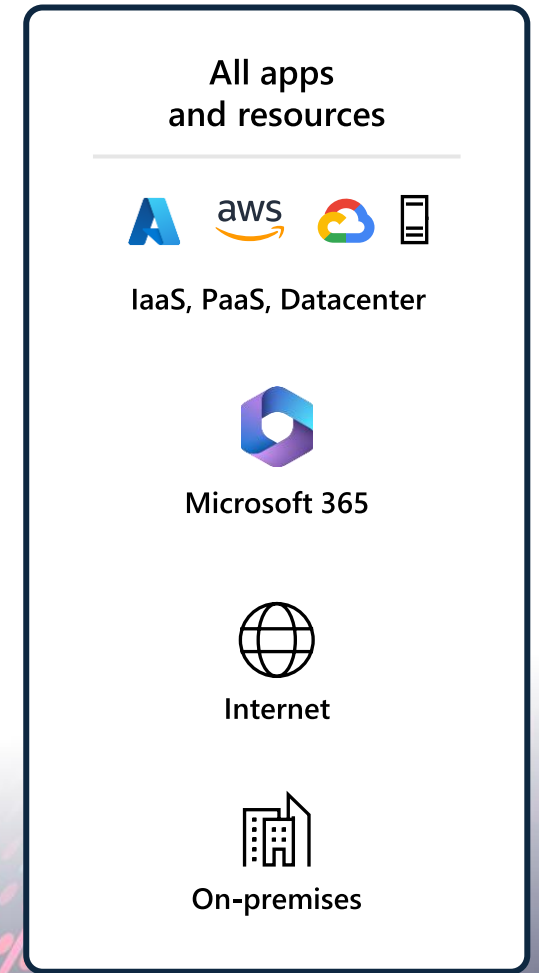
Reduce on-premises footprint

✓ Unify access controls

✓ Ensure least privilege access

Simplify the user experience from anywhere to any resource

Single sign-on experience + passwordless authentication

All apps and resources

IaaS, PaaS, Datacenter

Microsoft 365

Internet

On-premises
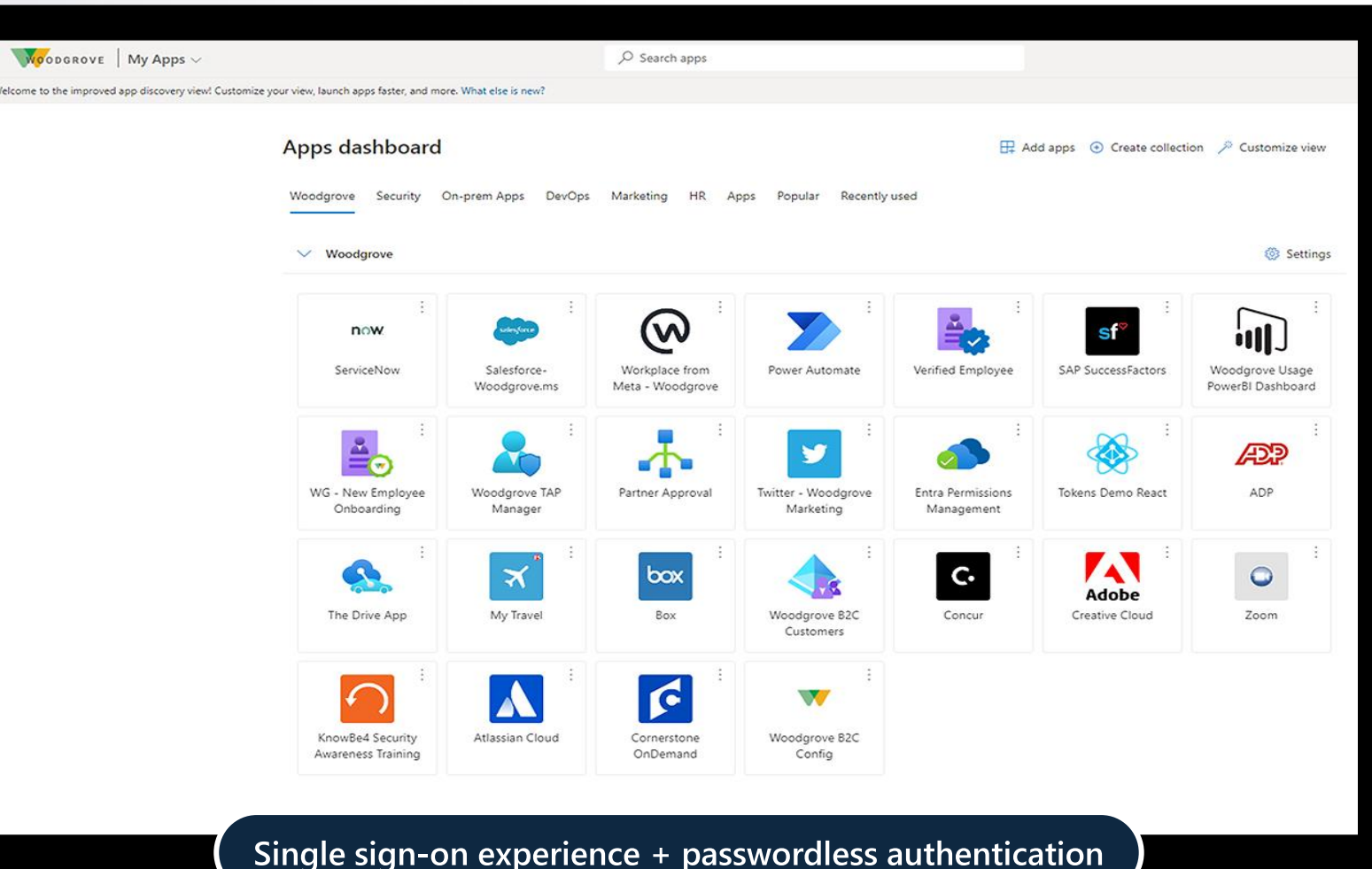
Simplify access requests with self-service portal

> Request access to relevant packages

> Manage approvals and access reviews

> See the history of requests and approvals
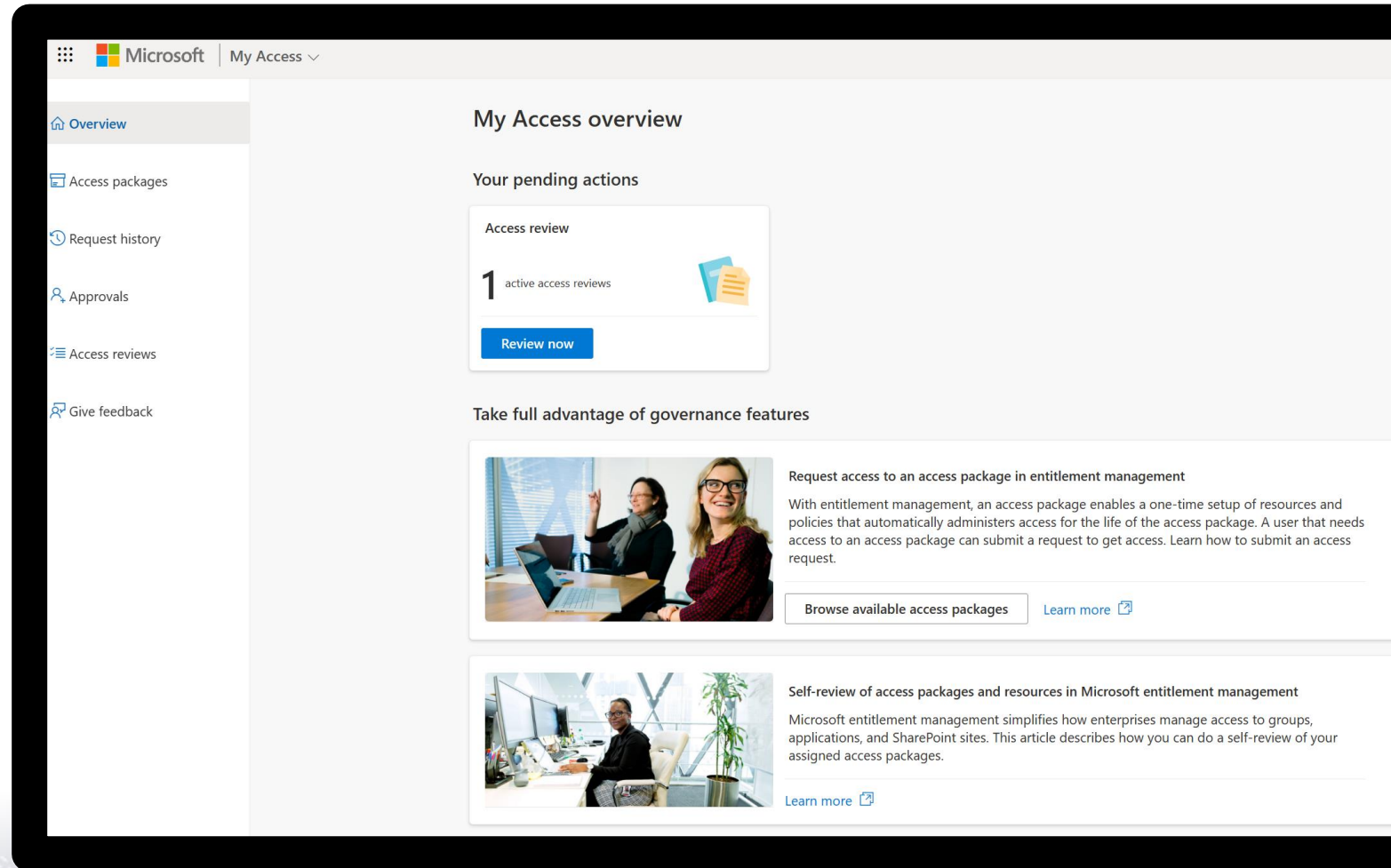
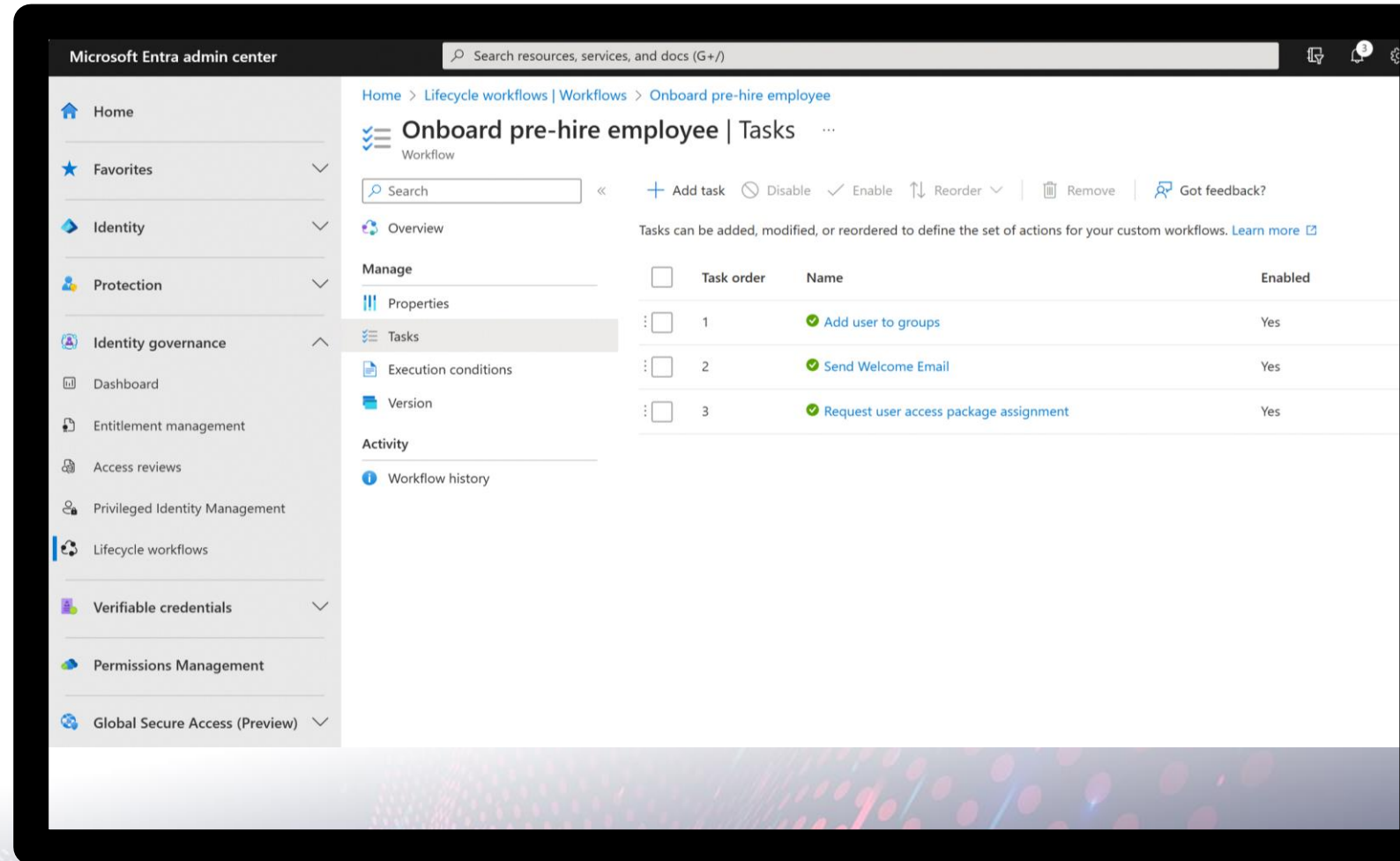# Deliver faster employee onboarding and role changes

- Automate onboarding and role changes

- Finalize role changes promptly

- Offboard with confidence

- Reduce the possibility of errors

Verify user identity within your workflows in real-time

Confidently issue and verify workplace credentials, citizenship, education status, certifications, or any unique identity attributes for employees, business guests and customers

- Real-time match against trusted identity document (e.g., government or employer)

- Validate identity information for self-service enrollment and reduced time-to-hire

- Quickly verify an individual's credentials and status

- Build custom solutions for your business needs

Verify with confidence

Use identity with Face Check

Transparent verification
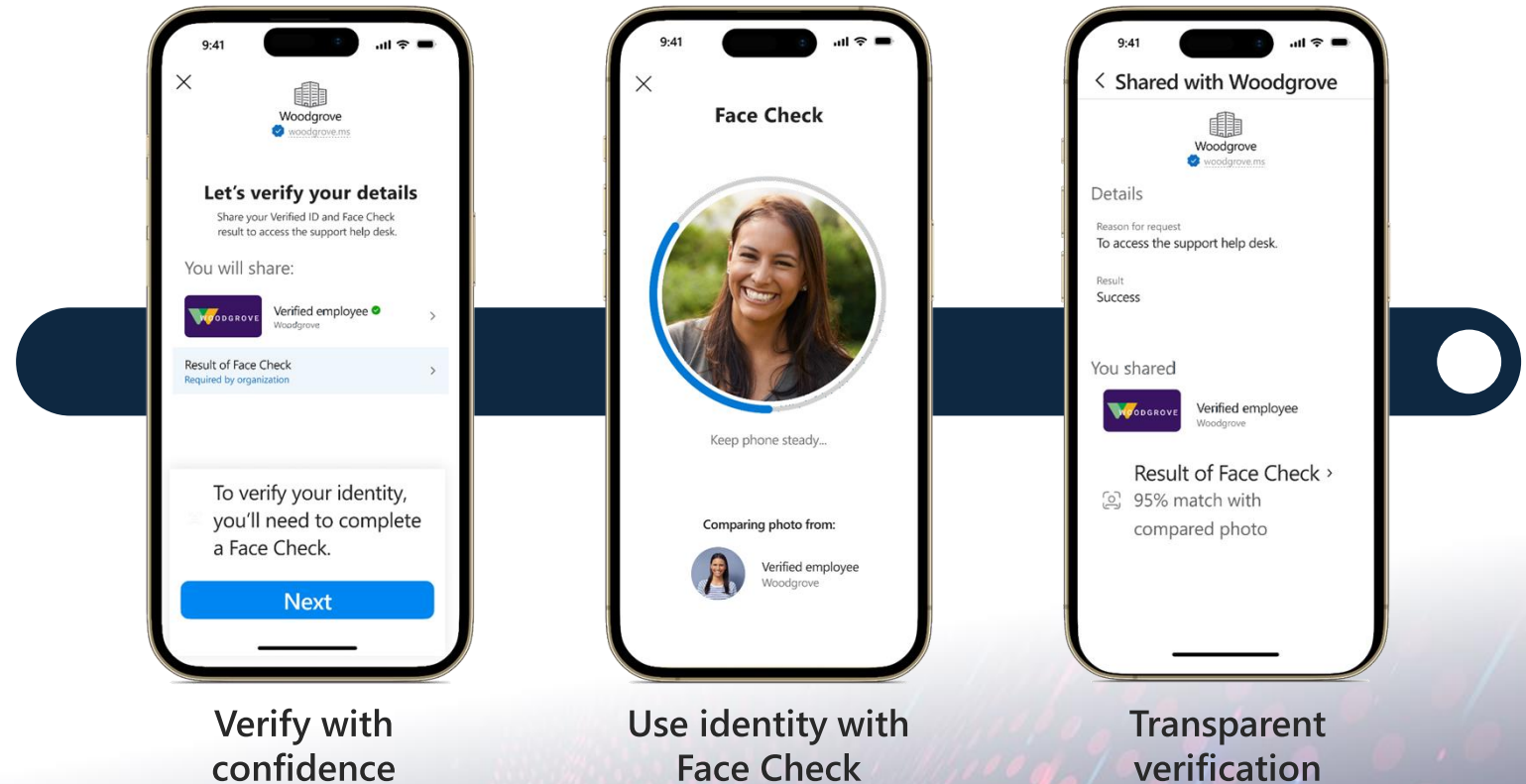
Microsoft Entra Suite

- ✓ Unify access controls
- ✓ Ensure least privilege access
- ✓ Improve user experience

Move to the cloud as a source of authority
Simplify governance by revisiting Microsoft Identity Manager (MIM) connects and minimizing MIM footprints

Replace...

> Basic Secure Web Gateway (SWG)

> Firewalls

> Legacy VPNs

+

Improve efficiency...

> On-premises identity governance

> Identity governance connectors

Microsoft Entra Suite

Microsoft Entra Suite

Microsoft

vs

Identity and access management	+	Identity governance and administration	+	Network access (ZTNA and SWG)	+	Identity verification and credentialing	+	Advanced identity protection
okta		okta		zscaler		IBM		CROWDSTRIKE
Ping Identity		SailPoint		netskope		auth0 by Okta		paloalto NETWORKS
ONE IDENTITY		SAVIYNT		paloalto NETWORKS		verified CREDENTIALS		semperis
						veriff		

Microsoft Entra Suite

- Unify access controls
- Secure access to apps and resources
- Ensure least privilege access
- Improve the user experience

> Maximize benefits from Microsoft 365 and Microsoft Entra ID

> Be ready for Copilot for Security

> Reduce the complexity and quantity of cybersecurity vendor relationships

Microsoft Entra Suite
is ready for Copilot for Security
in Microsoft Entra

Enable **response in minutes**, not hours

Simplify the complex with natural language prompts and easy reporting

Catch what others miss with deeper understanding of your enterprise

Upskill your security talent with cyber-trained generative AI

Recap: Microsoft Entra Suite

Unify conditional access
For all resources across identity, endpoint, and network

Ensure least privilege access
To any app or resource, including AI

Improve the user experience
For remote, from home and in-office work

Reduce on-premises footprint
Retire and minimize dependencies on legacy solutions

Secure access
for any identity,
from anywhere,
to any app, AI,
or resource

- ✓ Identity governance and administration
- ✓ Identity verification and credentialing
- ✓ Advanced identity protection
- ✓ Zero Trust Network Access
- ✓ Secure Web Gateway

Microsoft Security