



Using technology to deliver services and boost growth

Olivia Neal, Director of Microsoft's Public Sector Center of Expertise

Dave Sloan, Chief Technology Officer, Microsoft Worldwide Public Sector

Andrew Cooke, Head of Policy, Microsoft Worldwide Public Sector

Agenda

- Welcome and introductions
- **Session 1:** Digital Maturity and Technology Foundations
- **Session 2:** Policy Building Blocks
- *Lunch*
- **Session 3:** Emerging Technologies – Opportunities and Threats
- **Session 4:** Discussion and reflections

1



Digital transformation in the Public Sector

Olivia Neal
Worldwide Public Sector

Trends driving digital transformation in Government



Redesigning
service
delivery



Cybersecurity and
managing
privacy



Responsible
use of new
technologies



Leveraging
data



Optimizing
employee
time and skills



Building
resiliency and
flexible
approaches

Trust and Confidence

Cloud Adoption

What drivers of change are you seeing?



Redesigning
service
delivery



Cybersecurity and
managing
privacy



Responsible
use of new
technologies



Leveraging
data



Optimizing
employee
time and skills



Building
resiliency and
flexible
approaches

Trust and Confidence

Cloud Adoption

Trends:

Leveraging data

Responsible use of
new technologies

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Public Sector **FUTURE**

**John
Price**

Detective Sergeant, West
Midlands Police



Digital Government maturity

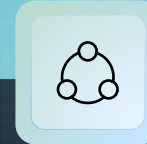
Analog
Government



Transactional
Government



Service-centered
Government



Intelligent
Government







People and culture

Governance and rules

Technology and data





OUTCOMES

ENABLERS

		Transactional Government		Service-centered Government		Intelligent Government			
ENABLERS	People and culture	Analog Government Complex processes Lack of data and efficiency 							
	Governance and rules	Teams formed from single agencies with single specializations		Waterfall implementation Hierarchical structure					
	Technology and data	Data held for single scenarios Tech solutions fixed to siloed requirements							

OUTCOMES

ENABLERS

		Transactional Government		Service-centered Government	Intelligent Government
ENABLERS	OUTCOMES	<div>Analog Government</div> <div></div>	<div>Multiple service portals and websites Personal data submitted multiple times Data not shared between teams Policies predicated on limited data sets</div> <div></div>	<div></div> <div></div>	<div></div> <div></div>
	People and culture		Digital skills start to be bought in or developed		
	Governance and rules		Mandates and budgets allocated by agency (not outcome)		
	Technology and data		Connection of transactional services to existing back end operating systems		

OUTCOMES

ENABLERS

Analog Government



Transactional Government



Service-centered Government

Full services offered
operating across agencies
'Tell us once' approach to
data use enabled

Citizen-facing employees have
access to all data they need

Services can be proactively
targeted to groups



Multi-disciplinary teams
User research and co-design

Cross-agency accountability
Adapting legislation for full services

Implementation of cloud strategy
Digital Identity

Intelligent Government



People
and culture

Governance
and rules


Technology
and data

OUTCOMES


ENABLERS

People and culture
Governance and rules
Technology and data


Analog Government



Transactional Government



Service-centered Government



Intelligent Government

Multiple sources of data used to model impacts and formulate positions, policy and interventions

Personalized, accessible, proactive services and operations

Proactive responses to crisis situations

Citizens control their data and trust uses of AI

Public servants freed from low-value tasks to add greater value



Digital and data embedded in leadership discussions

Data standards and governance
AI approach with guardrails

Seamless interoperability
Comprehensive, scalable data use

Security, Governance and Cloud Adoption

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Public Sector **FUTURE**

Yeo Beng Huay

Governance Policy and Planning
Lead, GovTech Singapore



Digital Government maturity

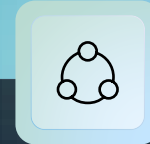
Analog
Government



Transactional
Government



Service-centered
Government



Intelligent
Government



People and culture

Governance and rules

Technology and data

Where are you on this journey?

Why Hyperscale Cloud for Government? A Rapid Primer

Dave Sloan
Chief Technology Officer
Microsoft Worldwide Public Sector

July, 2023



Government Cloud Fundamentals



The move to cloud is essential and urgent.

- Understanding of key Hyperscale Value Propositions is critical
 - **Agility** – “Reduce the cost of failure to near zero”
 - **Innovation** – “New technologies now come **first** to the cloud... and soon will come **only** to the cloud”
 - **Cybersecurity** – “Your data is not safe until it is in the cloud. Hyperscale threats require Hyperscale protection.”
- Other key benefits (Managed, Resilience, Redundancy, Cost Savings, Scalability, Compliance) are also critical



There is no such thing as a private cloud.

- On-prem data centers cannot deliver the key cloud value propositions that a successful digital transformation requires
 - This is true even on IaaS, let alone PaaS and SaaS
 - Cybersecurity for internet-connected on-premise systems is increasingly non-viable

2



Building Blocks for a Successful Digital Transformation Strategy

Realizing a Country's
True Potential



Technology helps governments drive competitiveness and growth

Harnessing emerging technologies like cloud computing enables you to:



Increase productivity



Foster innovation



Realize cost savings



Engage and support citizens

Digital transformation at scale and at pace requires the right policies



Digital transformation drives economic growth and improves services

What is digital transformation?

Maximizing effectiveness of digital technologies to...



Streamline, innovate and improve the quality of services for citizens



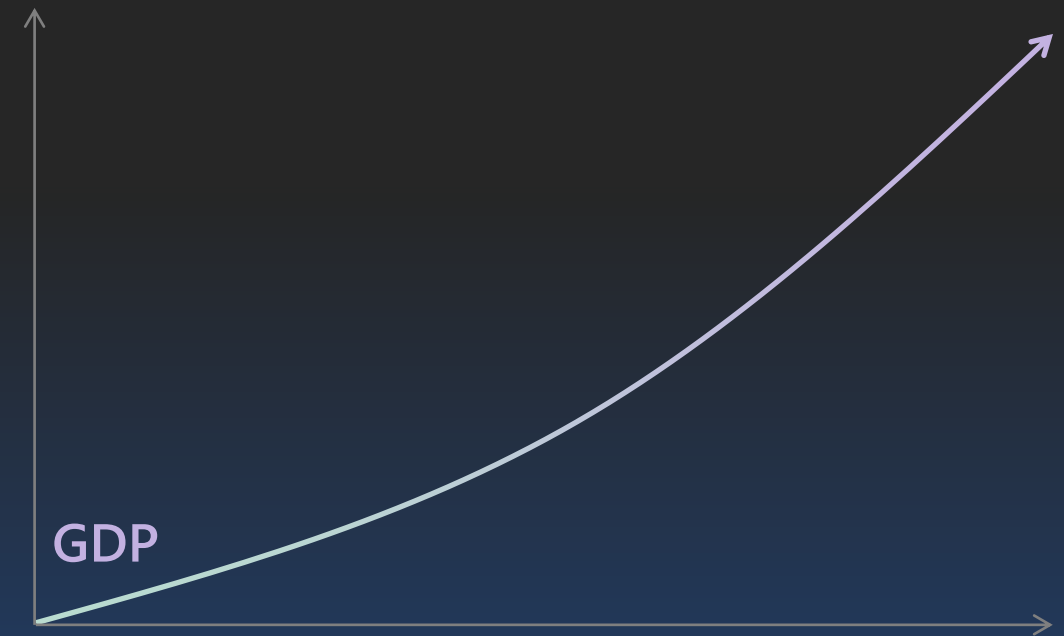
Optimize operations

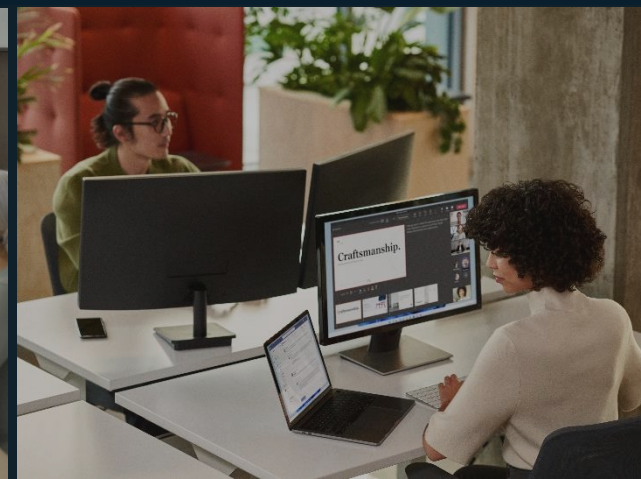


Gain and act on data insights

Use of digital technologies is correlated with higher growth in gross domestic product

Doing digital → Being digital





Getting policy right is a journey,
not a destination



The Policy Building Blocks

1

A national cloud strategy and cloud first policy

2

A data classification framework fit for the digital age

3

Adoption and implementation of a digital identity solution

4

A centralized procurement function

5

Use of government framework agreements

6

Flexible and adaptive finance rules

7

A collaborative approach amongst stakeholders

8

A digital culture and technology skilling agenda

BUILDING BLOCK 1

Adoption and implementation of a national cloud strategy and cloud first policy



An effective strategy and a cloud-first policy work together to accelerate digital transformation while setting clear goals and success metrics.

Overcome these digital transformation barriers



Continued reliance
on legacy IT



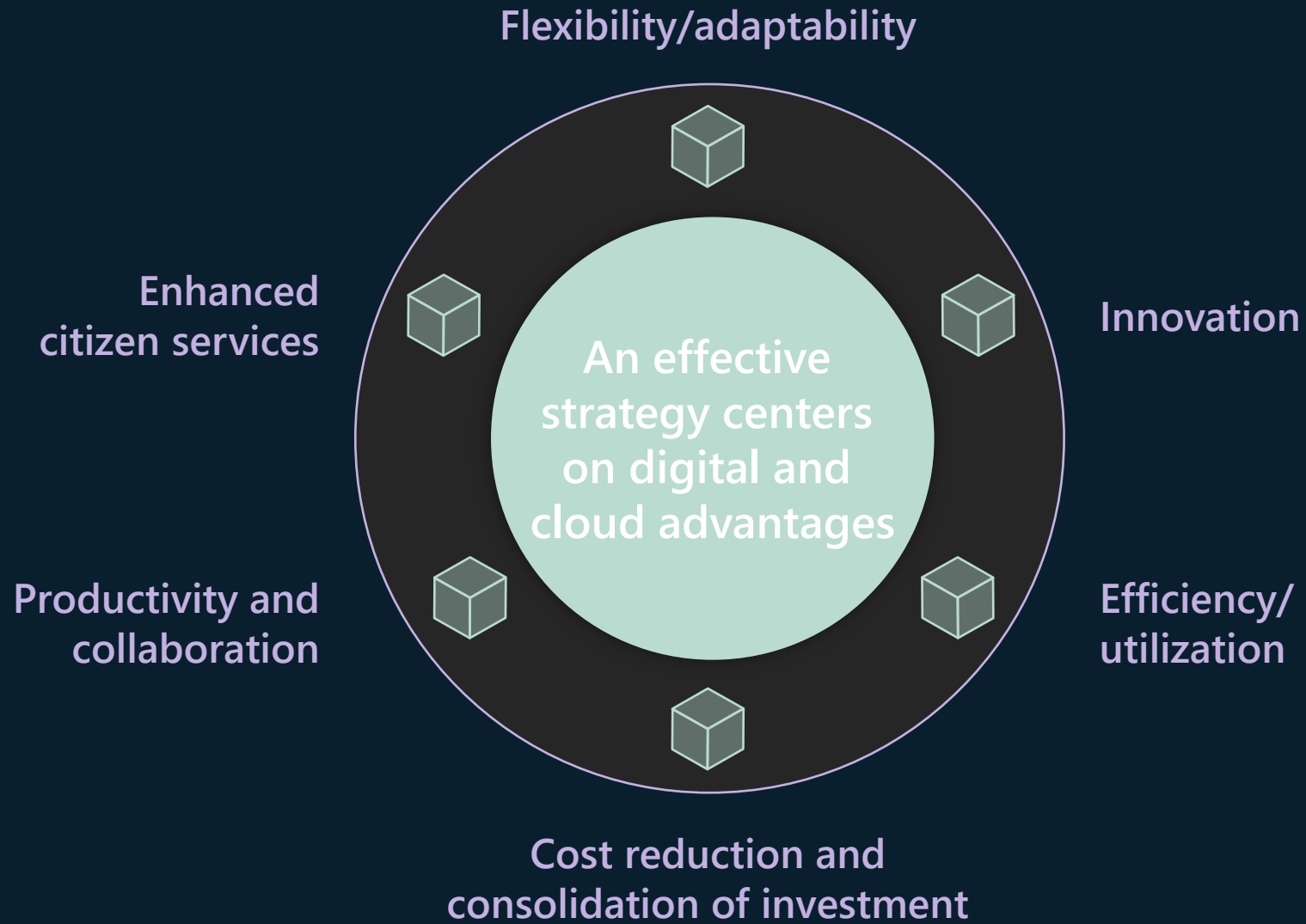
Excessive digital
transformation costs



Lack of cross-
functional buy-in



Mistrust of
cloud services



Examples of national cloud strategies and cloud first policies



US federal “Cloud Smart” strategy fosters adoption and implementation



UK public-cloud-first policy reduced cloud costs up to 40%



Chile, Brazil, Argentina, and Colombia prioritize cloud services through legislation and government support



Canada implemented a Cloud Adoption Strategy mandating the public cloud as the preferred option for IT services



Singapore connects separate government agencies with a readymade platform



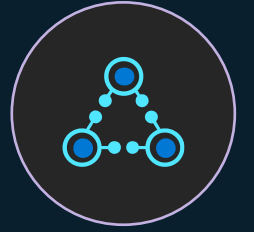
Nigeria adopted a cloud-first policy in 2019



Australia introduced principles-based Secure Cloud Strategy enabling consistency with flexibility

BUILDING BLOCK 2

Data classification and security framework



Classifying excessive amounts of data in the highest categories can impede transformation and ultimately hamper effective data use.

Overcome transformation barriers with data classification frameworks fit for the digital age

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Over- or under-
classifying data



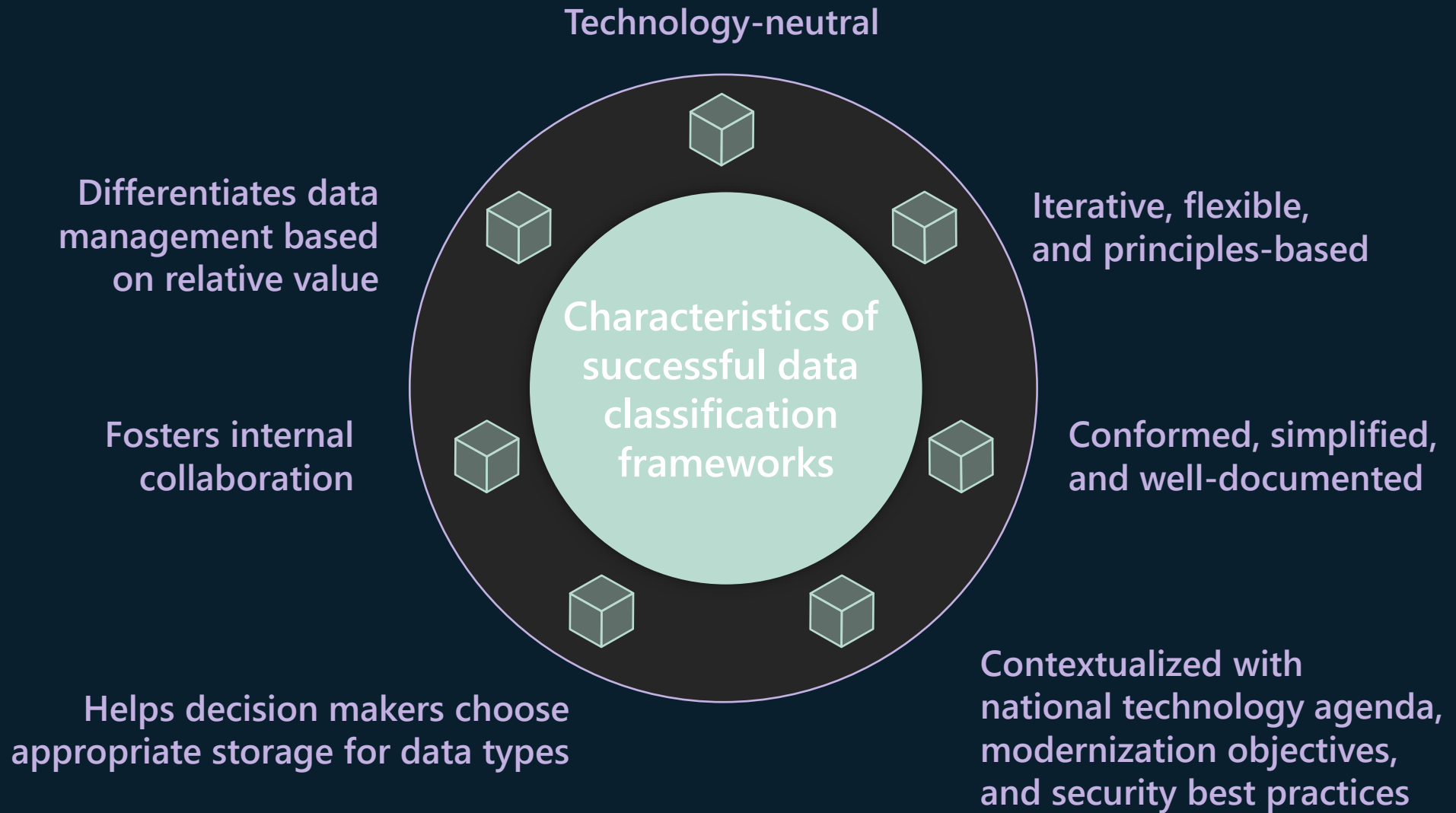
Tension with existing
regulations



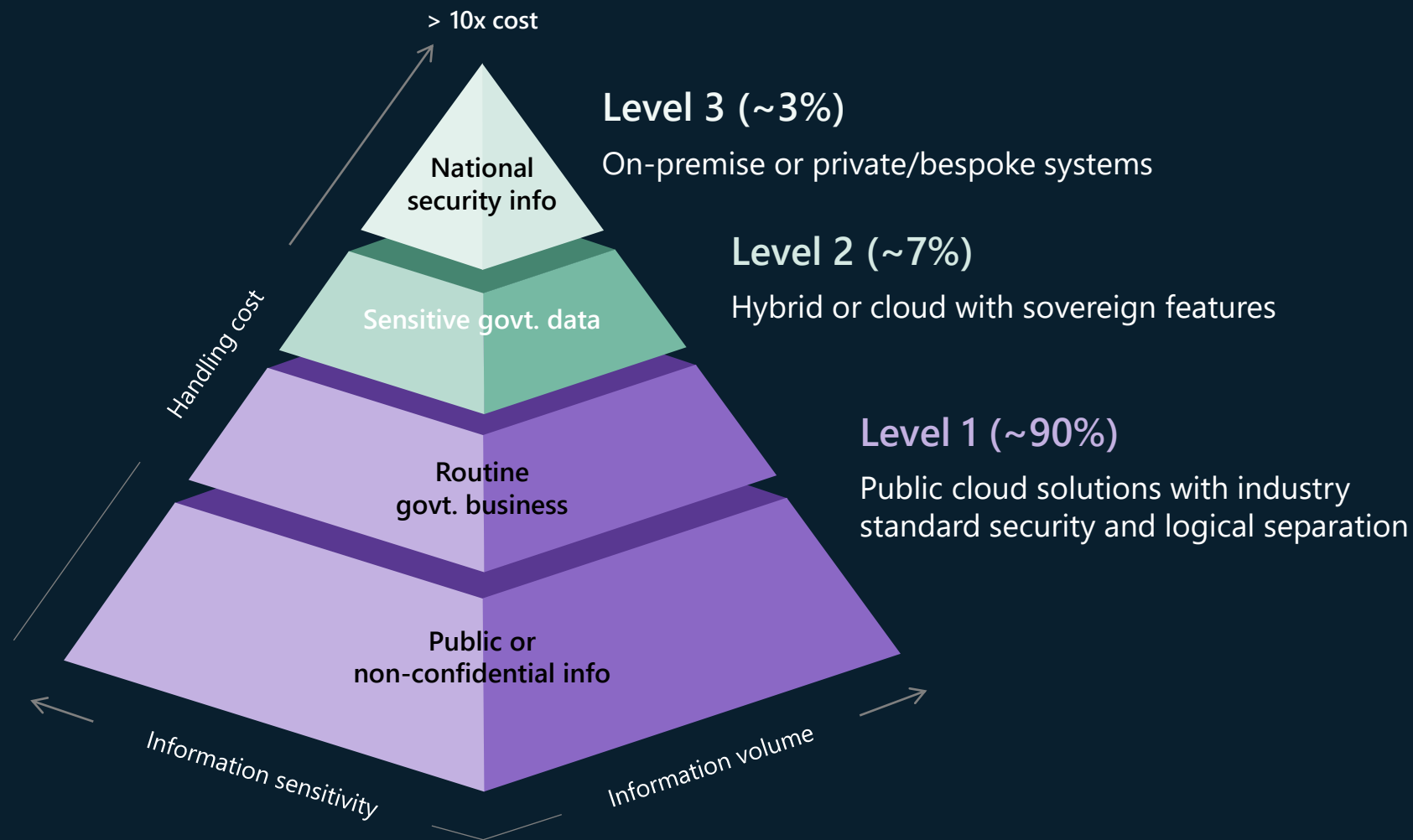
Security concerns
around moving data
to the cloud



Data silos between
agencies



Data classification “north star”



Examples of government data classification strategies



UK uses lowest level for 90% of data, saving billions of pounds and improving governance



UK, US, and Australia all use only 3 data categories



Canada determined 92% of data could be placed under lowest level of classification

BUILDING BLOCK 3

Adoption and implementation of a digital identity strategy



Effective digital identity technology and policy enables seamless, unified delivery of services to citizens. Widespread use can unlock huge economic value.

Overcome these digital transformation barriers



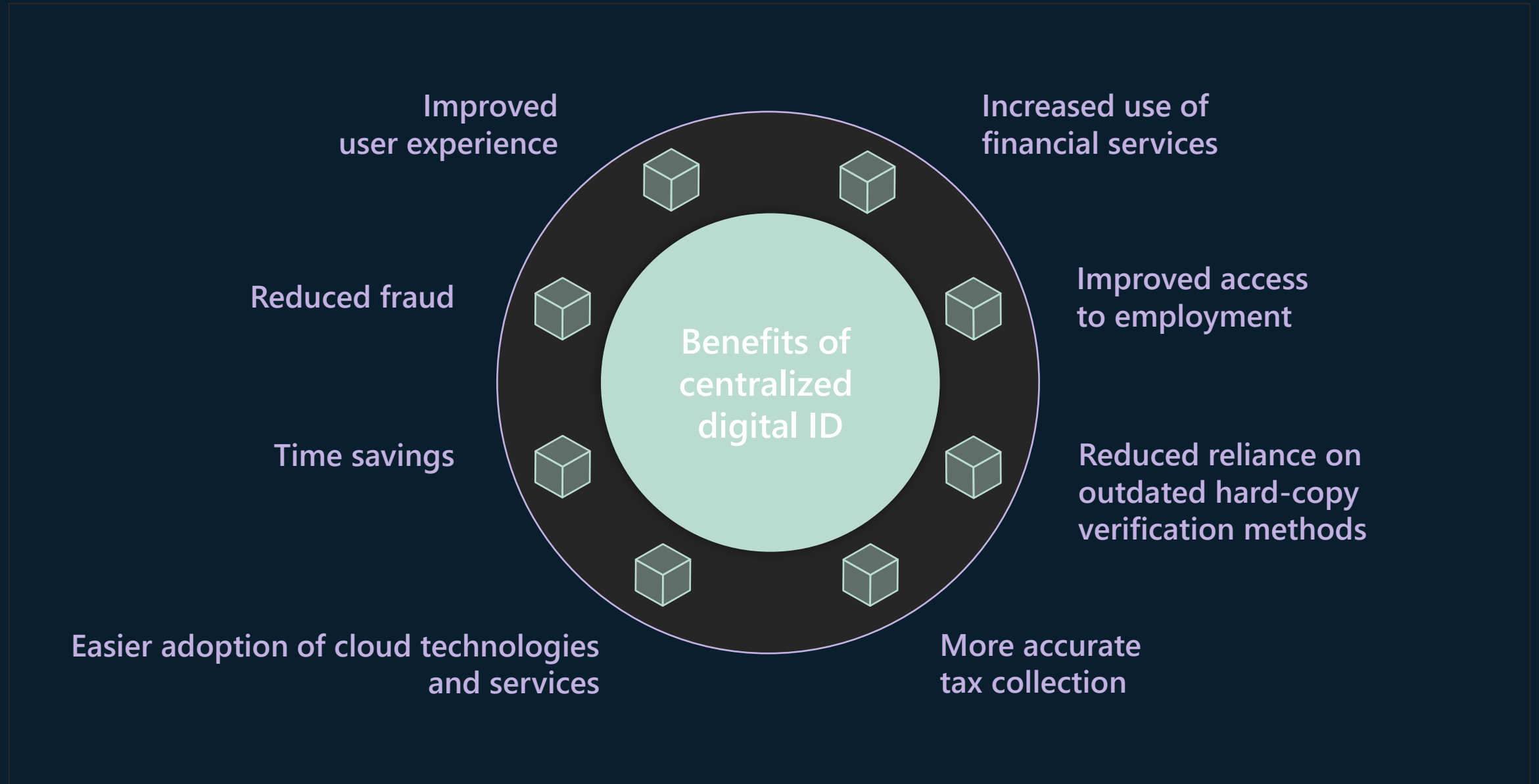
Unnecessary barriers
to data sharing and
collaboration



Multiple IDs required
by citizens



Reliance on hard-
copy verification
methods



Examples of countries using a single digital ID solution



Italy allows citizens to access public administration services with a single, secure and protected digital identity



Singapore Singpass issued to 97% of those 15 or older for government and private-sector transactions



UK announced plans to establish an Office for Digital Identities and Attributes



British Columbia, Canada offers BC Services Cards since 2013, expanding from health insurance to other government services



India established a nationwide ID system called Aadhaar, improving efficiency and reducing fraud



Estonia issues a digital ID to all citizens covering a breadth of digital services, saving 2% of GDP annually

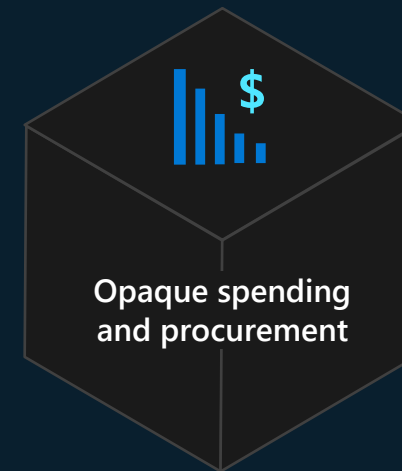
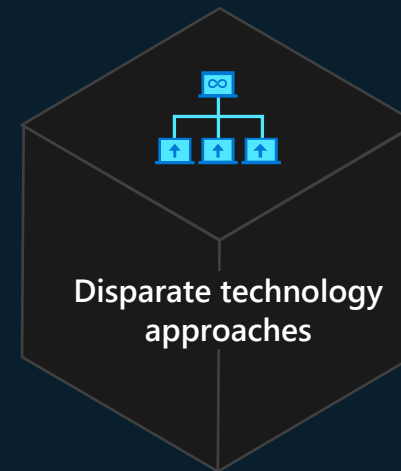
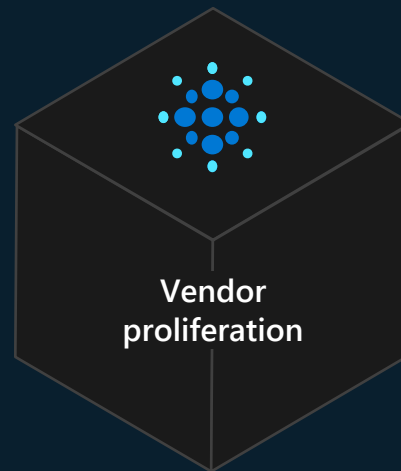
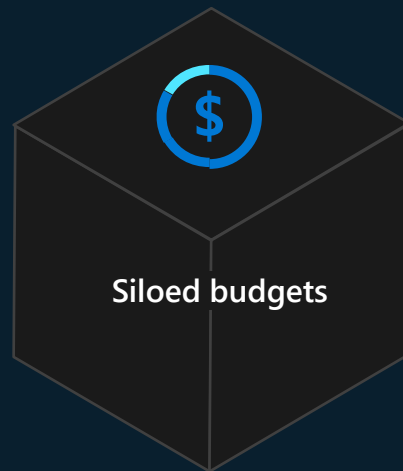
BUILDING BLOCK 4

A centralized procurement function/central purchasing entity



Make it simple for departments to get the services they need.
Excessive complexity undermines the value of centralization.

Overcome these digital transformation barriers



Economies of scale

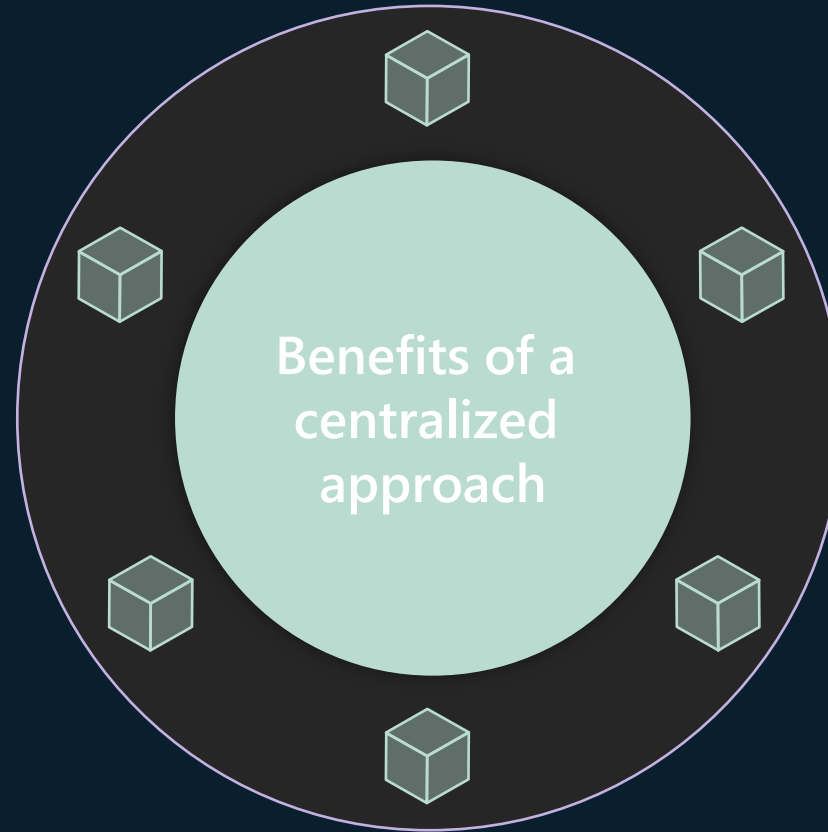
Simplified HR
management

Standardization
of terms

Increased focus on
contract issues and
problem resolution

Technology
harmonization

Transparent governance



Benefits of a
centralized
approach

Examples of central procurement of digital services



UK Digital Marketplace is managed by Government Digital Services, with another program enabling procurement of short-term, pay-as-you-go services



Canada established a central authority with strong procurement governance and oversight to validate decisions and drive volume discounts



Australia streamlined digital sourcing by consolidating ICT procurement into one function



Singapore created a one-stop e-procurement portal for suppliers to access government procurement opportunities online

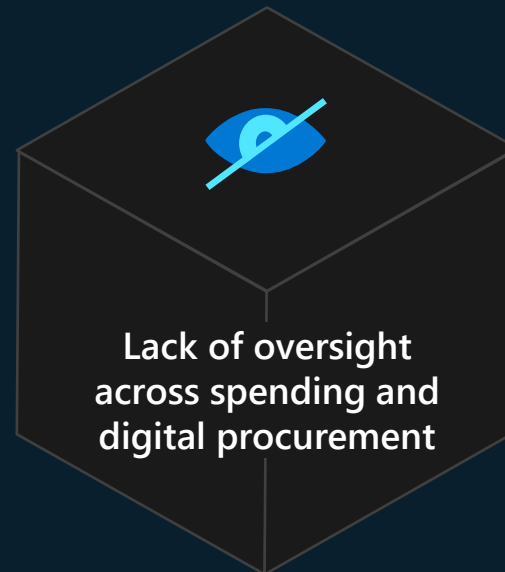
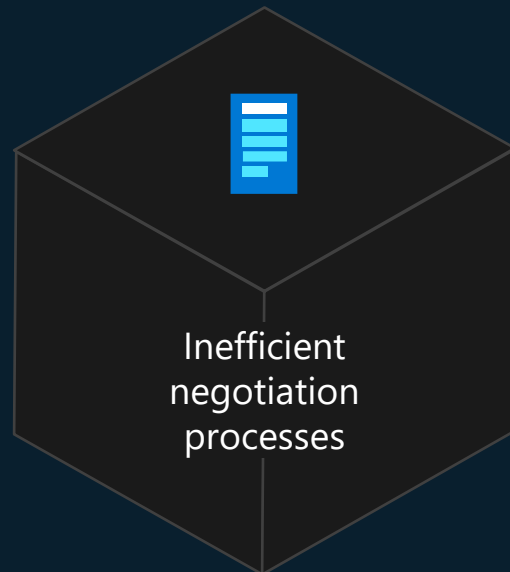
BUILDING BLOCK 5

Use of whole-of-government framework agreements



Consistency is key. Giving departments too much flexibility to modify the agreement undermines the benefits framework arrangements.

Overcome these digital transformation barriers



Connected to advanced, centralized
procurement function



Use of contract specialists
able to compare offers and
establish call-off contracts



Characteristics
of successful
framework
agreements



Use electronic
procurement platforms



Scale approach

Examples of whole-of-government framework agreement



Italy manages \$13B in purchases annually using 127 framework contracts, saving 20% on average over traditional bids



UK signed framework agreements with key technology suppliers giving public entities access to services at the best prices through a centralized Digital Marketplace



Australia uses whole-of-government agreements to manage purchase of ICT products and services used across departments

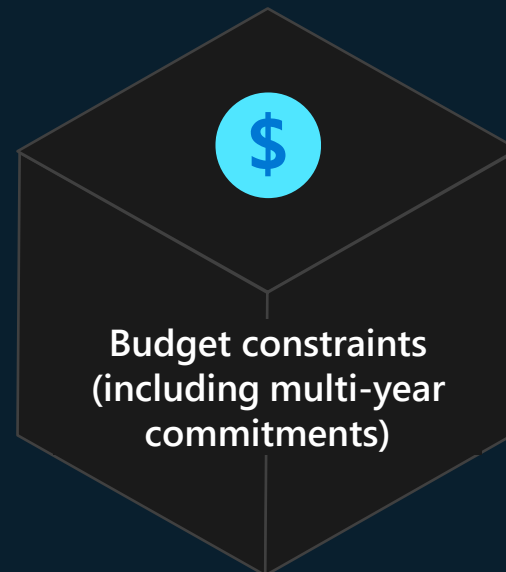
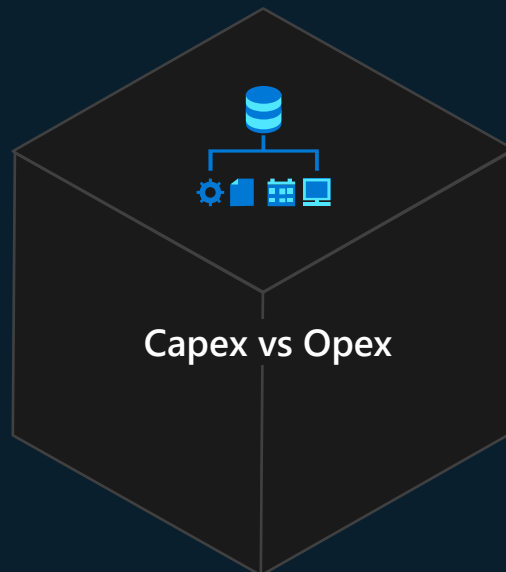
BUILDING BLOCK 6

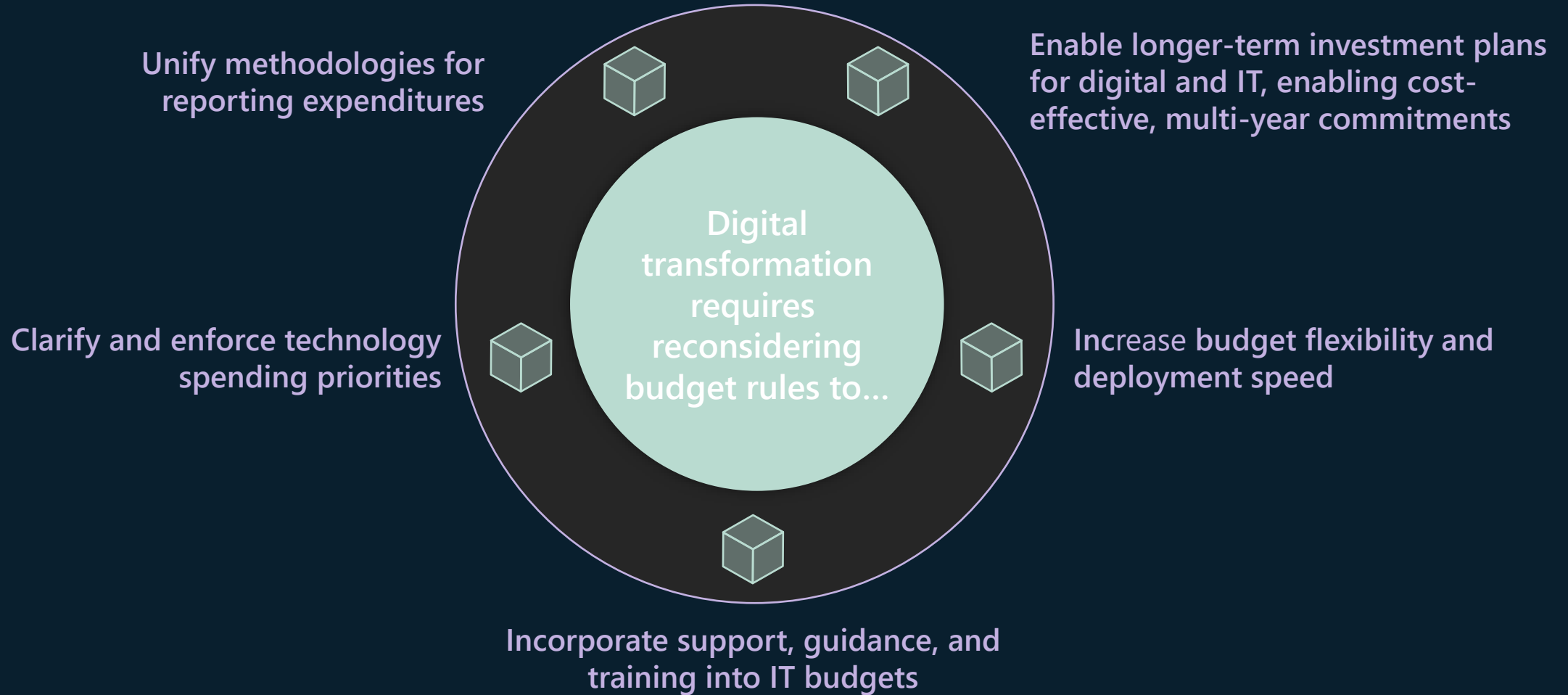
Need for flexible and adaptive finance rules



Financing Rules are often decades old, and often weren't crafted in contemplation of digital transformation and technology initiatives

Overcome these digital transformation challenges





Examples of countries using flexible and adaptive finance rules



UK spend controls reduce waste and encourage cross-government collaboration, while red lines encourage competition and value for money



Australia provides a process for converting Capex to Opex, enabling greater investment in cloud



Finland empowers citizens through procurement transparency



Argentina published technical standards and requirements for ICT projects



Singapore framed cloud procurement as infrastructure to accelerate clearance

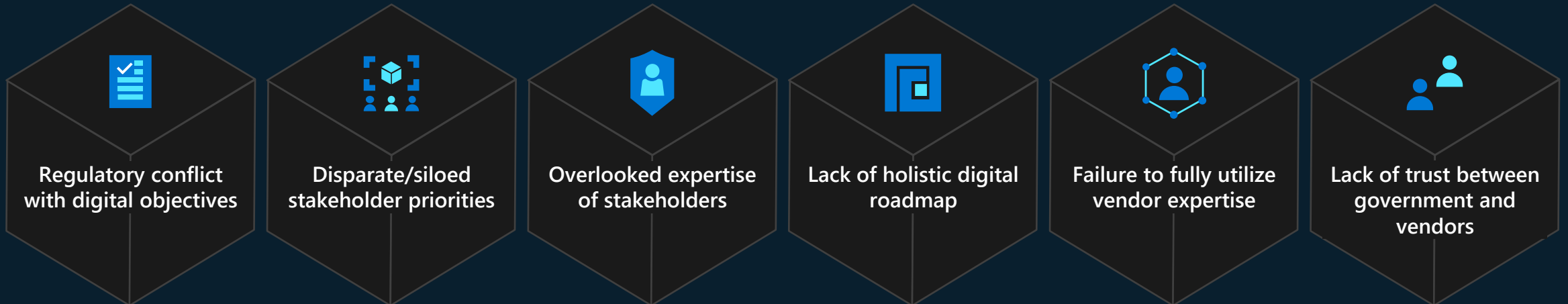
BUILDING BLOCK 7

A collaborative approach between different parts of government, regulators and the private sector



Don't go it alone. Digital transformation is complex and ongoing. Different stakeholders can bring critical knowledge and skills to the table.

Overcome these barriers to digital transformation



Intergovernmental efforts:
Collaborate with other
governments to advance
public-sector digital
transformation



**Internal government
alignment:** Get buy-in from
each constituency

Cross-stakeholder engagement: Include
regulators and technology vendors

Examples of digital transformation collaboration



UK 'one government cloud strategy' encourages cross-functional collaboration throughout the cloud lifecycle



Singapore Smart Nation and Digital Government Office coordinates collaboration among agencies, helping enable end-to-end digitalization of 95% of all transactions with the Singapore government



Denmark supports collaboration between legislators and civil servants to ensure legislation is digital-ready



Nigeria collaborates with Microsoft to accelerate its digital transformation through technical and policy recommendations

BUILDING BLOCK 8

Promotion of a digital culture and civil servant upskilling



People are the key to successful digital transformation.
Maintaining digital competence is an ongoing process requiring constant internal dialogue.

Overcome these digital transformation barriers



Limited understanding
of digital transformation
and its benefits



Poorly articulated
digital goals



Skill gaps



Mistrust of digital

Shifting workplace culture:
Employees who understand
how digital transformation
benefits them are more likely
to engage with it



Executive buy-in: A Cloud or
Digital Center of Excellence
model helps drive collaboration,
training, and cultural change

Upskilling civil servants: Successful initiatives
combine development of existing workforce skills
and acquisition/retention of specialists

Examples of governments promoting digital culture



UK Office for National Statistics increased its training budget to upskill staff in cloud technology and employed roundtable discussions with experts and workshops about cloud usage



Singapore established The Digital Academy as a technology-focused learning institute for the public service



Canada established a Digital Academy to help federal public servants to gain the knowledge, skills and mindsets they need in the digital age



The Philippines implemented a framework to develop competencies and training needs for individuals in different ICT areas

Next Steps



Check out the whitepaper [here](#)

Lunch

We'll get started again at 13:30



Cybersecurity, Data Protection, and Generative AI

Dave Sloan
Chief Technology Officer
Microsoft Worldwide Public Sector

July, 2023

Agenda

About the Threat

About the Target

About Microsoft

What do you do about it?

Q&A

(Cyber)Crime Pays

Revenue opportunity for **Cybercrime** as a Service (CaaS) drives speed, scale and growth

\$6T

Annually today

\$10T

By 2025

1k

Attacks/Second

2x

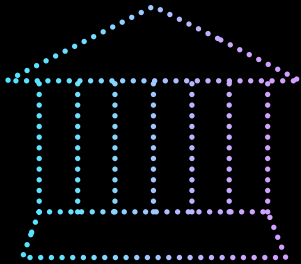
Ransomware demands

74%

Increase YoY
Password attacks

... and it's
accelerating

Public Sector is the Target



128 targets in **42** countries from Russia alone

63% of attacks targeted the top 4 sectors:

- IT Services
- Think Tanks/NGOs
- Education
- Government

90% of Russian activity targeted **NATO** Member states

49% of Russian attacks targeted **Government** agencies

Time is not on our side

Cyberattacks move fast, victims are slow

1 hr

to access data

<2 hr

to move laterally

14 days

after vulnerability is published
before exploit is broadly available

**The more
you wait,
the more
they take**

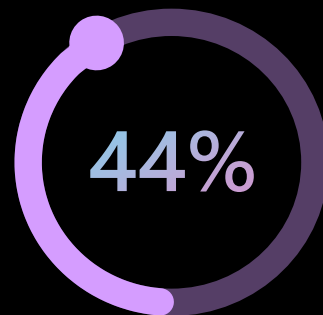
78%

of devices still used an unpatched version even

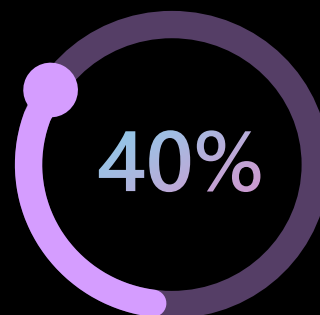
9 months

after a patch is released

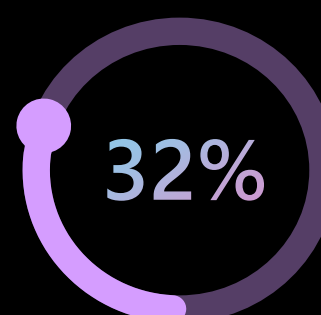
The State of the Union is Inadequate and Unprepared



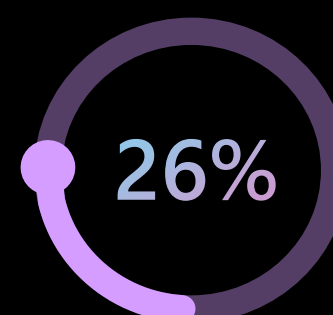
Immutable
Backups



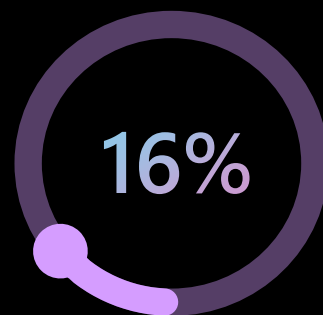
SIEM
XDR



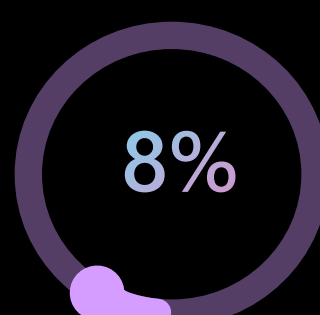
Vulnerability
Management



Multifactor
Authentication



Cross-cloud
Monitoring



DLP

↓ Lower Security adoption
yields

↑ Higher Attacker ROI
creating
ongoing incentives
for more attacks.

How resilient is my organization?

80%

of security incidents can be traced to a few missing elements that could be addressed through modern security approaches

Key areas affecting Cyber Resilience

Microsoft studied victims of cyberattacks and found these factors to be the top 6 contributors to their vulnerability

Insufficient privilege access and lateral movement controls 92%

Insecure configuration of identity provider 86%

Limited adoption of modern security frameworks 85%

Lack of multi-factor authentication 74%

Lack of information protection controls 64%

Low maturity of security operations 58%

Why are Public Sector Organizations Unprepared?



Lack of Skills & innovation

- Talent Gap/Retention
- Manual Processes
- Requires investment & constant innovation



Legacy Systems

- Technical debt
- Siloed standalone security products
- Legacy tools & infrastructure



Legacy Approach

- Security seen as IT function/overhead
- Security Governance is an afterthought
- Zero Trust seen as a technical issue

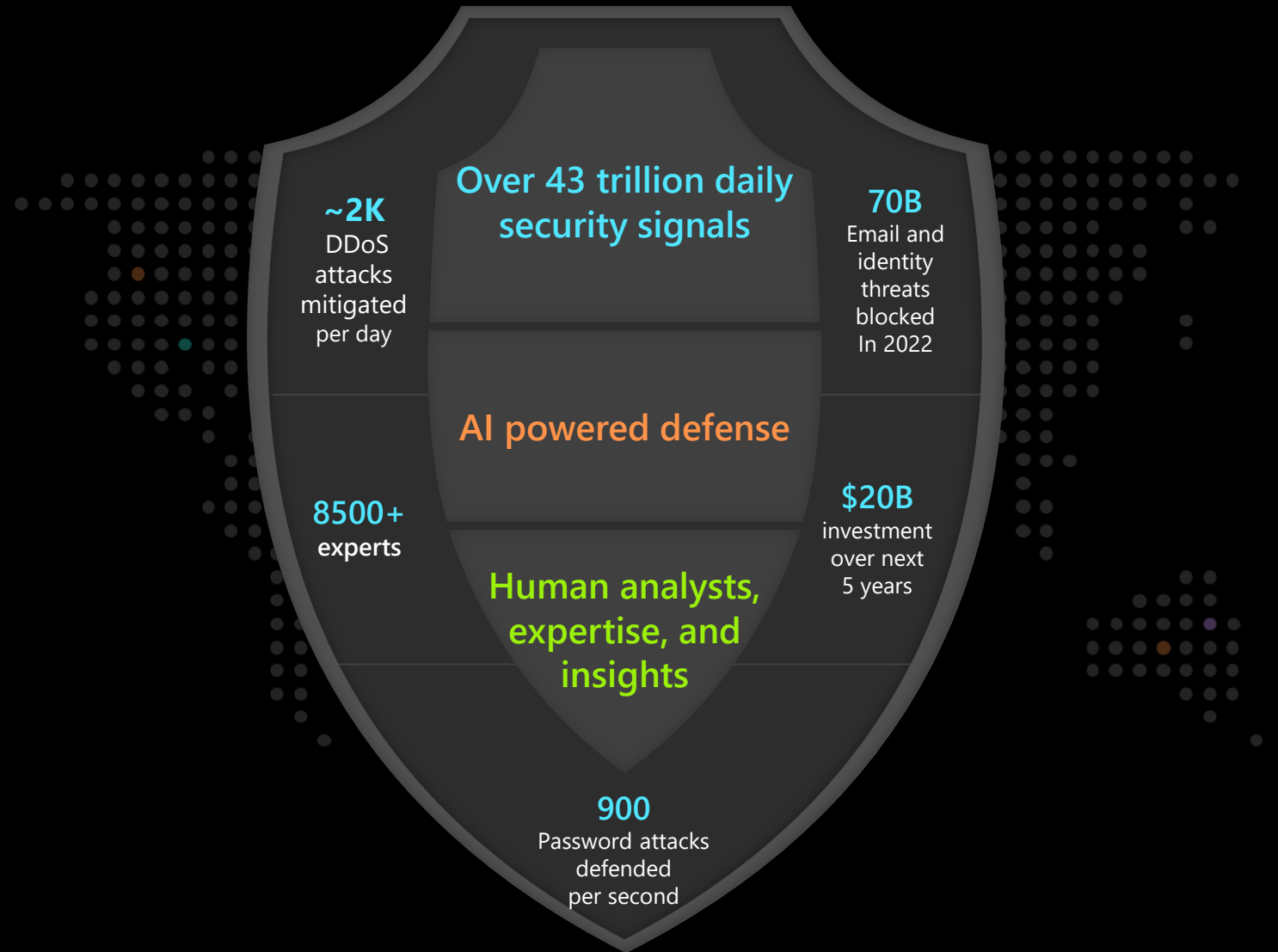


Legacy Mindset

- Security through obscurity
- Data location as Security
- Cloud security FUD

Hyperscale Cloud automation from the World's Largest Security Provider

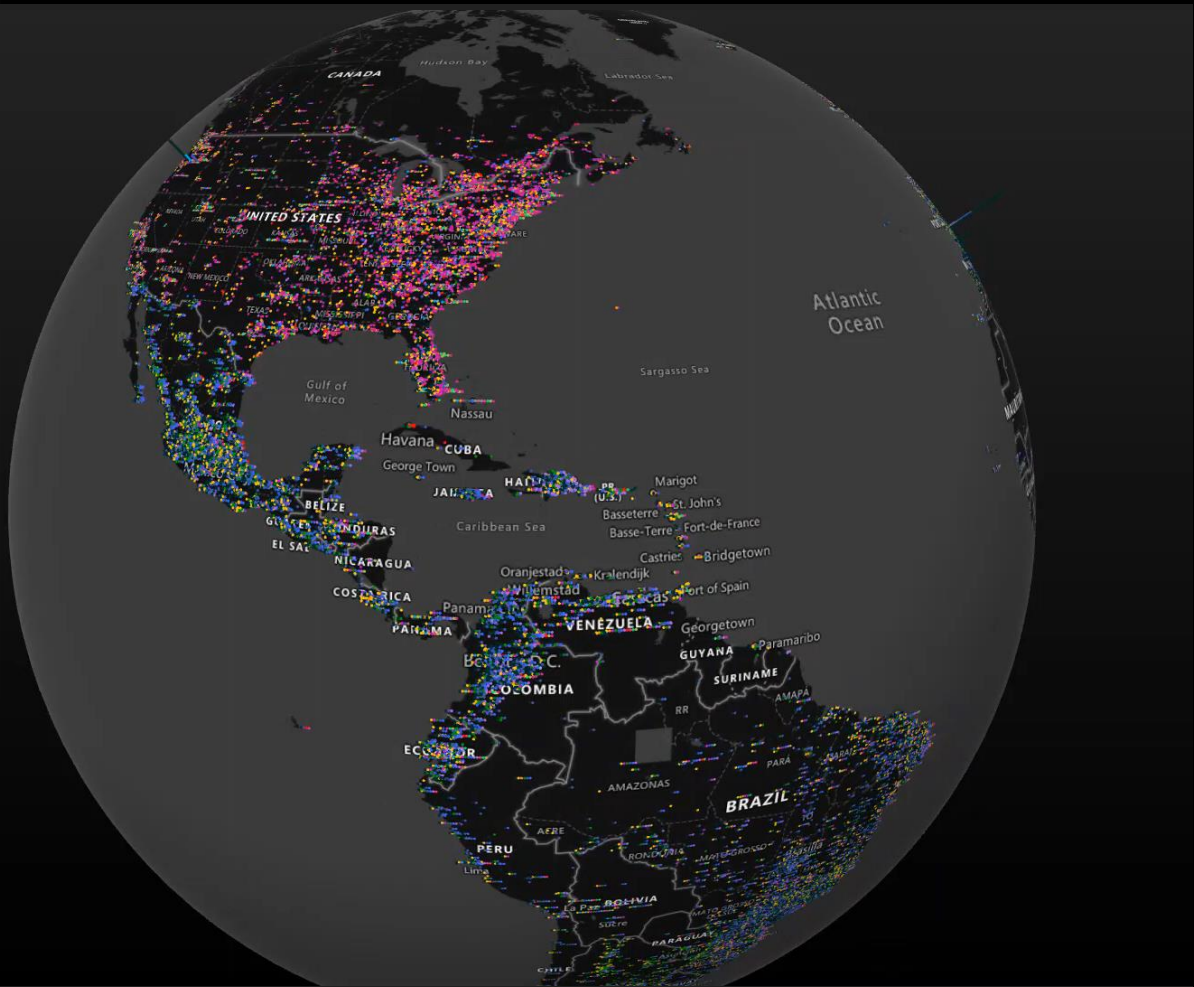
Microsoft helps level the playing field



Digital Crimes Unit | Detect and Disrupt Cyberattacks

Threats – 30 Days

- Avalanche
- B106
- Bamital
- Barium
- Bohrium
- Caphaw
- Citadel
- Dorkbot
- Gamarue
- Necurs
- Nickel
- Phosphorus
- Ramnit
- Sirefef
- Strontium
- Thallium
- Trickbot
- Waledac
- Zloader



Use legal and technical means to **disrupt** hacker infrastructure

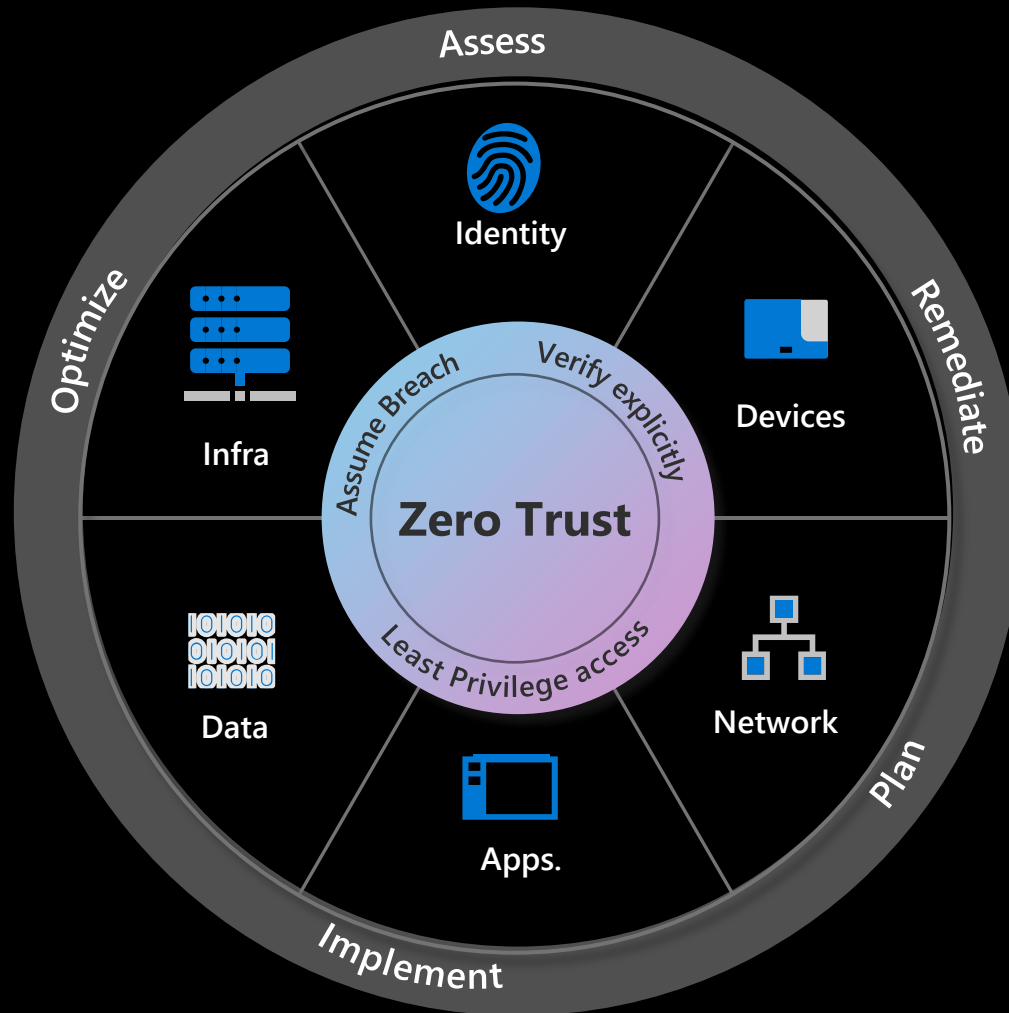
2,750,000
site registrations
blocked

531,000
Unique phishing URLs
taken down

10,000
cybercriminal websites
removed

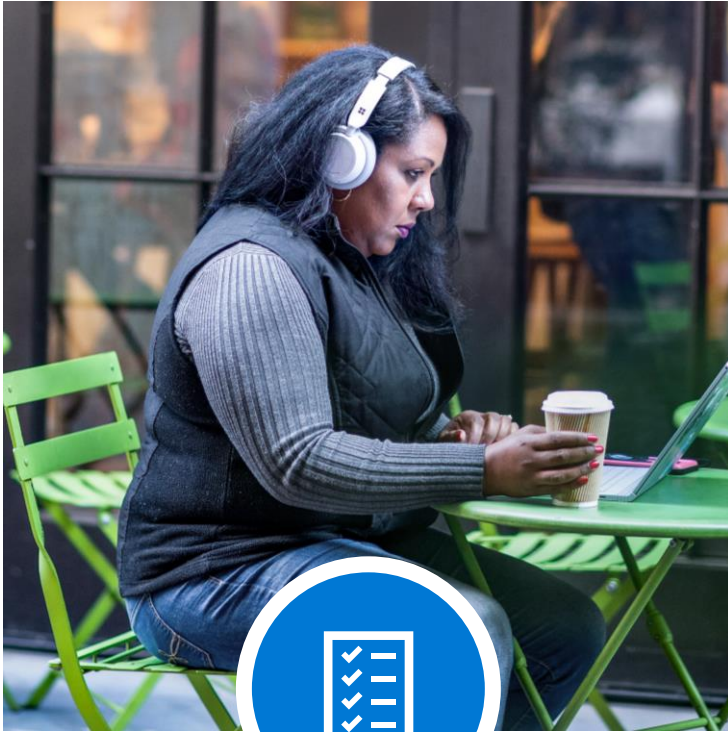
600
nation-state actor websites
re-directed

Modern Approach to CyberSecurity in Government

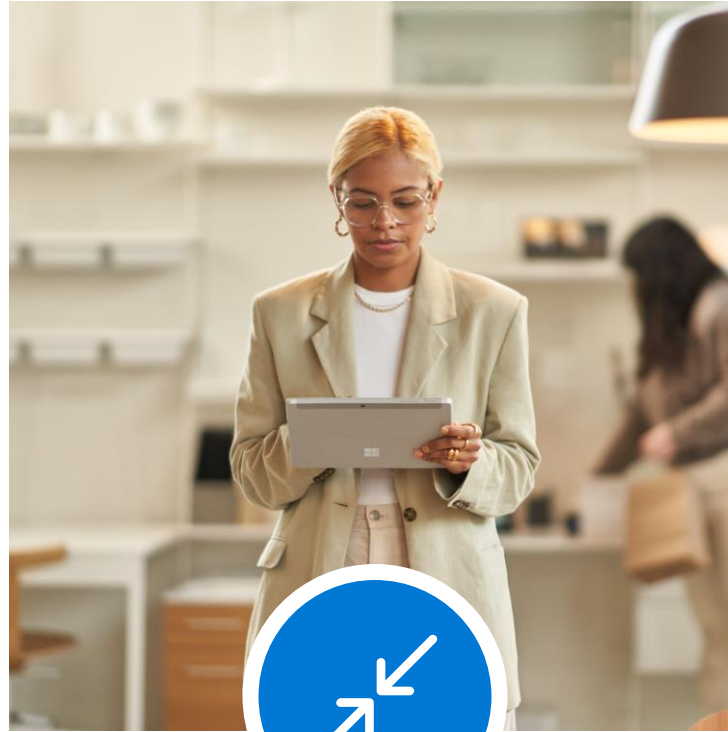


**“Zero Trust
is at the foundation of
security transformation”
- Satya Nadella**

The guiding principles of Zero Trust



Verify explicitly



Use least privilege



Assume breach

Zero Trust pillars

Governance



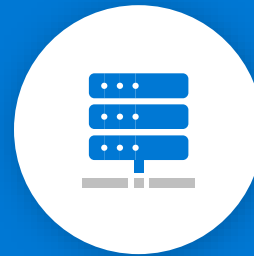
Identities



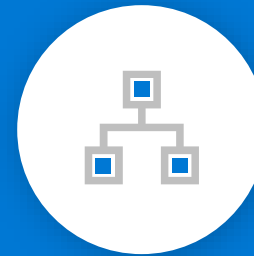
Endpoints



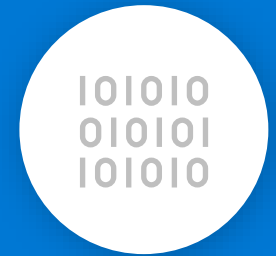
Apps



Infrastructure



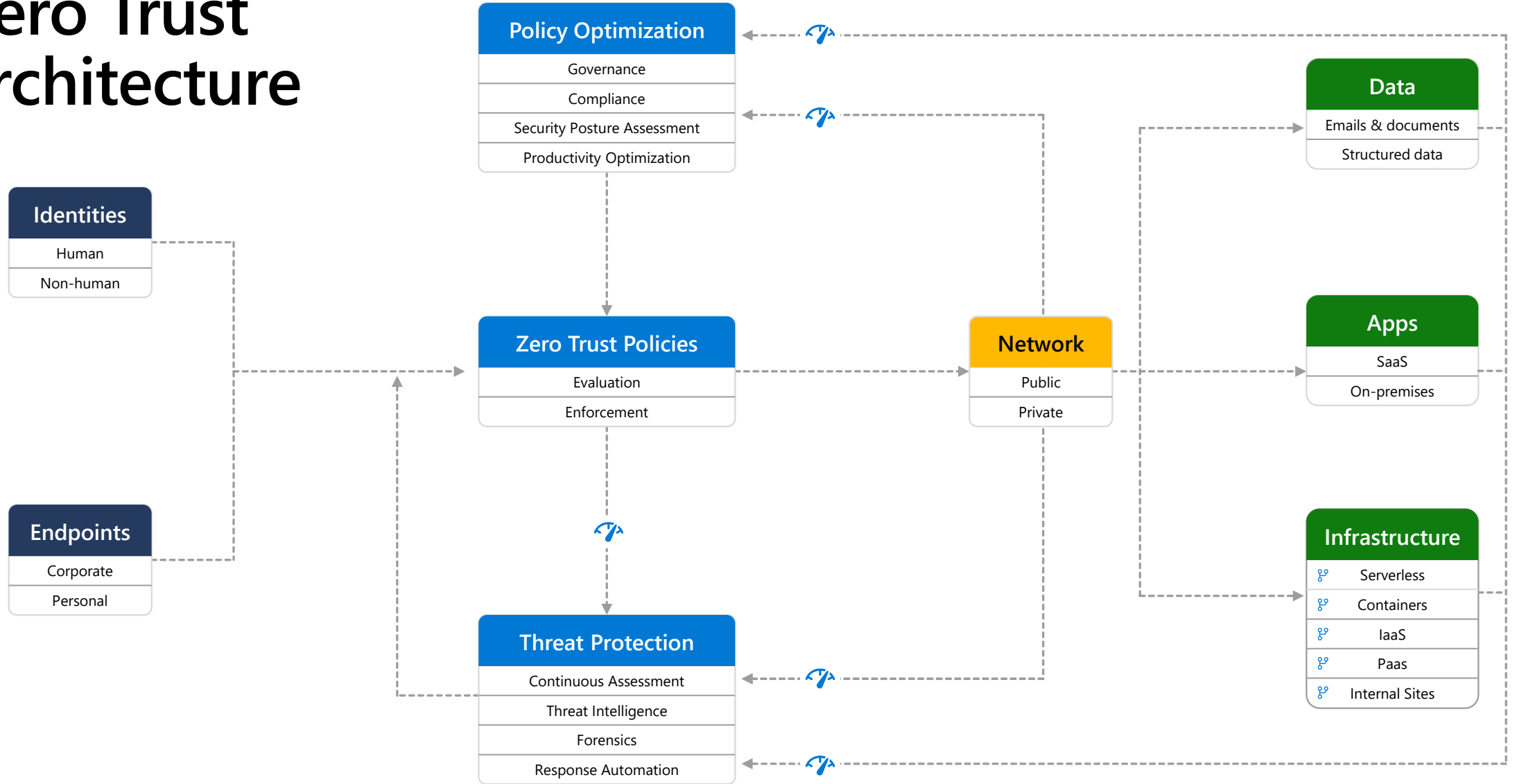
Network



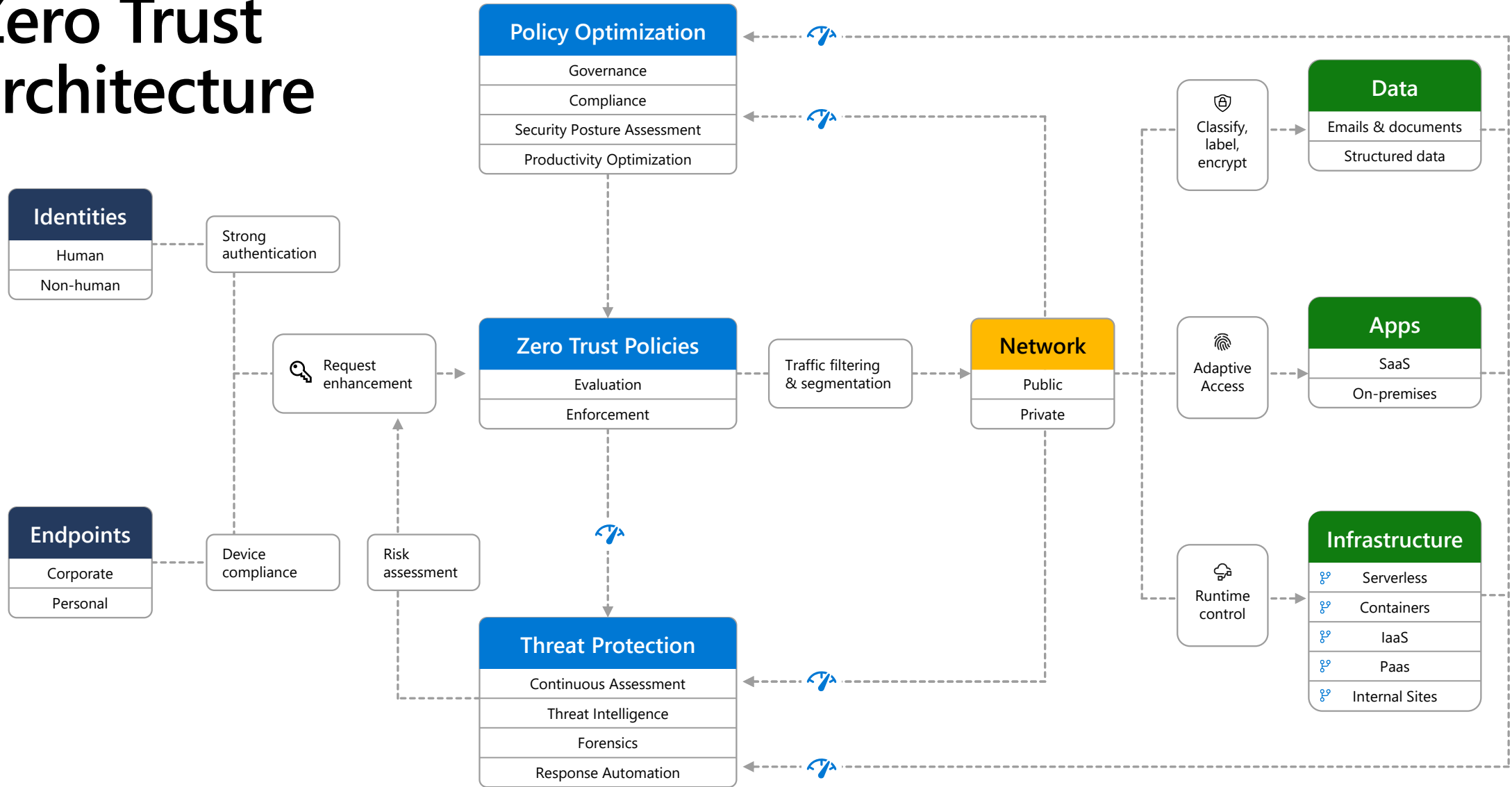
Data

Threat Protection

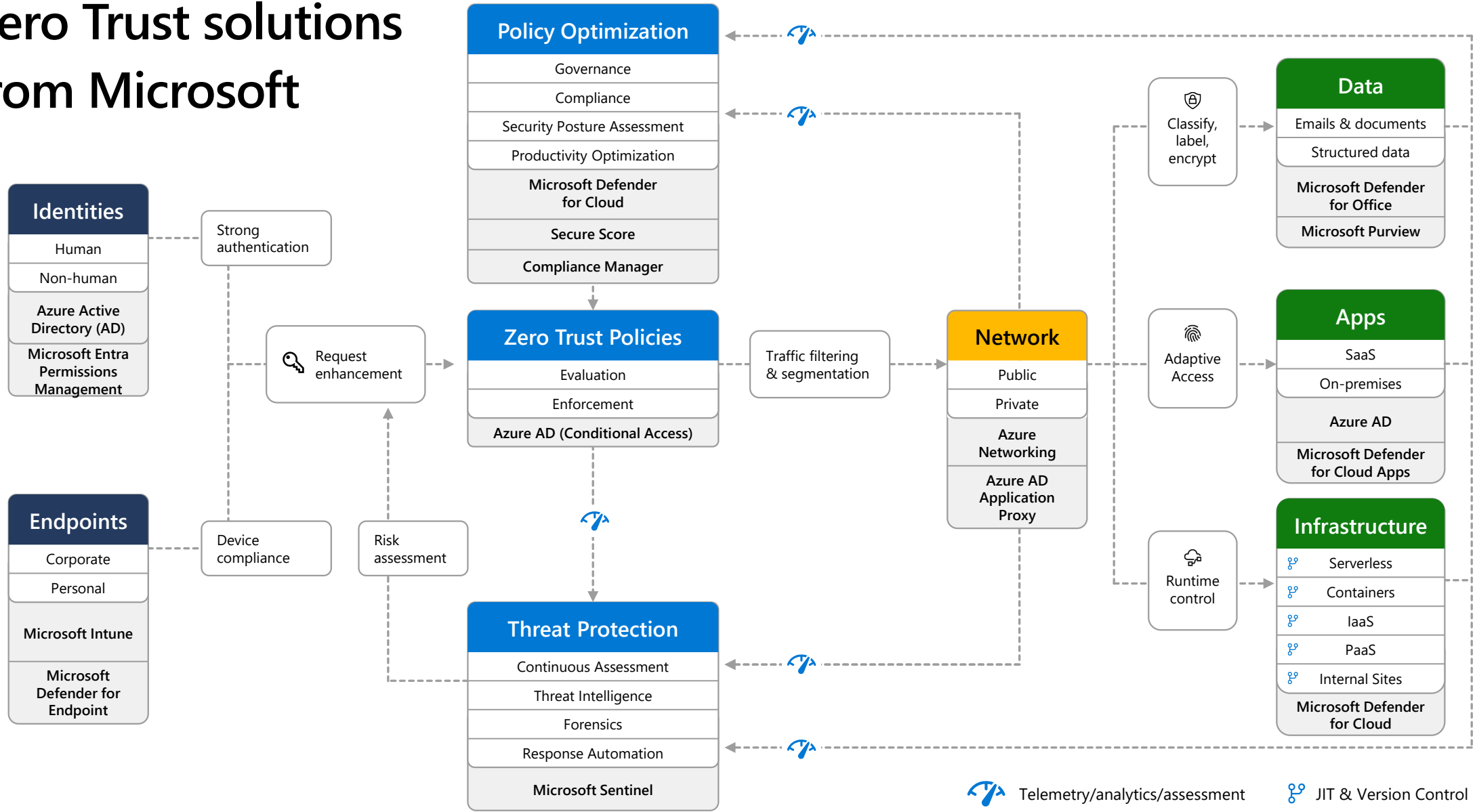
Zero Trust architecture



Zero Trust architecture



Zero Trust solutions from Microsoft



Why implement a Zero Trust strategy with Microsoft

Experience across many Zero Trust deployments

Comprehensive, end-to-end security

Pre-integrated solutions ready to go

Vast third-party ecosystem

Simplicity of a single guide for your Zero Trust journey



In Summary

- Criminals and nation state actors are **hunting you**
- You can't bring a **knife** to a **gun fight**
- **Focus** on what you're **good** at
- **Microsoft** can help you **level** the playing field
- Do **More** with **Less**

What is behind “sovereign” requests?

Security

Myth: “I secure my data in my data center instead of **risking cloud breaches**”

Fact: Hyperscale is now the **gold standard** in cybersecurity

Myth: “A US cloud provider won’t **protect my data from the US government**”

Fact: Sovereign Risk to Public Sector Enterprise data is **extraordinarily low**

In extreme cases, Microsoft technologies that can lower sovereign risk further

Resilience

Myth: “The cloud can’t maintain access to my workloads during **catastrophic events**”

Fact: Hyperscale uptime and SLAs **far exceed** on-prem data centers

Political and Natural Disaster risk are **extraordinarily low**

Military risk may vary by country, but **Geo-resilience risk** should also be considered

In extreme cases, hybrid cloud may lower resilience risk for limited workloads



What else is behind “sovereign” requests?

Residency

Myth: “Data residency in my country gives me security, jurisdiction and resilience”

Fact: Residency is not a security control

Fact: Residency does not affect jurisdiction

Fact: Residency does not ensure resilience

Economics

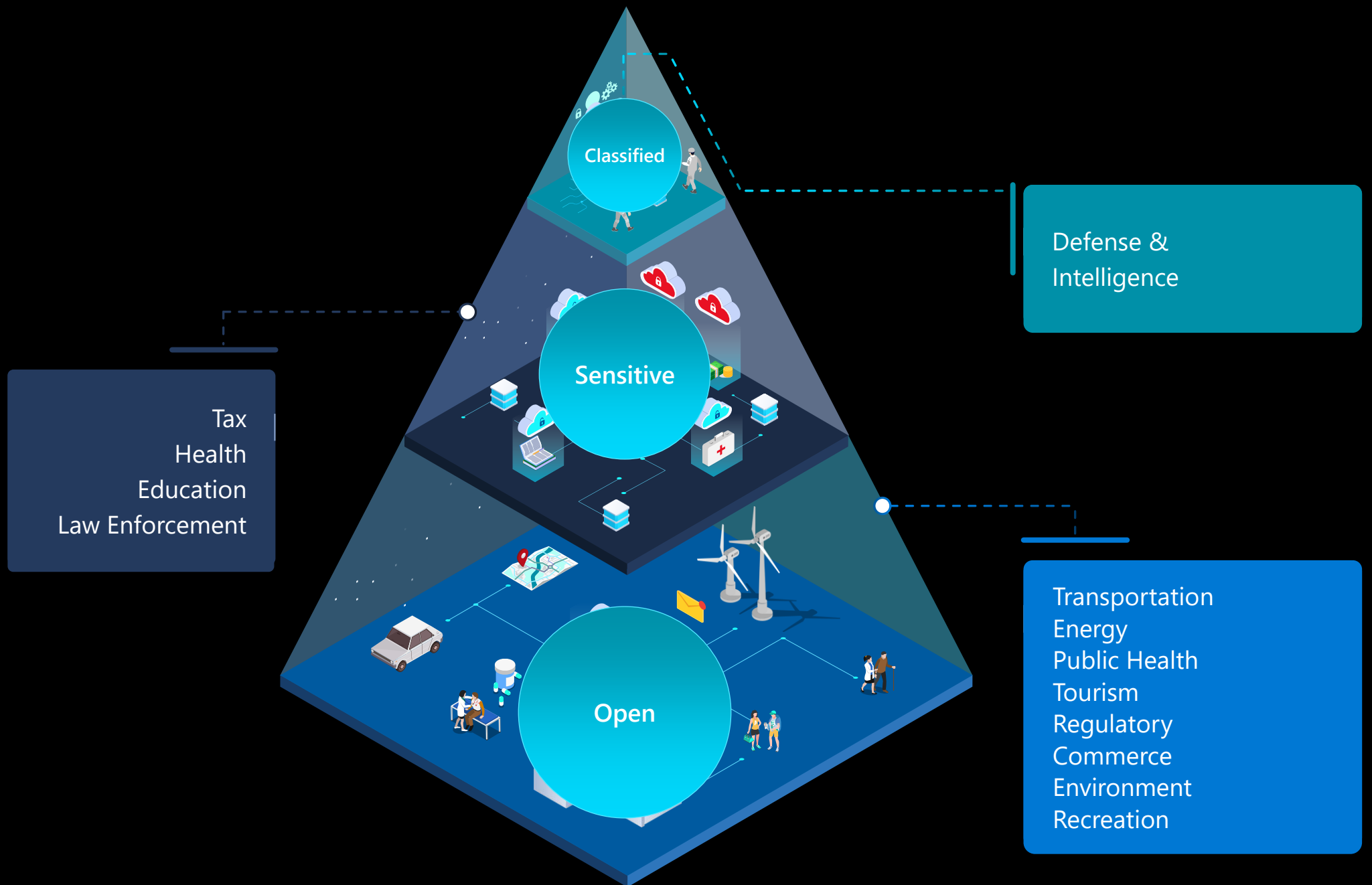
Myth: “Hosting my own data center is good for my economy”

Fact: Digital Transformation delivers economic benefit far **faster** in the hyperscale

In country investment and job creation is **very low** for data center hosting

Forward looking partners want to exit commodity hosting services and **move up the value chain** by leveraging innovation for digital transformation





Uncertain Sensitive

Tax
Health
Education
Law Enforcement

Concerns about:

Privacy
Regulatory Compliance
Sovereignty



What's changed



Digital Transformation Track Record

Collaboration, hybrid, work/life

Transformative citizen services

Predictive governance



International Relations

United States Executive Order and Attorney General's Recommendation

European Commission Adequacy Decision

Greenberg Traurig opinion



Transformation of Threat Environment

Rise of APTs and Nation State actors

Increase in sophisticated criminal gang activity

Targeting of Public Sector



Microsoft Corporate Commitment

European Union Data Boundary

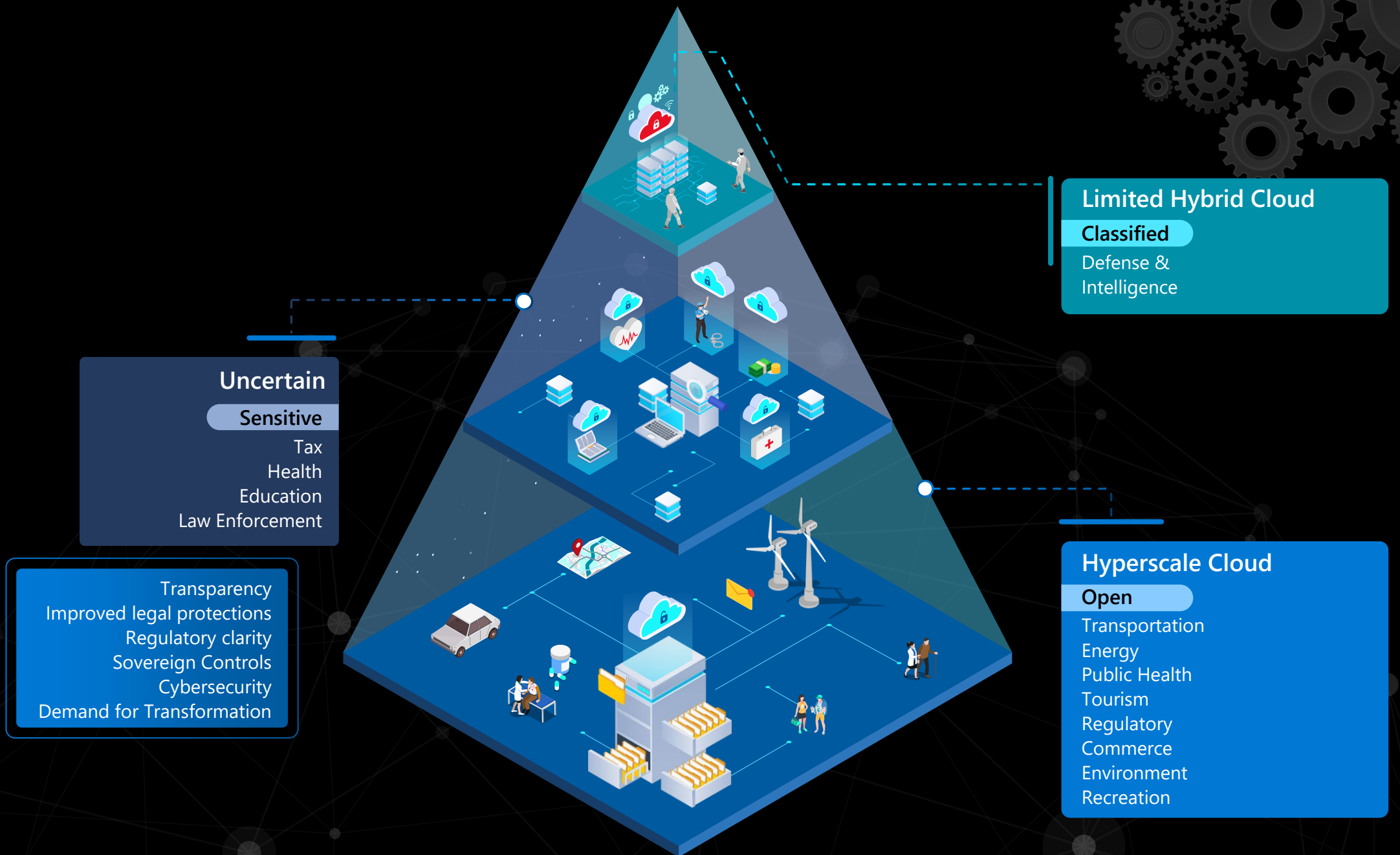
Legal process transparency

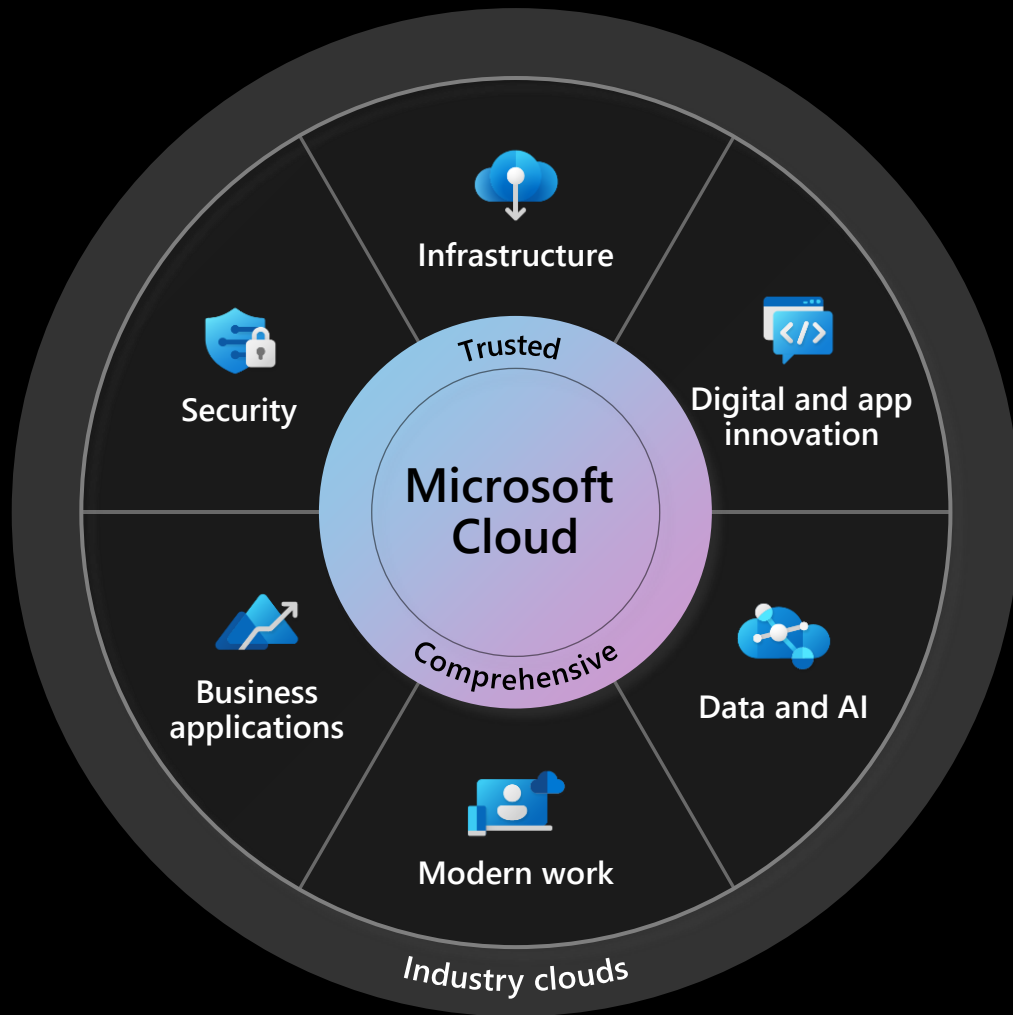


Technological Innovation

Increased policy transparency and contractual commitments

Additional Sovereign Controls






Microsoft Cloud in the era of AI

Transform citizen services
with new capability and accessibility

Advance public sector workforce productivity
with Copilot

Trust your data to
a responsible cloud provider

AI breakthroughs

- 
- A vertical timeline on a black background. A thin white vertical line runs down the center. Blue dots are placed at each year mark on the line. To the left of the line, the years are listed in blue. To the right, the breakthrough names are in white, with 'Human parity' in a smaller white font below each name.
- 2016 • **Object recognition**
Human parity
 - 2017 • **Speech recognition**
Human parity
 - 2018 • **Machine reading comprehension**
Human parity
 - 2019 • **Machine translation**
Human parity
 - 2020 • **Conversational QnA**
Human parity
 - 2021 • **Image captioning**
Human parity
 - 2021 • **Question Answering**
Human parity

AI innovation

January ●

Azure OpenAI Service becomes generally available
Microsoft extends our partnership with OpenAI

February ●

Teams Premium with GPT becomes generally available
Viva Sales adds generative AI capabilities
Microsoft announces the new Bing and Edge
Microsoft announces Bing momentum and Skype Copilot
Windows 11 updates bring AI-powered Bing to the taskbar

March ●

LinkedIn introduces collaborative articles
Microsoft introduces Dynamics 365 Copilot
Florence comes to Azure Cognitive Services for Vision
Azure OpenAI Service adds ChatGPT capabilities
Microsoft announces powerful new virtual machines
LinkedIn adds new AI-powered capabilities
Microsoft introduces Microsoft 365 Copilot
Microsoft introduces Copilot for Power Platform
Nuance introduces DAX Express
Azure OpenAI Service adds GPT-4
Bing Image Creator comes to the new Bing
GitHub introduces GitHub Copilot X
Microsoft introduces Microsoft Security Copilot

Empowering every organization with Azure AI

Azure OpenAI Service

Large foundation AI models enriched with your parameters and your data

[Learn more](#)

Azure Cognitive Services

Family of cognitive APIs for vision, speech, language, and decision making

[Learn more](#)

Azure Machine Learning

Build, deploy, and manage high-quality models faster and with confidence

[Learn more](#)

Azure AI Infrastructure

Purpose-built AI supercomputing infrastructure for accelerating innovation

[Learn more](#)

A copilot for every Microsoft Cloud experience

Microsoft 365 Copilot

Works alongside you in the apps
you use every day

Dynamics 365 Copilot

Turbocharge your workforce with
a copilot for every job role

Copilot in Power Platform

Imagine it, describe it, and Power
Platform builds it

Microsoft Security Copilot

Defend at machine speed with
Microsoft Security Copilot

Windows Copilot

The first centralized AI assistance
on a platform

GitHub Copilot

Increase developer productivity
to accelerate innovation

Microsoft Security Copilot

The first and only generative AI security product to help defend organizations at machine speed and scale.



Enables response in
minutes, not hours



Simplifies the complex with
natural language prompts
and easy reporting



Catches what others
miss with deeper
understanding of events



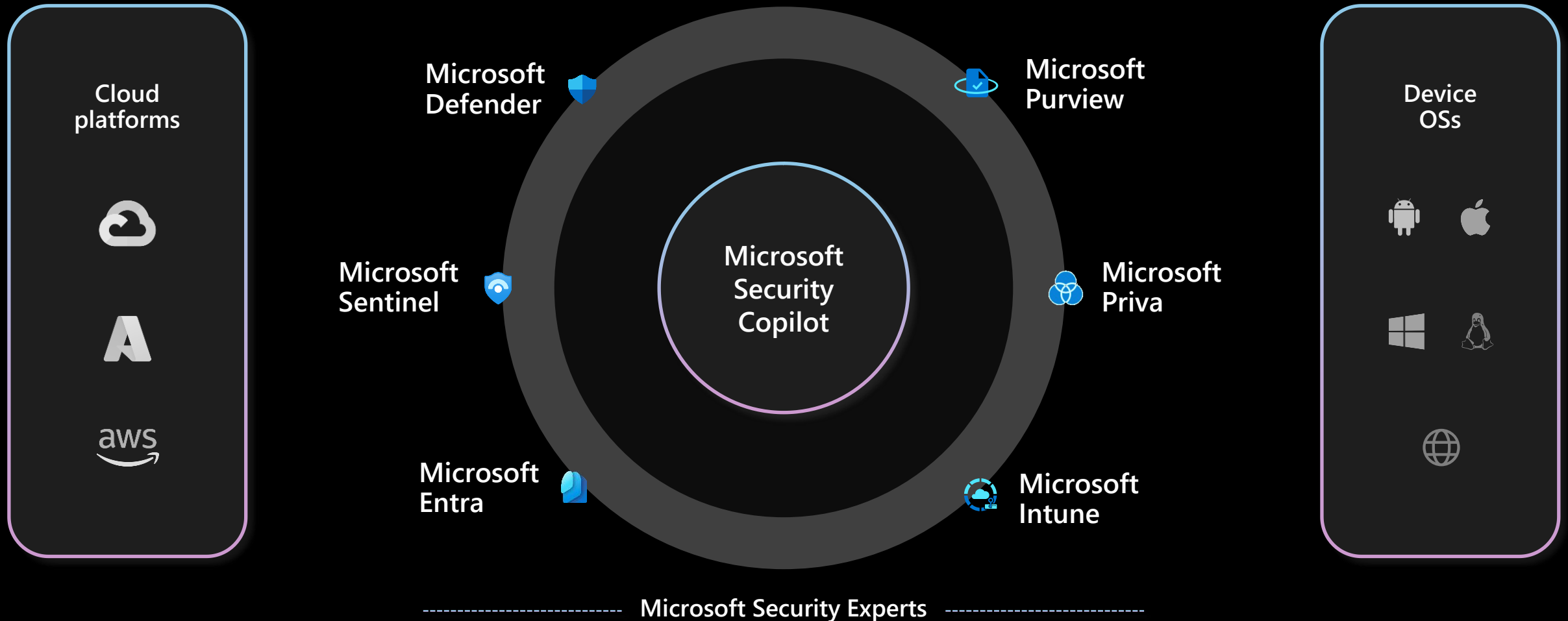
Addresses talent
shortage by extending
human expertise

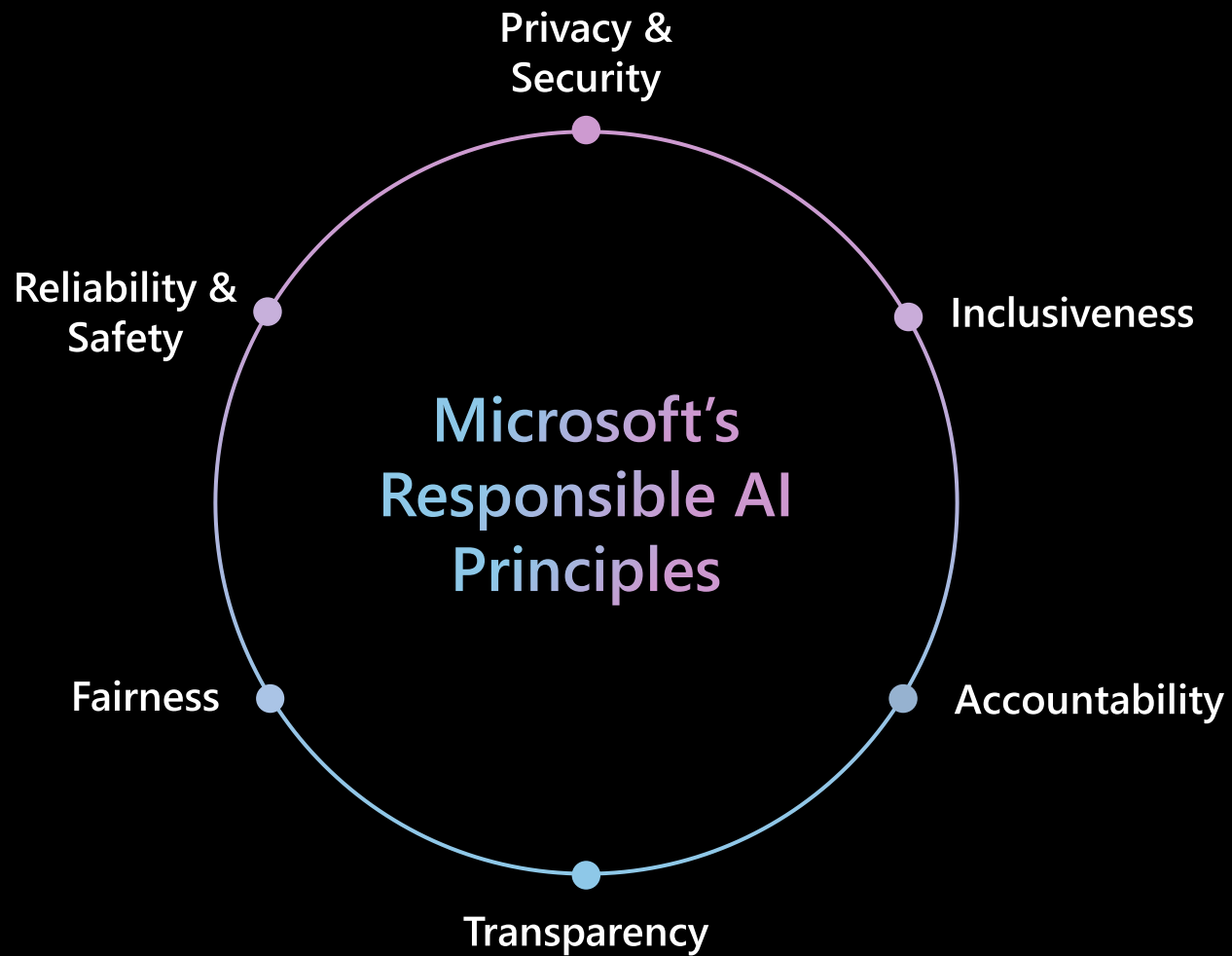


Announcing

Microsoft Security Copilot

Defend at machine speed with Microsoft Security Copilot





Building blocks to enact principles



Tools and processes



Training and practices

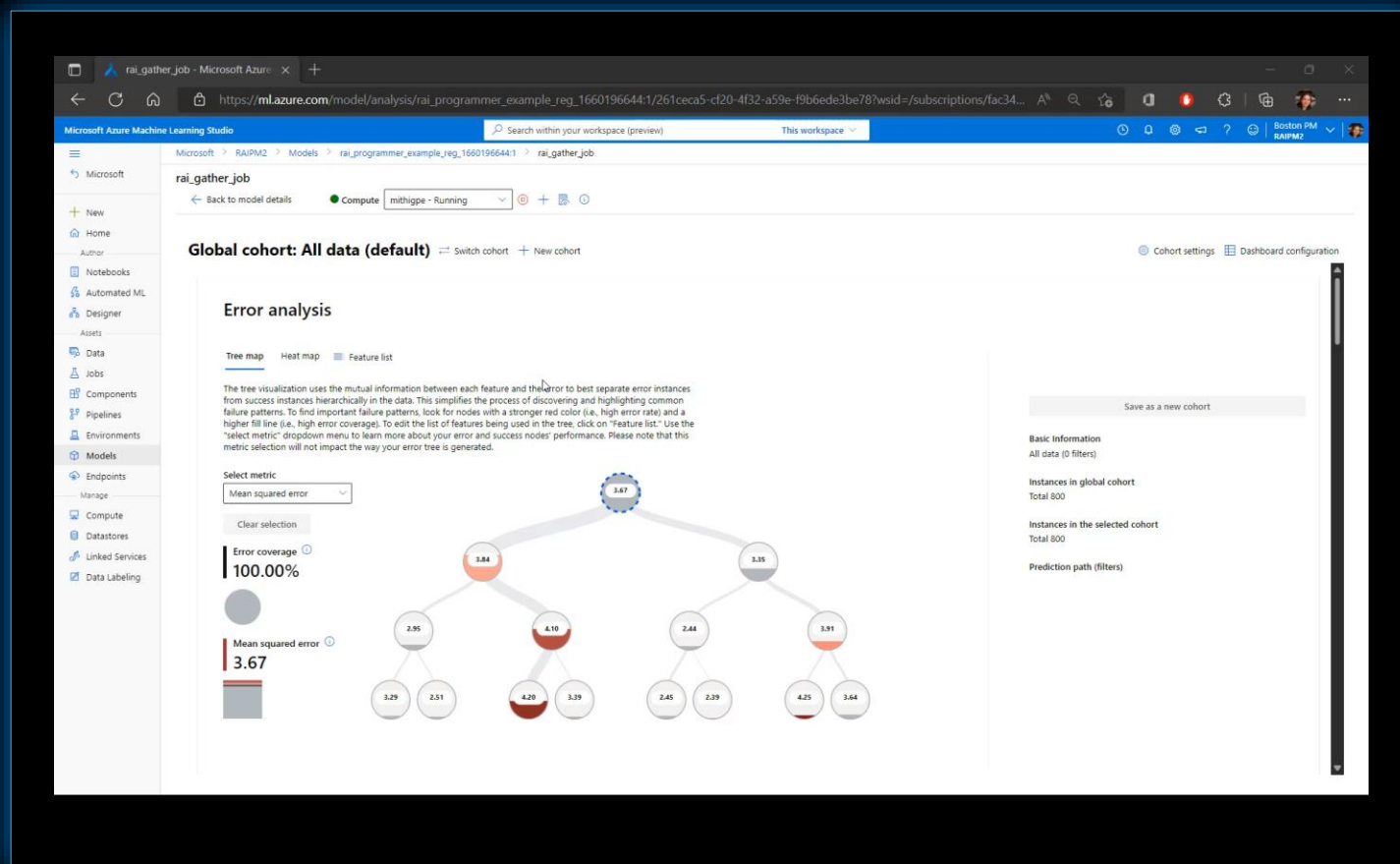
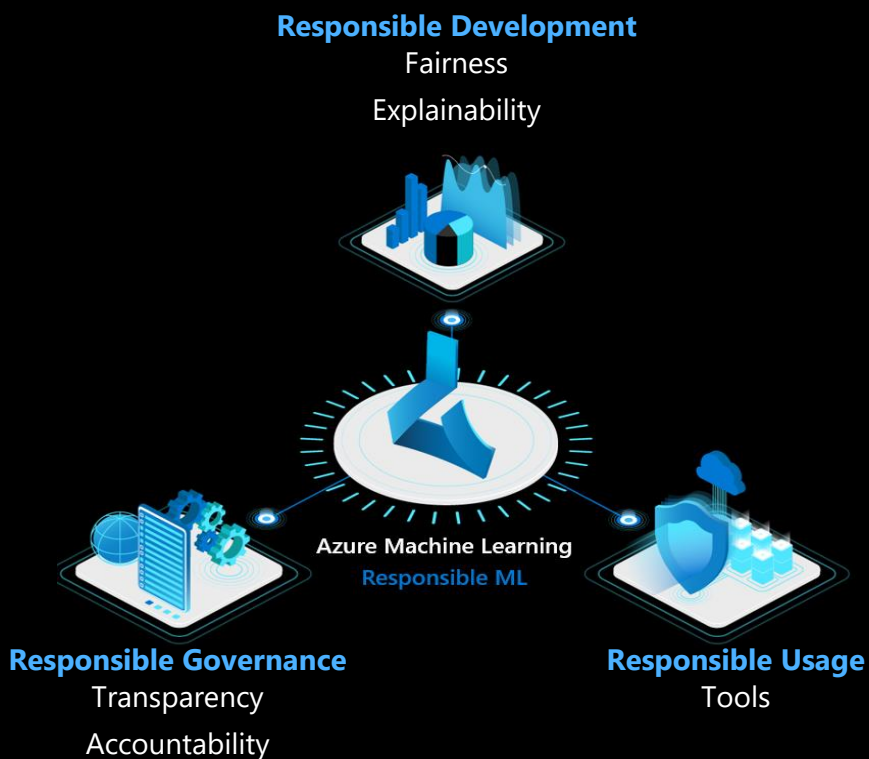


Rules



Governance

Responsible AI Dashboard in Azure Machine Learning



Announcing

Azure AI Content Safety Service

Detect and assign severity
scores to unsafe content

Works on human/AI
generated content

Integrated across
Azure AI

Available in Preview

Azure AI Content Safety

AI-powered content moderation



Introducing Azure AI Content Safety

Azure AI Content Safety uses AI to help you create safer online spaces. With nuanced, cutting edge AI models, it can detect hateful, violent, sexual, and self-harm content and assign it a severity score, allowing businesses to prioritize what content moderators review. Plus, its multi-lingual models enable it to understand many languages simultaneously.

[Configure filters](#) [Use blocklist](#) [View code](#)

Set the severity thresholds for each category and select Run test to see how the results change.

[Reset to default](#)

Severity ⓘ	SAFE	LOW	MEDIUM	HIGH
Violence ⓘ	✓	✓	✗	✗
Self-harm ⓘ	✓	✓	✗	✗
Sexual ⓘ	✓	✓	✗	✗
Hate ⓘ	✓	✓	✗	✗

1

Azure AI Content Safety classifies harmful content into four categories:



Hate



Sexual



Self-harm



Violence

2

Next, it returns a severity level for each category from 0 – 6:

Hate: 0 – 2 – 4 – 6
Sexual: 0 – 2 – 4 – 6
Self-harm: 0 – 2 – 4 – 6
Violence: 0 – 2 – 4 – 6

3

Then, it surfaces content based on the severity level:

High risk: Auto blocked
Medium risk: Sent to moderator and prioritized by risk level, topic, and user reputation
Low risk: Auto approved

Update

Azure OpenAI Service

GPT-3

Codex

DALL·E

ChatGPT

GPT-4



Deploy on your
own data

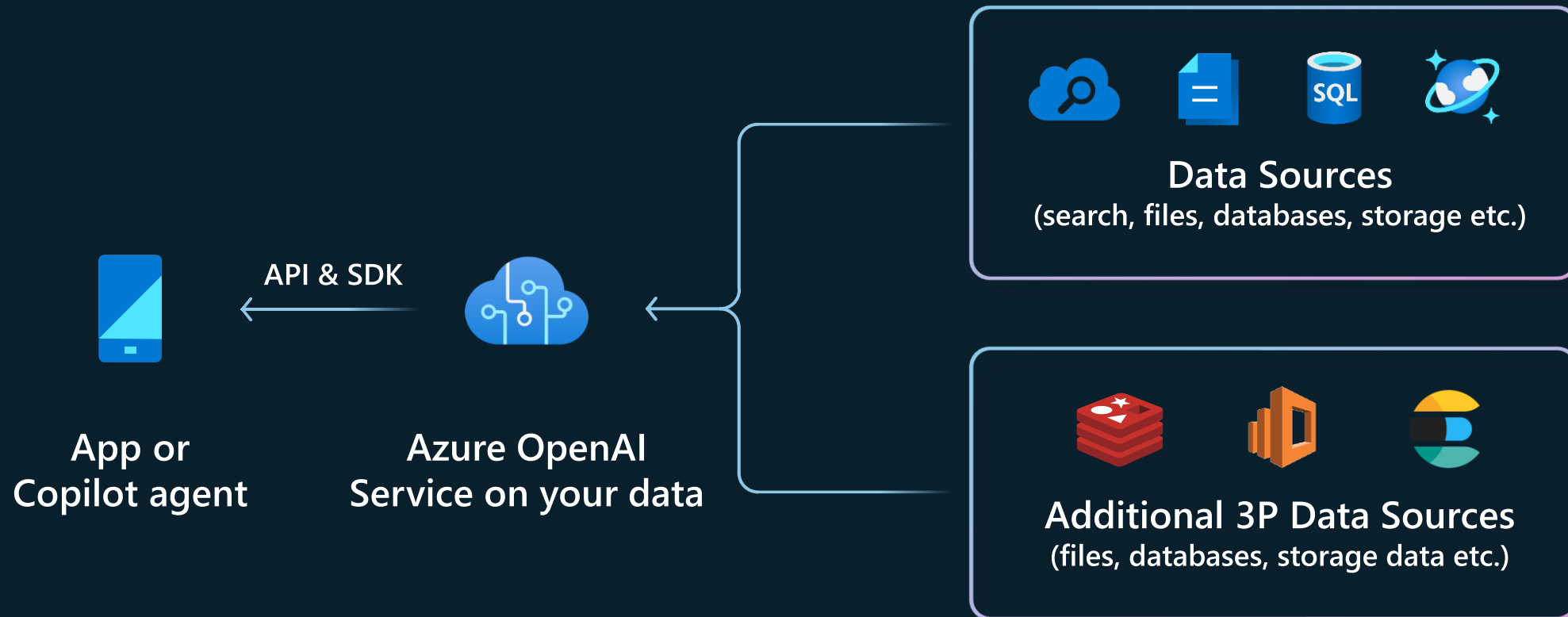


Provisioned
Throughput
Model



Plugins for
Azure OpenAI
Service

Azure OpenAI Service on your data



Azure AI

AI you can trust

Your data is your data

Your AI instance
is isolated from every other customer

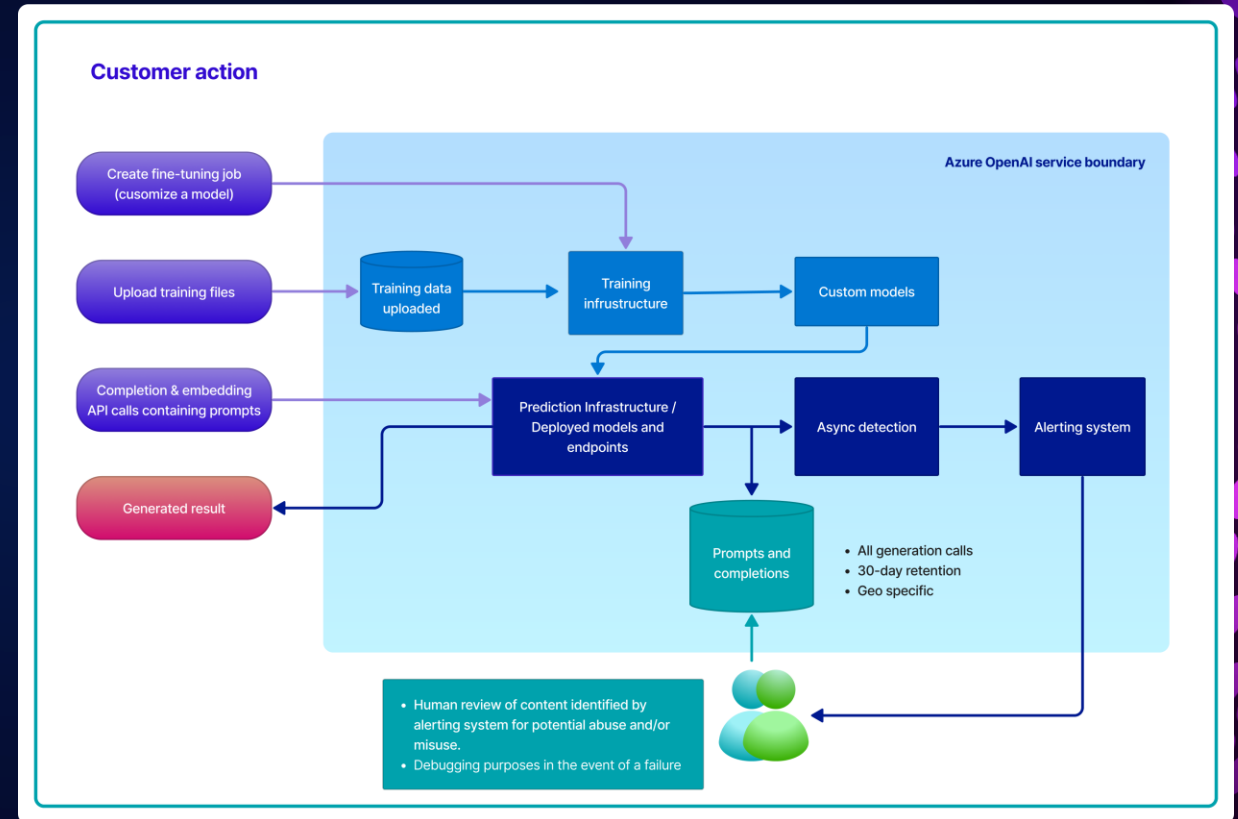
Your data is not used to train
the foundation models

Your data is protected by
the most comprehensive enterprise
compliance and security controls

Privacy and Security in Azure OpenAI Service

<https://learn.microsoft.com/en-us/legal/cognitive-services/openai/data-privacy>

- Authorized Microsoft employees will have access to **prompts and responses** that triggered automated systems for the purpose of investigating and verifying **potential abuse**
- You can request the ability to **opt out** of both data logging and the human review process. This allows trusted users with low-risk scenarios to have the data and privacy controls they need
- Additional training data uploaded can be stored and **encrypted** at rest with Microsoft Managed keys or Customer Managed Keys
- Azure OpenAI has consistent **terms** with other Azure AI Services



Azure OpenAI Service | Capabilities & Use Cases in Government



Content Generation

Drafting correspondence in public entities

Process automation meets natural language



Summarization

Call Center support automation

Data summaries based on human-language prompts

Enhance audit management, clearance and inspection



Code generation

Support writing code to accelerate development work within Government workforce

Code documentation

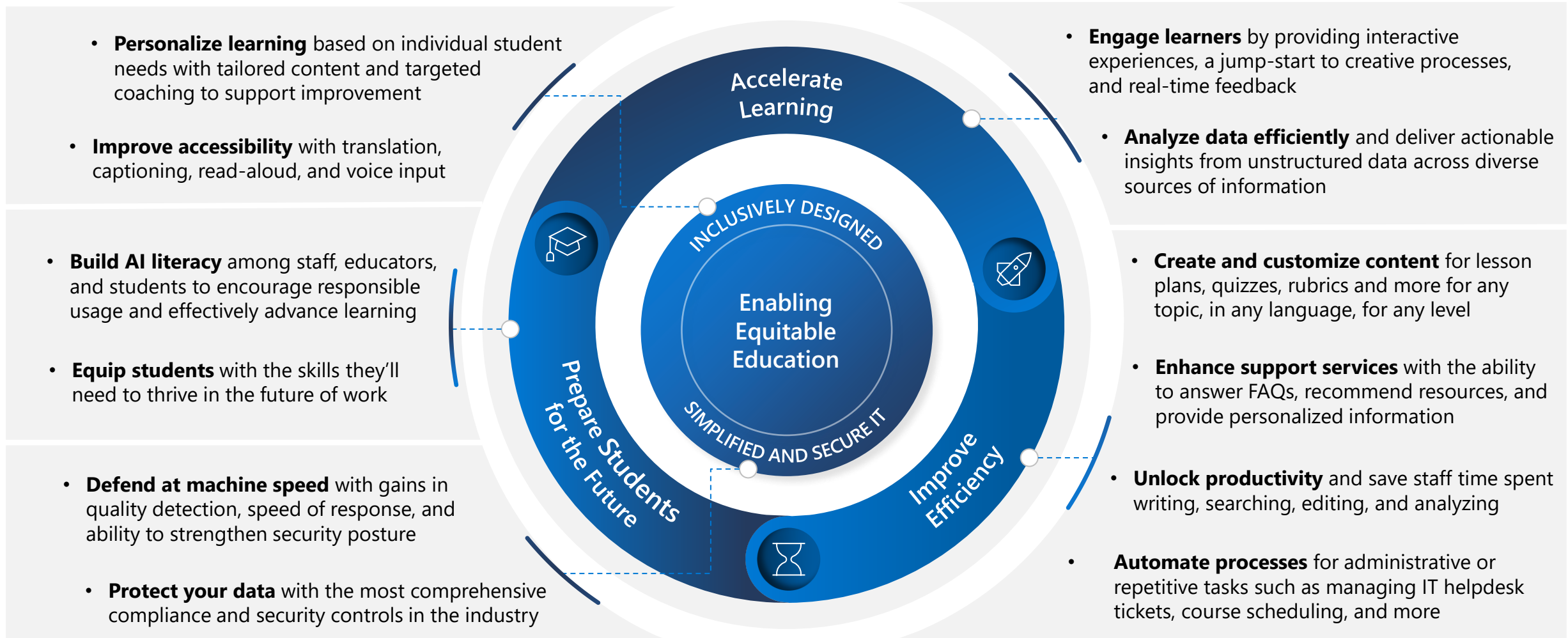


Semantic Search

Knowledge management for cross department collaboration

Assist the public with complex forms and processes

Opportunities for AI in Education



4

What are your reflections from today?

1. What questions are outstanding?
2. What concerns do you have?
3. What's the biggest opportunity in your country?