

Microsoft Cloud for Sovereignty

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Transformation helps governments perform better and drive growth

Harnessing digital technologies enables governments to:



Engage and support constituents



Increase productivity



Foster innovation



Realize cost savings

Digital transformation at scale and at pace
requires the right policies



Hyperscale cloud is key to digital transformation

Cloud offers benefits beyond Cost Savings, Redundancy, Resilience and Scalability.



Agility – Reduce the cost of failure



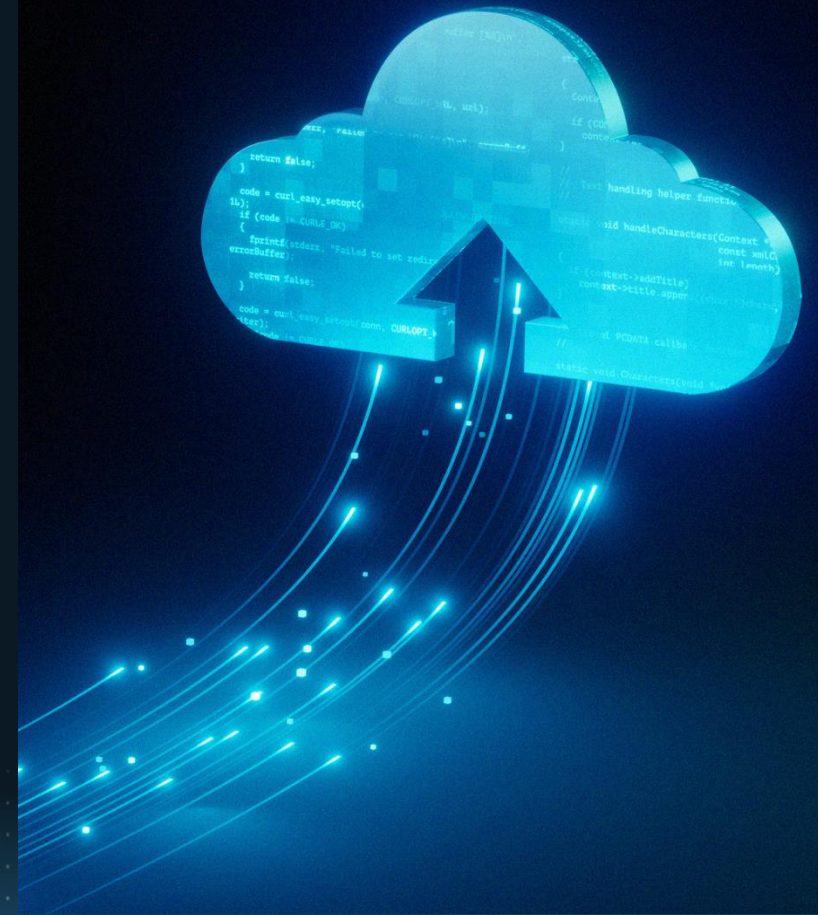
Innovation – New technologies now come **first** to the cloud and soon will come **only** to the cloud



Cybersecurity – Hyperscale threats require Hyperscale protection



Compliance – Software-defined constraints, monitoring and auditing, adaptability to new compliance requirements



With digital transformation, there are more concerns

Organizations want to safely leverage the benefits of the cloud, AI, and IoT, but...



Governments want control over their data



Demand for privacy is increasing



New regulations on technology



Ethical implications of AI are being studied



Cloud Value vs Control Burden



Hyperscale Cloud



Hybrid Cloud
(connected)



Hybrid Cloud
(disconnected)

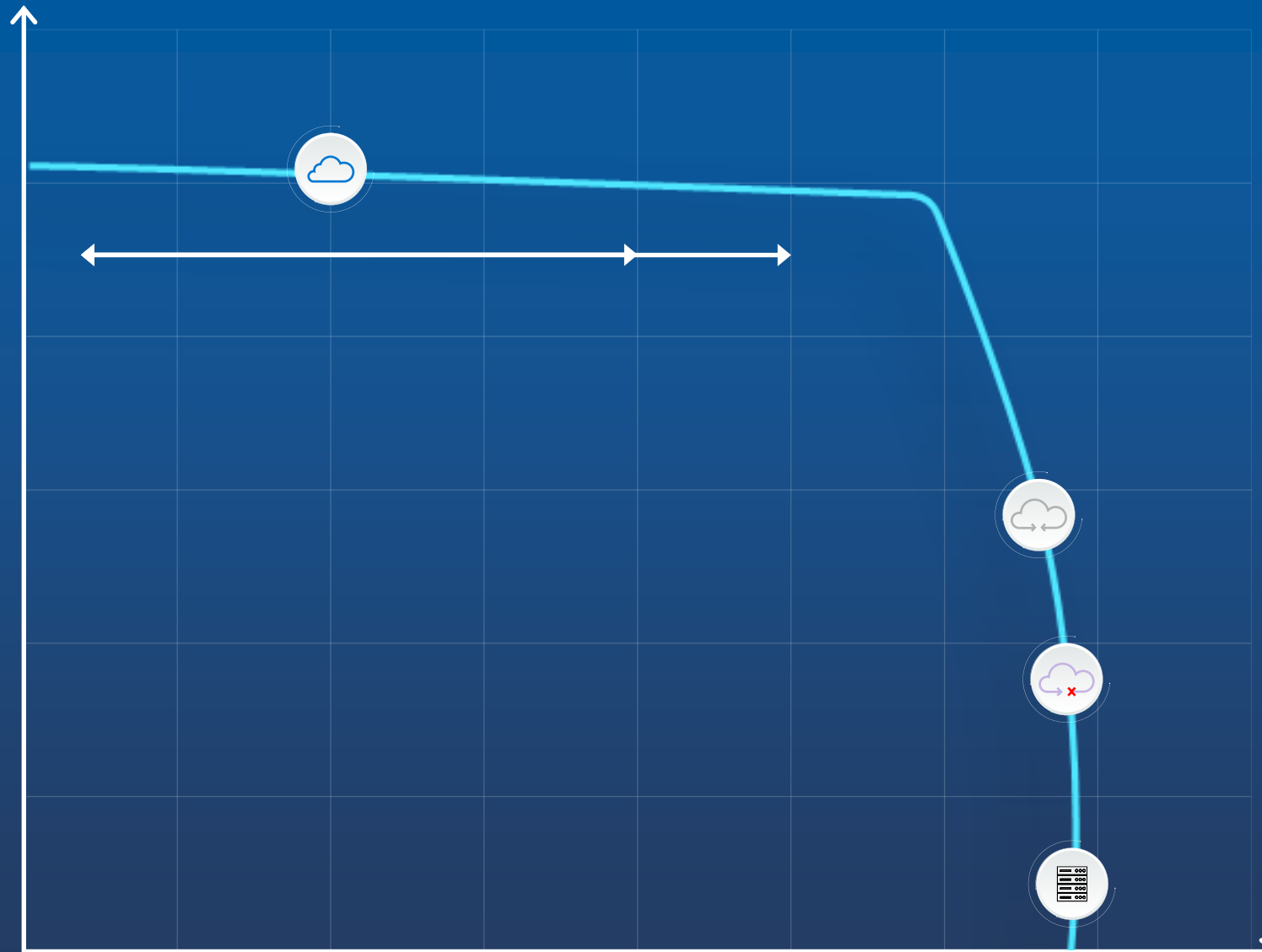


On-premise

LEGEND

CLOUD VALUE

(Scalability, Innovation, Cybersecurity, Reliability, Compliance, Cost Savings, Agility, Managed, Redundancy, Economic Benefit)



CONTROL BURDEN

(Sovereignty, Autarky, Residency, Operations)

Microsoft Cloud for Sovereignty | Value Proposition

Helps enable
regulatory
compliance:



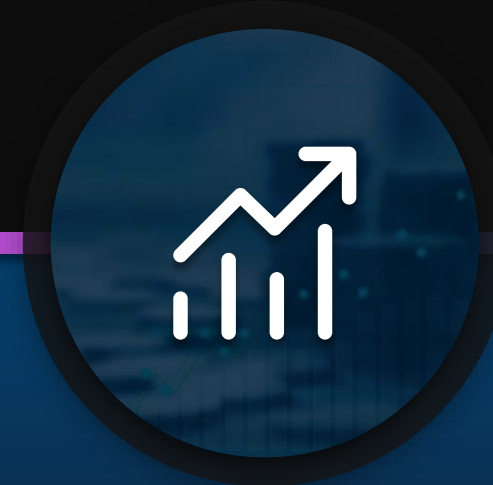
Help ensure compliance with future regulatory changes using sovereign guardrails and controls in your cloud environment.

Easily use with all
your Azure
workloads:



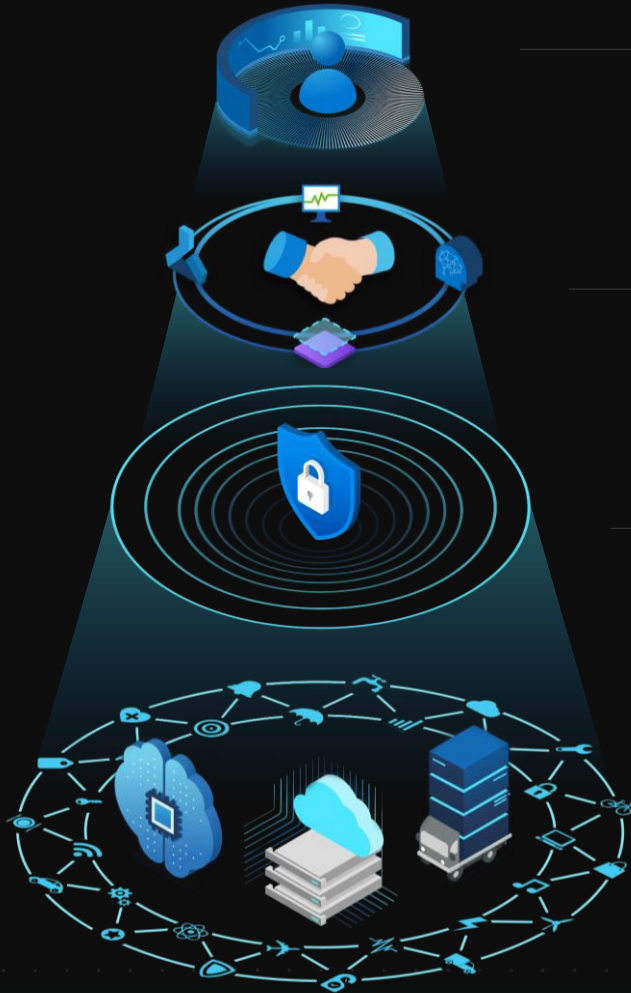
Apply your sovereign controls and guardrails quickly and easily to all Azure workloads, no manual configuration required.

Reduce perceived
risk of cloud
adoption:



Provide public sector customers with a future-proof solution that helps reduce the risk perception associated with cloud adoption.

Microsoft Cloud for Sovereignty



Sovereign Control Portfolio

Protect workloads from outside access using advanced sovereignty and encryption controls such as confidential computing and cloud HSMs.

Sovereign Guardrails & Guidance

Get access to codified architectures, workload templates, and tooling to assist in creating compliant architectures and answer sovereign questions.

Compliance & Transparency

Ensure local compliance with policy packs for your region and increased transparency over—and into—your environment's operations.

Public Cloud Capabilities

Get the innovation, scale, and security of the public cloud, with capabilities significantly beyond private or on-prem datacenters.

Data Residency

60+ Azure regions for local data residency, + EU data boundary



Microsoft Cloud
for Sovereignty

Sovereign Control Portfolio

Azure Confidential Computing

Sovereign Tooling

SQL Always Encrypted

Managed HSMs

Azure Policy

Azure Monitor

Sovereign Guardrails & Guidance

Reference Architectures

Sovereign Landing Zones

Policy Initiatives

Orchestrate deployment, configuration, monitoring and management

Compliance & Transparency

Operator Logs

Government Security Program

Right to audit

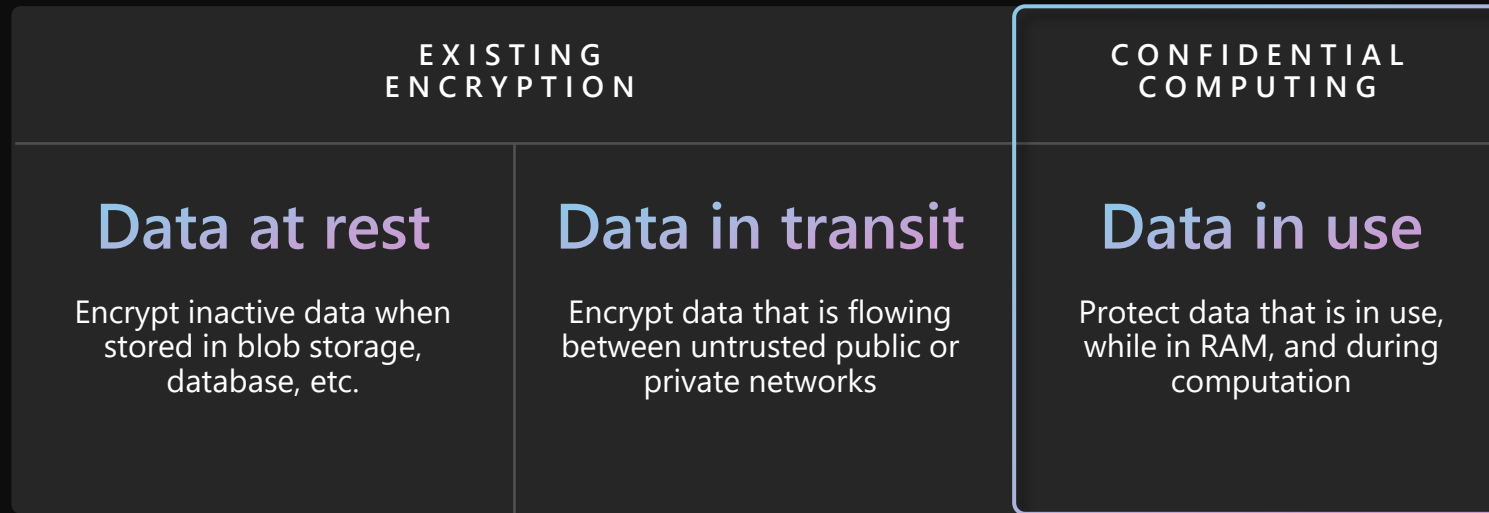
Public Cloud Capabilities

60+ Azure Regions

Azure Services

Provides Local Data Residency and the resiliency and connectivity of a hyperscale cloud

Data protection through encryption



In Azure, confidential computing means...

A hardware root-of-trust, customer verifiable remote attestation, and memory encryption

PROTECT AGAINST

Malicious

privileged admins
or insiders

Hackers

exploiting bugs in the
Hypervisor/OS

Third parties

accessing data without
customer consent

Microsoft Cloud for Sovereignty | Generally Available Today

Microsoft Cloud for Sovereignty became generally available [in December 2023](#) with key components of the offering vision, including:

- The [Sovereign Landing Zone](#) (SLZ), provides opinionated, easy to deploy, repeatable infrastructure-as-code to help meet sovereignty and regulatory compliance requirements for the public sector and government agencies.
- [Sovereignty Baseline policy](#) is a special set of built-in Azure Policy initiatives meant to supplement the environments with sovereignty controls, like data residency, key management and customer managed keys, and confidential computing.
- Policy for [Italy's ACN requirements](#), [Netherlands BIO regulation](#), and [CSA Cloud Controls Matrix \(CSA CCM v4\)](#) which help customers more easily monitor, guard and report on their compliance in Azure.
- [Transparency Logs](#) provide customers with visibility into instances when Microsoft engineers temporarily access their subscriptions for customer support or service reliability issues.
- [Automated workload templates](#) for Azure Confidential Computing and Azure Lighthouse as examples for building workloads using these technologies for sovereign environments to speed learning and adoption.
- Technical documentation and guidance on [Microsoft Learn](#), integrated with WAF, CAF, and guidance around workload migration to address sovereign needs.
- Additional Azure services in the GSP program, including Azure Fabric Controller and Azure Virtual Desktop.

Questions?



Thank You!

