

Resilienz mit der Microsoft Sovereign Cloud und unseren Rechenzentren in Österreich

Florian Slezak – Cloud Region Lead EMEA

## Centre on Regulation in Europe CAN THE EU RECONCILE DIGITAL SOVEREIGNTY AND **ECONOMIC COMPETITIVENESS?** ISSUE PAPER September 2025 Zach Meyers

Macron Vows Retaliation If Europe's

Digital Sovereignty Attacked

**Bloomberg** 

### **POLITICO**

#### Europe wants to free itself from US tech. Can it?

By DANIELLA CHESLOW and MATHIEU POLLET | 05/07/2025 04:34 PM EDT

Presented by Ctia

With help from Anthony Adragna and Derek Robertson



#### EU to block Big Tech from new financial data sharing system

Germany argues groups such as Apple and Meta are excluded to protect Europe's 'digital



### The boss of SAP on Europe's botched approach to digital sovereignty

It's time to prioritise code over concrete, writes Christian Klein



ILLUSTRATION: SAMUEL KERR

Aug 25th 2025 | 4 min read



Europeans seek 'digital sovereignty' as **US tech firms embrace Trump** 



### Frankfurter Allgemeine **Europas dritte Chance**



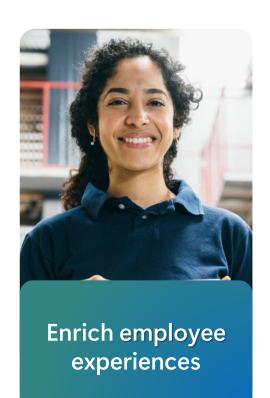
### **POLITICO**

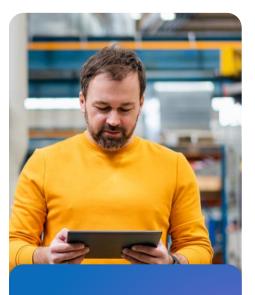
**EU resists Trump: Tech** regulation is our 'sovereign' right

U.S. president launches attack on Europe's digital rules, drawing opposition from Brussels.



# AI & Cloud became central to all companies and organizations.

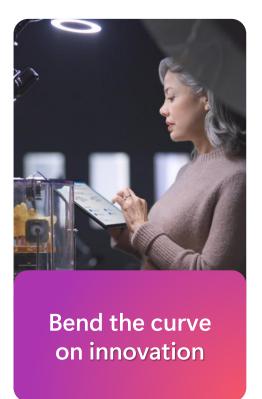




Reinvent customer engagement



Reshape business processes





## What Copilot says about Sovereignty



- **DATA Sovereignty**: Ensures **sensitive data stays** within the business' control and under local legal protection.
- <u>SERVICES Sovereignty</u>: Guarantees that digital services remain
   operational and governed locally, even in the face of external pressures
   or technical disruption."







## Digital sovereignty

**Digital sovereignty** is the capability to participate in the digital economy securely, independently and with selfdetermined controls.

### Our approach to digital sovereignty



**Available to all:** Digital sovereignty is a foundational capability of Microsoft services.



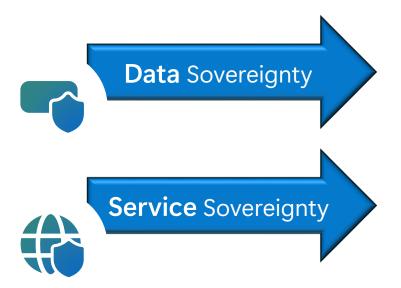
Workload dependent: Sovereign control requirements vary based on sensitivity and criticality.



Well-governed controls: Delivered through technical, contractual, and operational measures.

## 3 Measures to Implement Sovereignty for all Requirements

### You want...



### We offer...



**Guidances** and Reference **Architectures**  We always stand at the side of our customers



Microsoft rusuccess der maintaining opportunit the most sthat the w





## Microsoft Sovereign Public Cloud

Investments in operational and technical controls

Operational controls

Advanced Data Residency for Microsoft 365 / EU Data Boundary

**Data Guardian** 

Regulated Environment Management

Technical controls

**Azure Key Vault Premium** 

**Azure Key Vault Managed HSM** 

**External Key Management** 

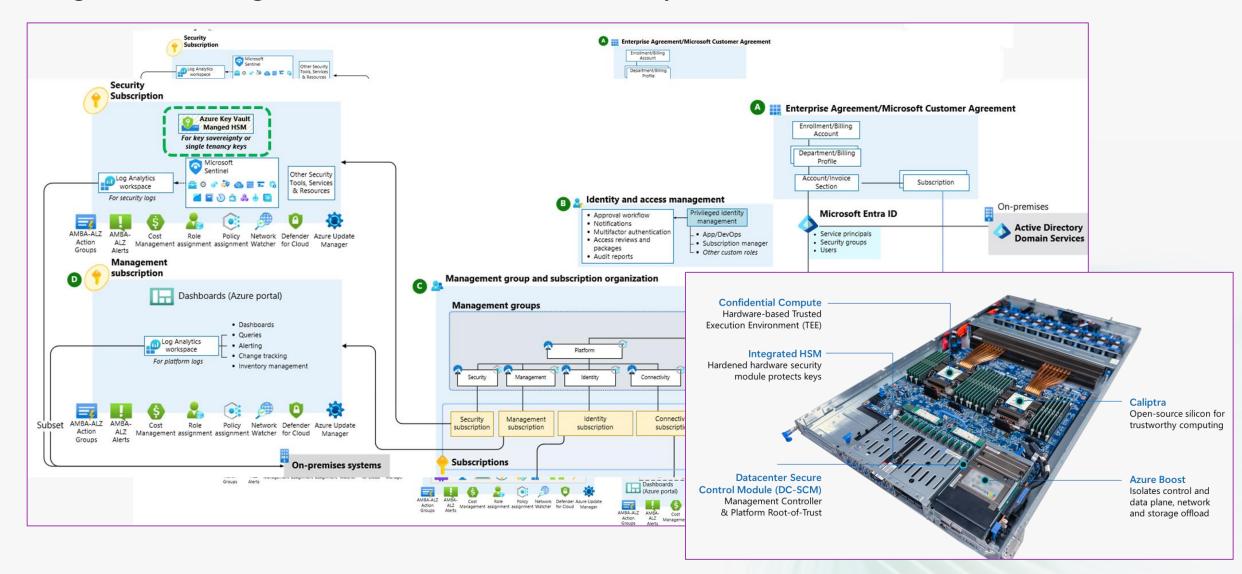
**Sovereign Landing Zones** 

**Customer Lockbox** 

**Azure Confidential Computing** 

## Controls at every layer of the stack

integrated in landing zone architectures and hardware specifications



### Azure covers over 100 compliance offerings

Azure has the deepest and most comprehensive compliance coverage in the industry

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- ISO 27001:2013
- ISO 27017:2015
- ISO 27018:2014

FedRAMP High

FedRAMP Moderate

- ISO 22301:2012
- ISO 9001:2015
- ISO 20000-1:2011

- ✓ SOC 1 Type 2
- SOC 2 Type 2
- SOC 3
- ✓ CIS Benchmark

- ✓ CSA STAR Certification
- **CSA STAR Attestation**
- CSA STAR Self-Assessment
- WCAG 2.0 (ISO 40500:2012)

### Gov NS

Industry

- GLBA (US)

EAR

ITAR

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- FFIEC (US)
- ✓ SEC 17a-4 (US)
- SOX (US)

- DoD DISA SRG Level 5
- DoD DISA SRG Level 4
- DoD DISA SRG Level 2
- **DFARS**

- ✓ DoE 10 CFR Part 810
- NIST SP 800-171
- NIST CSF
- ✓ Section 508 VPATs

- ☑ FIPS 140-2
- CJIS
- ✓ IRS 1075
- ✓ CNSSI 1253

- PCI DSS Level 1

- Shared Assessments (US)
- CFTC 1.31 (US)
- FINRA 4511 (US)

- 23 NYCRR 500 (US)
- OSFI (Canada)
- FCA + PRA (UK)
- APRA (Australia)
- FINMA (Switzerland)
- FSA (Denmark)
- RBI + IRDAI (India)
- MAS + ABS (Singapore)

- ✓ NBB + FSMA (Belgium)
- AFM + DNB (Netherlands)
- AMF + ACPR (France)
- KNF (Poland)
- European Banking Authority (EBA)
- FISC (Japan)
- HIPAA BAA (US)
- HITRUST Certification

- ✓ GxP (FDA 21 CFR Part 11)
- MARS-E (US)
- NHS IG Toolkit (UK)
- NEN 7510:2011 (Netherlands)
- ✓ FERPA (US)
- CDSA
- MPAA (US)
- ✓ FACT + DPP (UK)

# Regional

- Argentina PDPA
- Australia IRAP Unclassified
- Australia IRAP PROTECTED
- Canada Privacy Laws
- China GB 18030:2005
- China DJCP (MLPS) Level 3

- China TRUCS / CCCPPF
- EU EN 301 549
- **EU ENISA IAF**
- **EU Model Clauses**
- ☑ EU US Privacy Shield ☑ GDPR

- Germany C5
- Germany IT-Grundschutz workbook
- India MeitY
- Japan CS Mark Gold
- Japan My Number Act
- Netherlands BIR 2012

- New Zealand Gov CIO Framework
- Singapore MTCS Level 3
- ✓ Spain ENS High / DPA
- ☑ UK Cyber Essentials Plus
- ☑ UK G-Cloud
- UK PASF

# Run your cloud public and private for special cases – seamlessly integrated

### Sovereign controls

# Sovereign Private Cloud

Hybrid or disconnected cloud services on customer infrastructure

Supports building solutions on cloud services that are portable across public and private environments in case requirements change

# Sovereign Public Cloud

Technical, operational and contractual controls built into Microsoft Cloud services to meet digital sovereignty requirements

Continuous innovation and improvements without the need for re-design or migration

Consistent infrastructure management and development platform

## Microsoft Sovereign Private Cloud

Technical controls and capabilities for hybrid or disconnected environments to meet resiliency and business continuity requirements – "Plan B" scenarios

### Sovereign **Private Cloud**

Hybrid or disconnected cloud services on customer infrastructure

Supports building solutions on cloud services that are portable across public and private environments in case requirements change

### **Azure Local**





### Fully customer-owned, customer-controlled infrastructure

Extends Azure to fully customer-owned or regulated environments enabling complete jurisdictional and operational control



### Wide range of Arc-enabled services and workloads run on-premises

Azure-consistent, Arc-enabled VMs, AKS, AVD and AI workloads run completely onpremises without any data sent outbound



### **Azure-consistent control** plane connected to Azure or completely disconnected

Simplified monitoring, management and updates available through Azure portal and tooling, both connected to Azure and disconnected













### **Enables Microsoft 365 productivity** workloads on Azure Local

Enables Exchange Server, SharePoint Server and Skype for Business Server for Sovereign Private Cloud



### Simplified and integrated management on certified hardware solutions

Benefit of running productivity workloads in an Azure-aligned environment with Azure infrastructure management benefits

## Microsoft global infrastructure

Sovereign Public Cloud

Technical, operational and contractual controls built into Microsoft Cloud services to meet digital sovereignty requirements

Continuous innovation and improvements without the need for re-design or migration

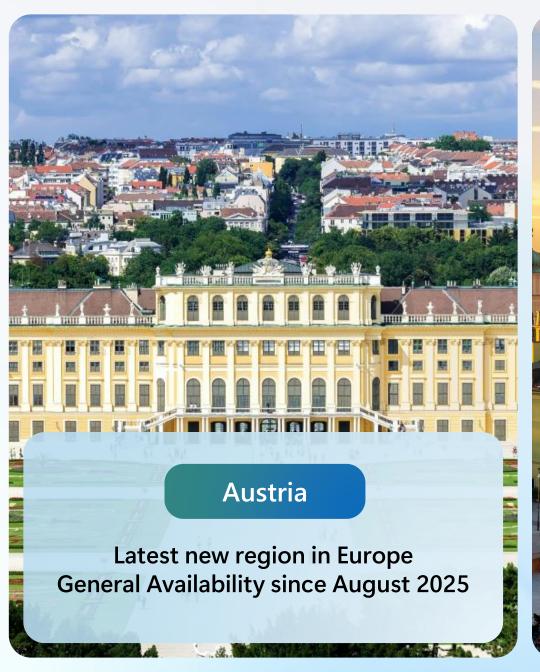


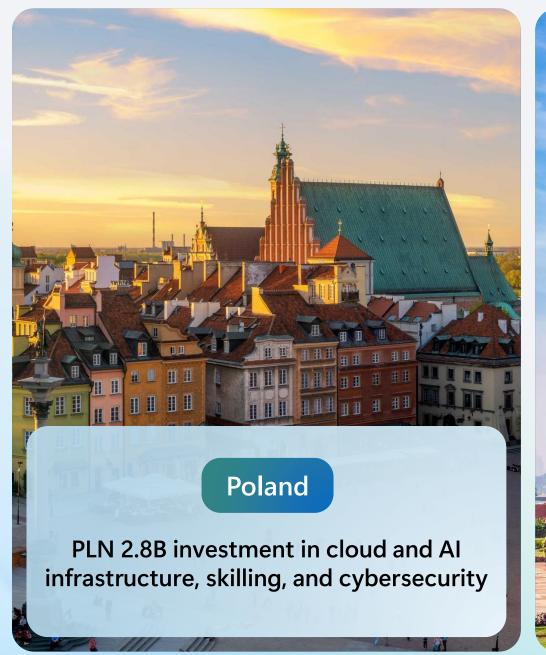
70+

400+

**Azure regions** 

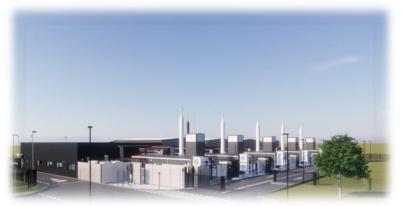
**Datacenters** 











Latest Microsoft Design Standards



3 availability zones



*Ultra-low <2ms Latency* 



Local encrypted data storage and data processing

## The Microsoft Cloud Region "Austria East"



**Common Compliance Certifications** 



Complete Cloud Stack



Operated by Microsoft SecOps



Renewable energy for Microsoft datacenters

## Remember: Why choose a datacenter region in-country

Top factors creating new opportunities in Austria



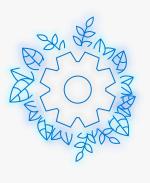
Security Compliance



Data Residency



Network Latency



**Energy Sustainability** 

## A cloud region to support IT scenarios "at home"

A local cloud region opens up many scenarios in country, some examples...

Workplace & Infrastructure



Home Office Made in AT



NIS2 and Green DC Migration

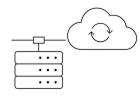
Data **Security** 



(Sensitive)
Data Storage



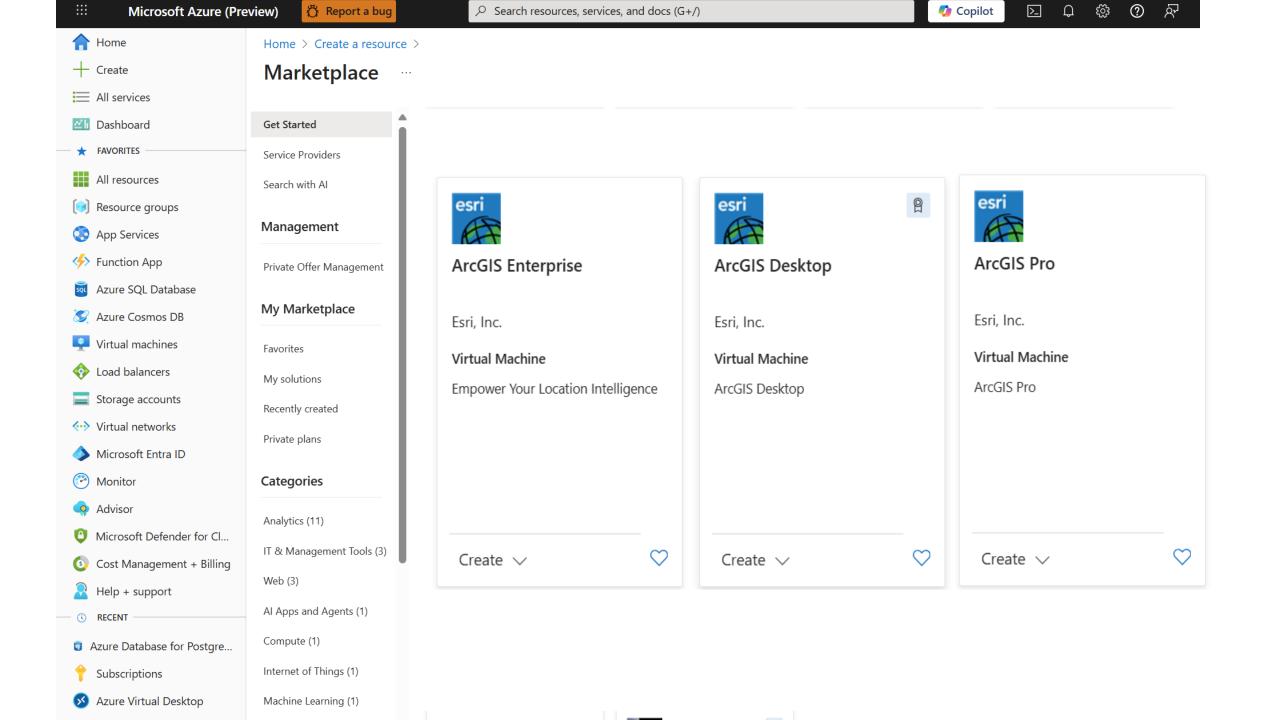
In-Country BCDR **Application Hosting** 



Hybrid Applications



In-Country Application Hosting



### Home > Create a resource > Marketplace >

### Create a virtual machine

