

The Secure Mission Continuum

From Sovereign Cloud to Intelligent Edge:
Architecting National Security, Compliance, and Innovation



**SOVEREIGN CLOUD
FORTRESS DATACENTER**

Immobile, Secure, Sovereign, Compliant



**INTELLIGENT EDGE
THE FIELD**

Agile, Connected, Responsive, Innovative



Seamless, Secure Data & Intelligence Flow

The Executive Mandate: From “Cloud First” to “Cloud Smart”

The Shift

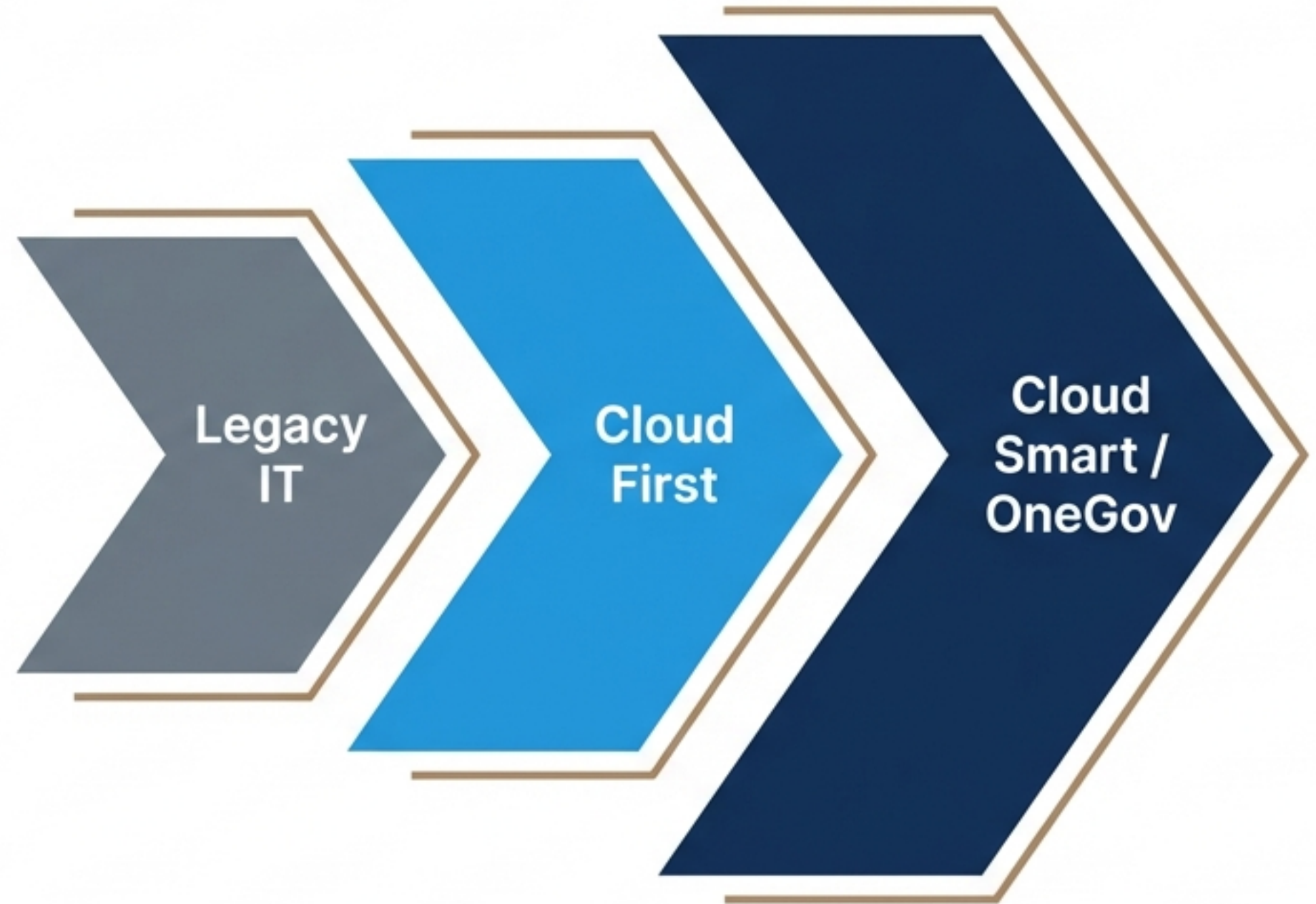
Government agencies are shifting focus from simple migration to mission velocity. The “Cloud Smart” mandate prioritizes AI readiness, data sovereignty, and uncompromising security over mere storage.

The OneGov Strategy

A unified procurement approach where the federal government leverages its collective buying power.

Key Drivers

- Best-and-final-first pricing
- Elimination of hidden margins
- Standardized licensing for Tier 1 suppliers (>\$500M annual federal spend)

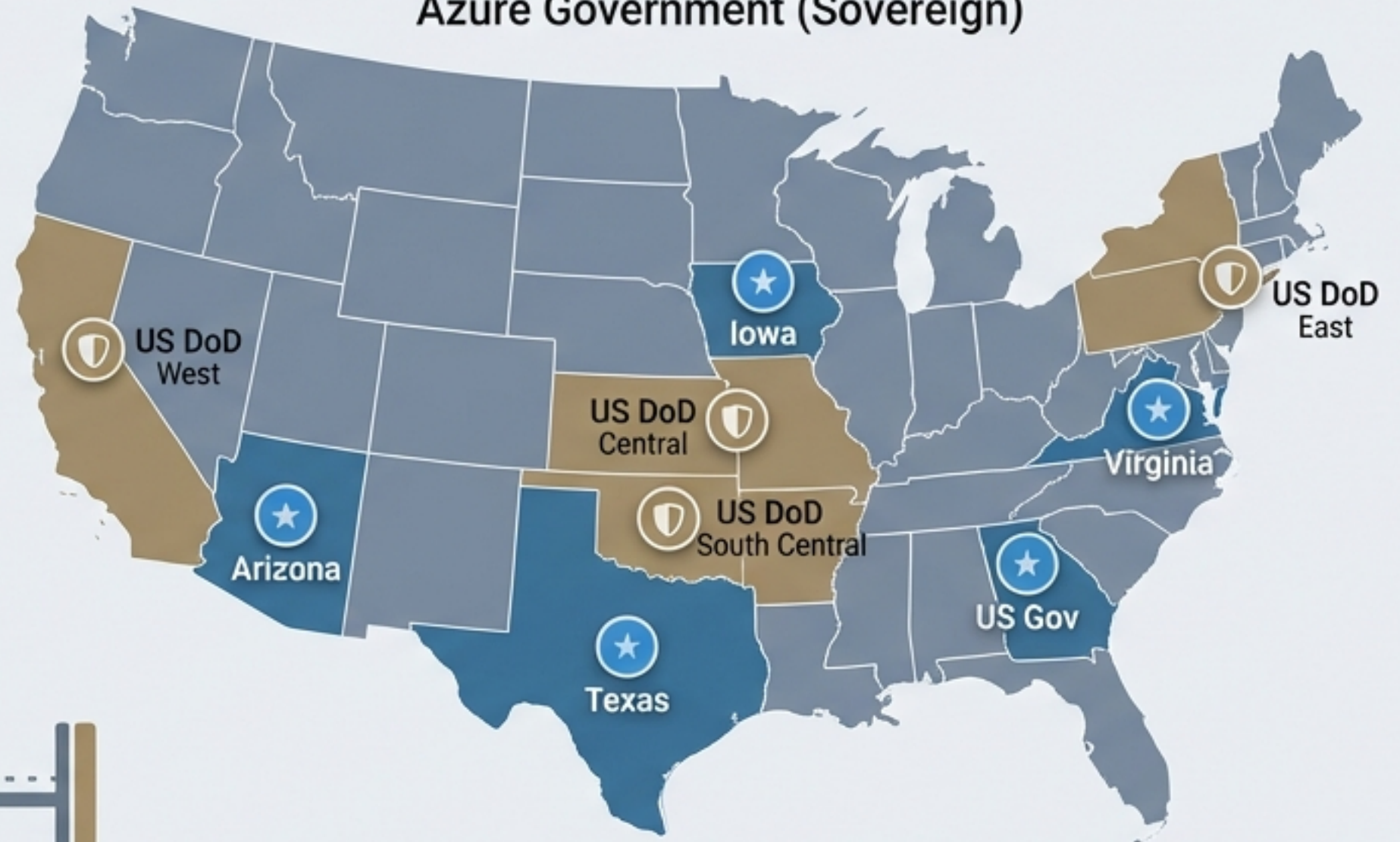


Azure Government: The Architecture of Isolation

Global Azure (Commercial)



Azure Government (Sovereign)



Global Azure
(Shared Infrastructure)



Azure Government
(Isolated Infrastructure)

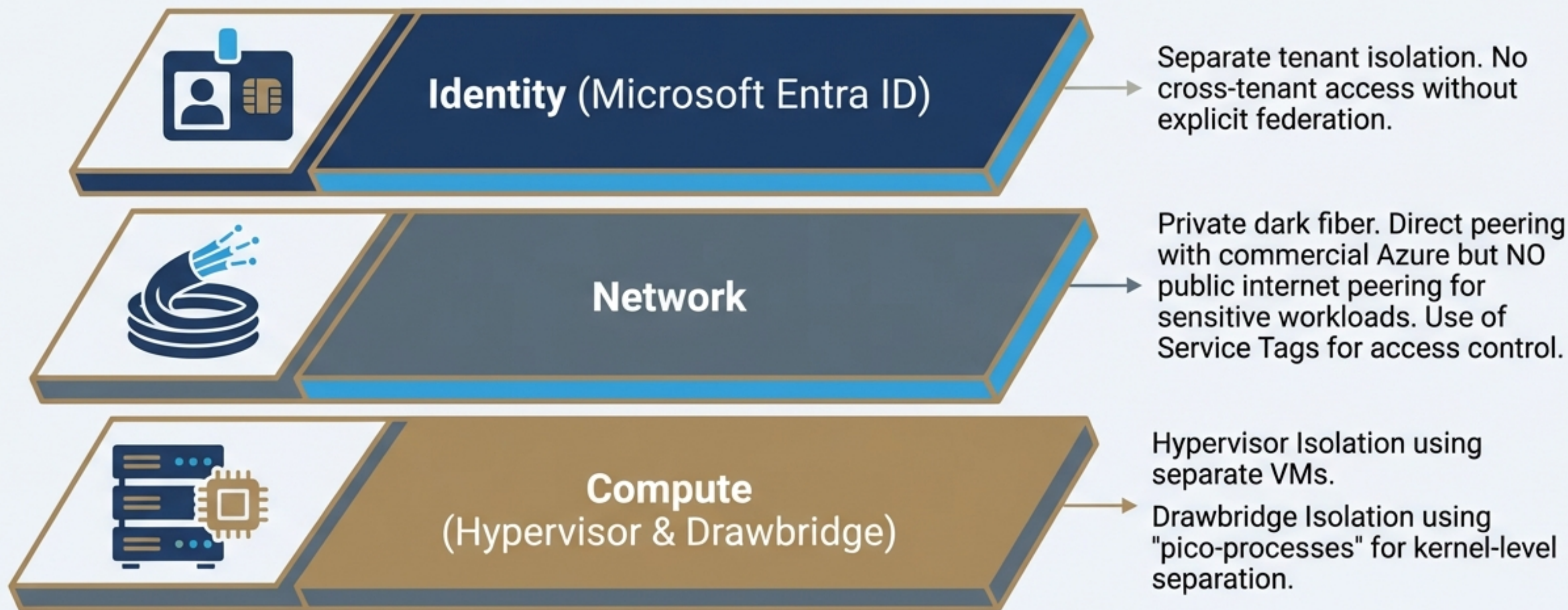


Physical & Logical Separation

- **Physical Isolation:** 500+ miles of geo-diversity.
- **Sovereignty:** Processing and storage strictly within CONUS.
- **Personnel:** Operations limited to screened US Citizens only.
- **Scope:** DoD, Federal, State, Local, and Tribal entities.

Defense in Depth: Isolation & Zero Trust

Layered Security Stack



The Compliance Shield: Broadest Coverage in the Industry

Defense & National Security



**DoD Impact
Level 5 (IL5)**

U.S. Department of Defense



**DoD Impact
Level 6 (IL6)**

U.S. Department of Defense



**FedRAMP
High**

Law Enforcement & Justice



CJIS (50 States)

FBI - Criminal Justice
Information Services



NIST 800-171

National Institute of
Standards and Technology

Export & Tax



ITAR / EAR

International Traffic in Arms
Regulations / Export
Administration Regulations

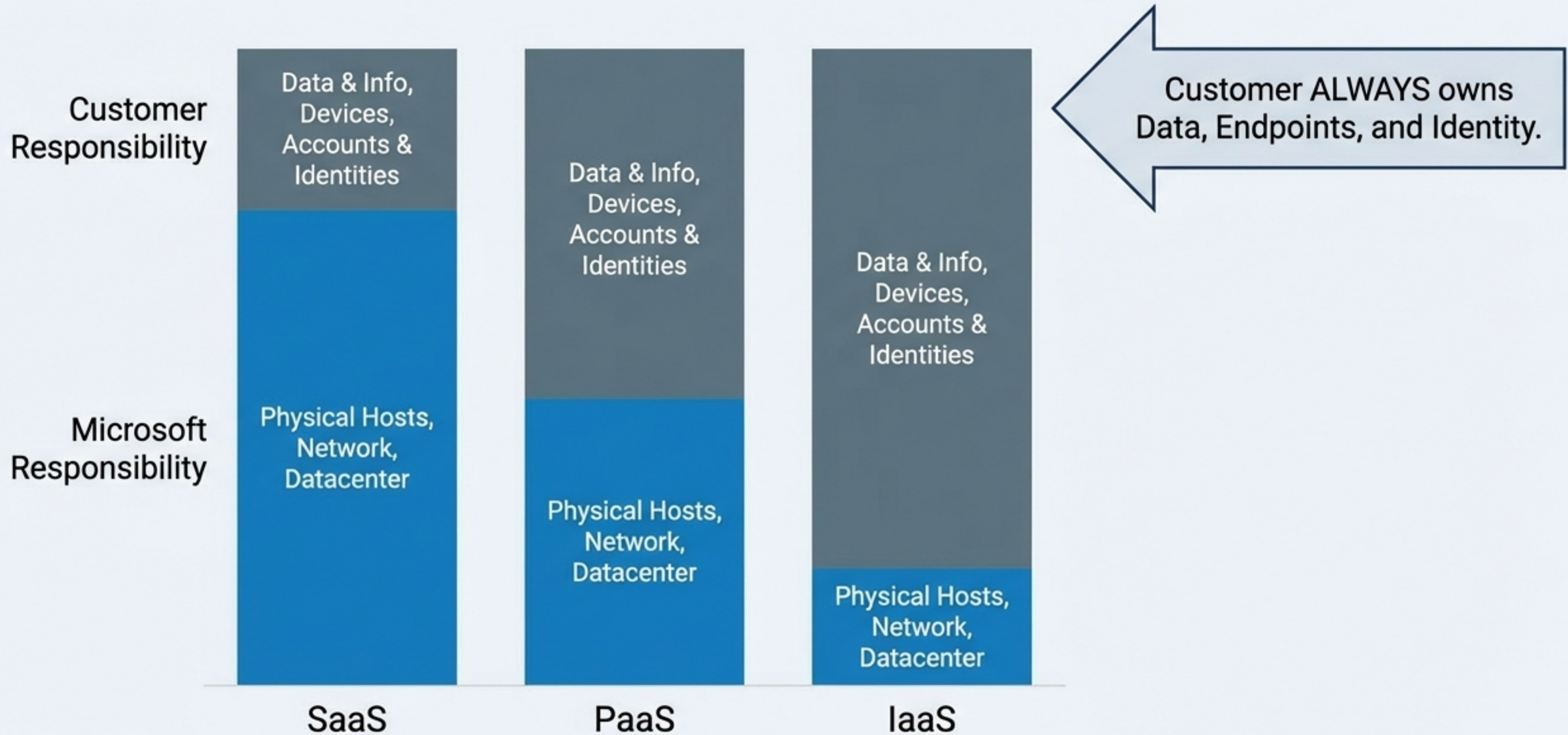


IRS 1075

Internal Revenue Service

"Azure Government was the first hyperscale cloud services platform to be awarded a DoD IL5 Provisional Authorization."

Security is a Team Sport: The Shared Responsibility Model



Expansion to the Field: The Intelligent Edge



**Data Creation
(The Edge)**

**Local Processing
(Azure Stack / IoT Edge)**
Process terabytes locally.
Millisecond latency.

Azure Government
Long-term storage &
aggregate analysis.



Low Latency:
Real-time decision making.



Bandwidth Efficiency:
Reduce backhaul costs.



Disconnected Ops:
Functional without internet.

Edge in Action: Infrastructure & Smart Cities

Traffic Management



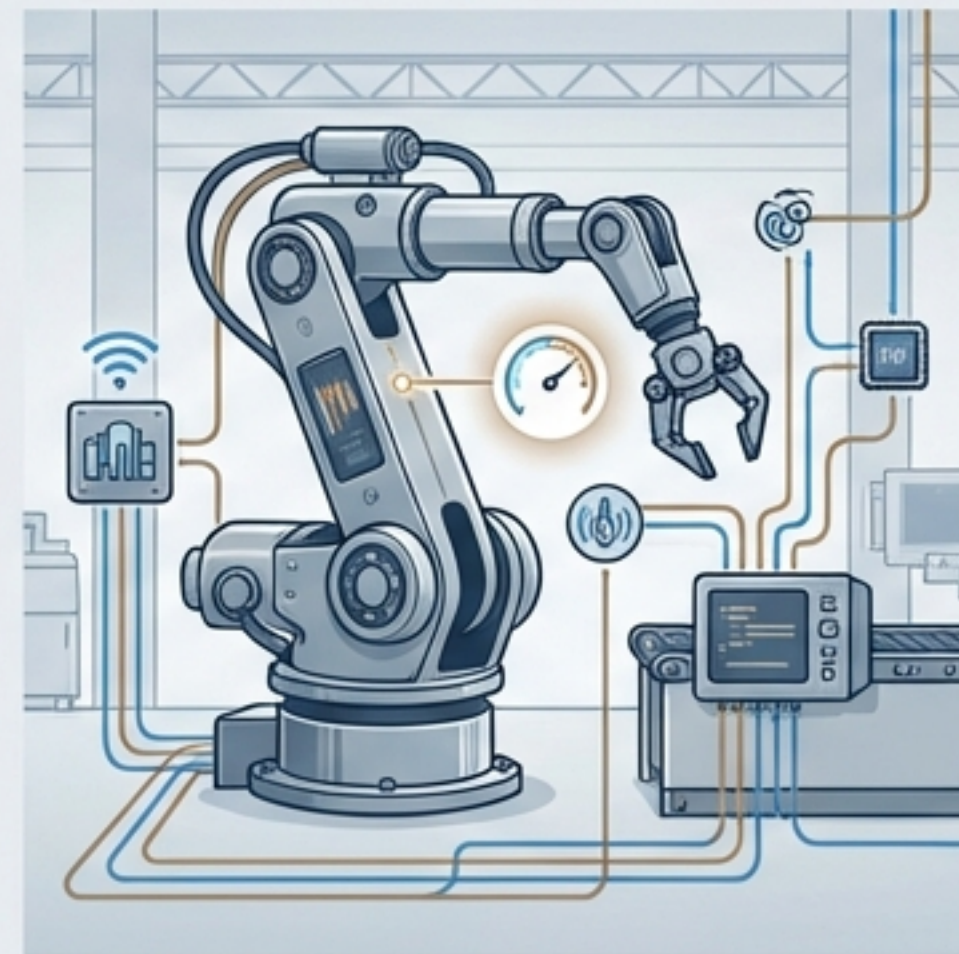
Optimize lane usage and bus frequency in real-time without cloud lag.

Smart Grid



Balance energy loads locally. Integrate green energy sources efficiently.

Predictive Maintenance



IoT sensors detect failure indicators before breakdown, processing health data on-site.

Edge in Action: Mission Critical & Response



Disaster Relief (FEMA):

Establishing immediate bases of operation in power-down zones using Azure Stack for local situational assessment.



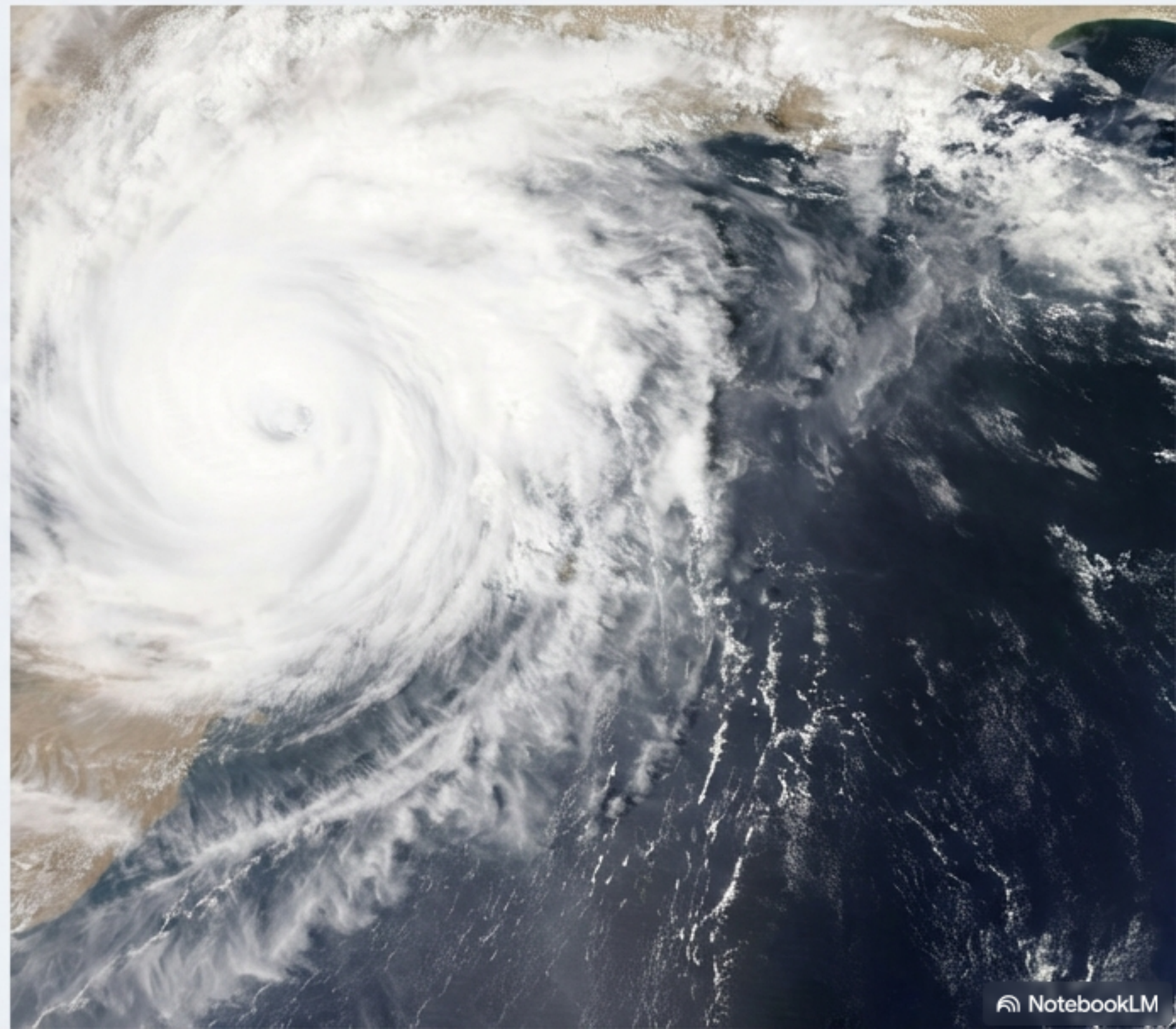
Autonomous Logistics:

Truck platooning/convoys using ultra-low latency vehicle-to-vehicle communication.

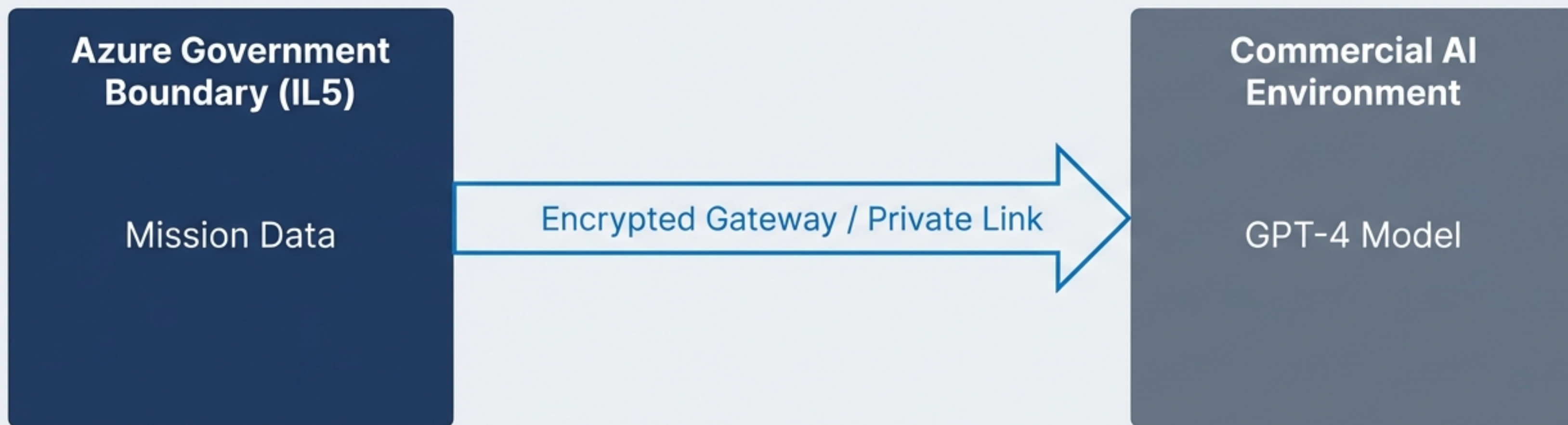


In-Hospital Monitoring:

Processing patient health data on-site to maintain privacy and reduce latency.



Accelerating the Mission: Azure OpenAI for Government



Agencies access GPT-4 via secure gateway. No traffic peers with public internet.

AI Without Compromise: The Security Guarantee

Your Data is Yours:

Data is NOT used to train the OpenAI model.

No Leakage:

Prompts and completions are not available to other customers or OpenAI.



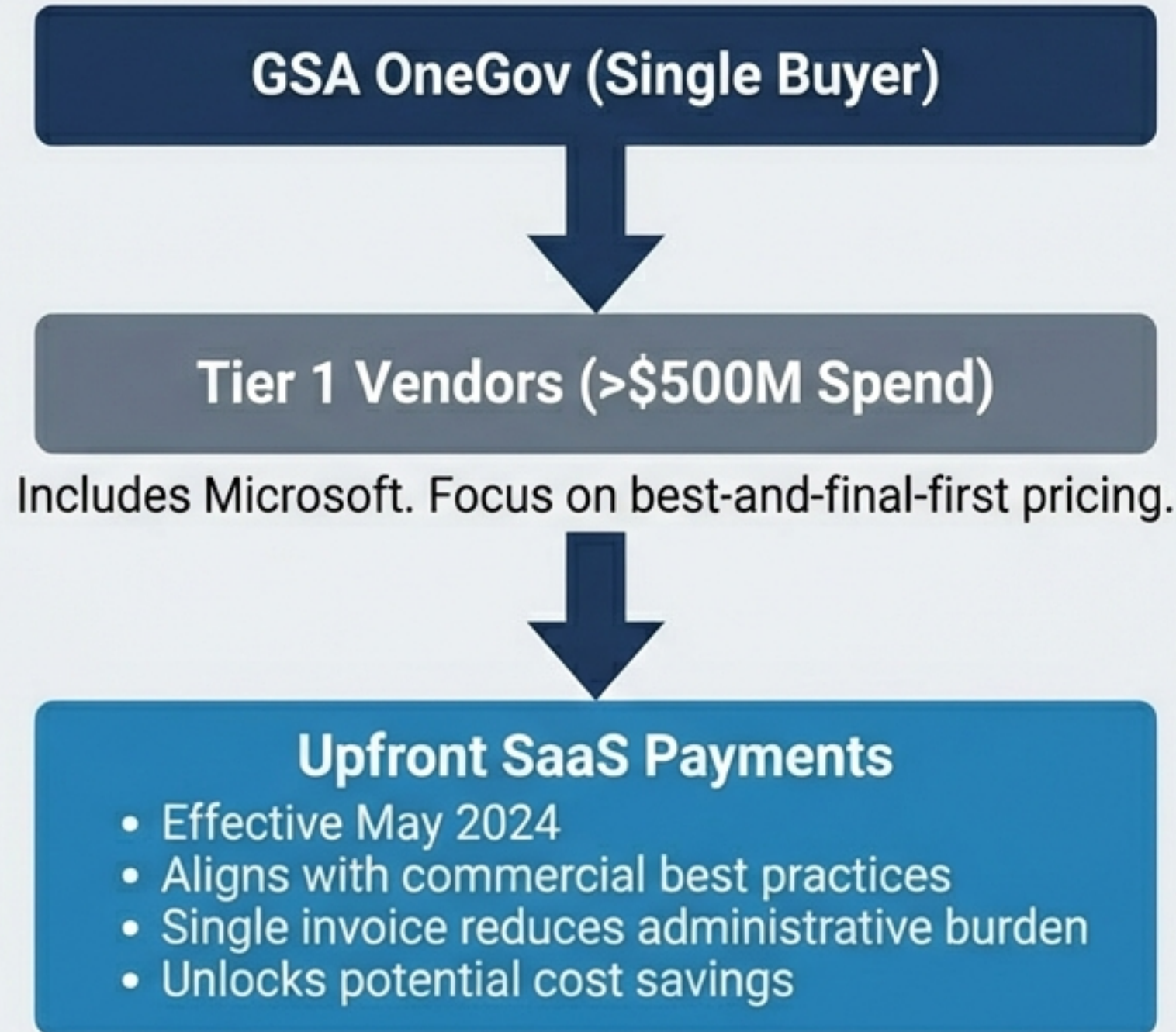
Logging Control:

Capability to disable data logging entirely.

Use Cases:

- Content Generation, Summarization of Field Reports, Code Generation.

Modern Procurement: The 'OneGov' Strategy



Focus on Public Safety: CJIS & Law Enforcement

The Challenge:

CJIS Security Policy mandates fingerprint-based background checks for all personnel with data access.

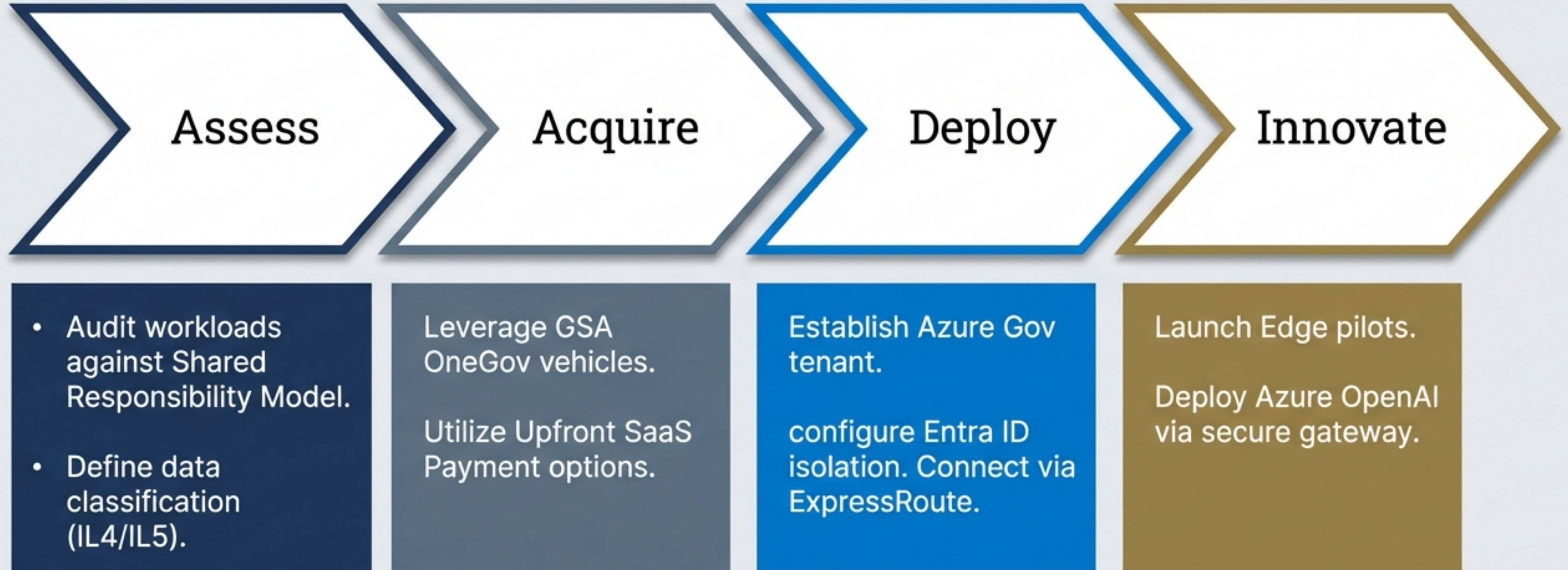
The Azure Commitment:

- Microsoft limits access to systems processing CJI data to screened US persons.
- All operations personnel undergo fingerprint-based background checks.
- CJIS Management Agreements signed with 45+ states.

Note: The FBI does not certify clouds; Microsoft provides attestation via state agreements.

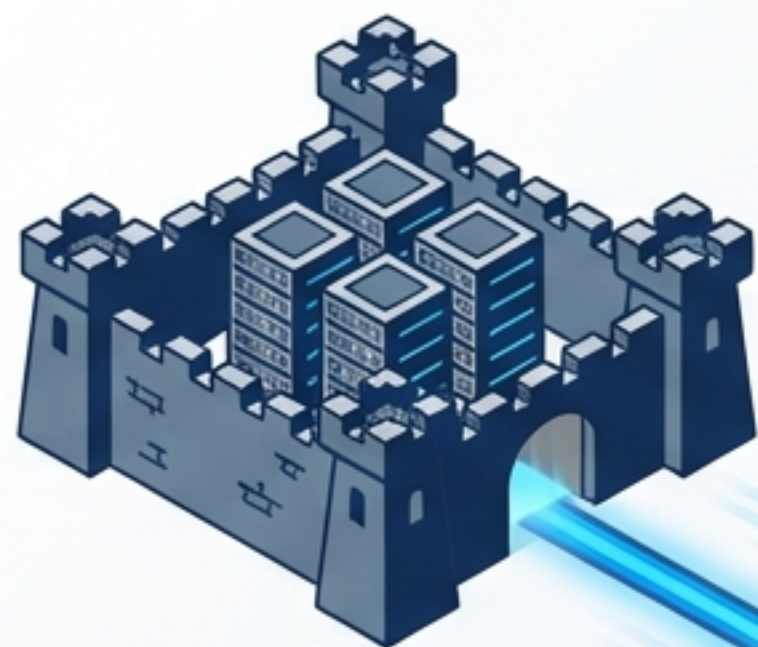


Your Roadmap to Mission Modernization



The Asymmetric Advantage

The convergence of Sovereign Cloud, Intelligent Edge, and Generative AI provides an asymmetric advantage in efficiency, security, and mission success.



Sovereign Cloud /
Datacenter



Intelligent Edge /
Field

Accelerate the Mission.