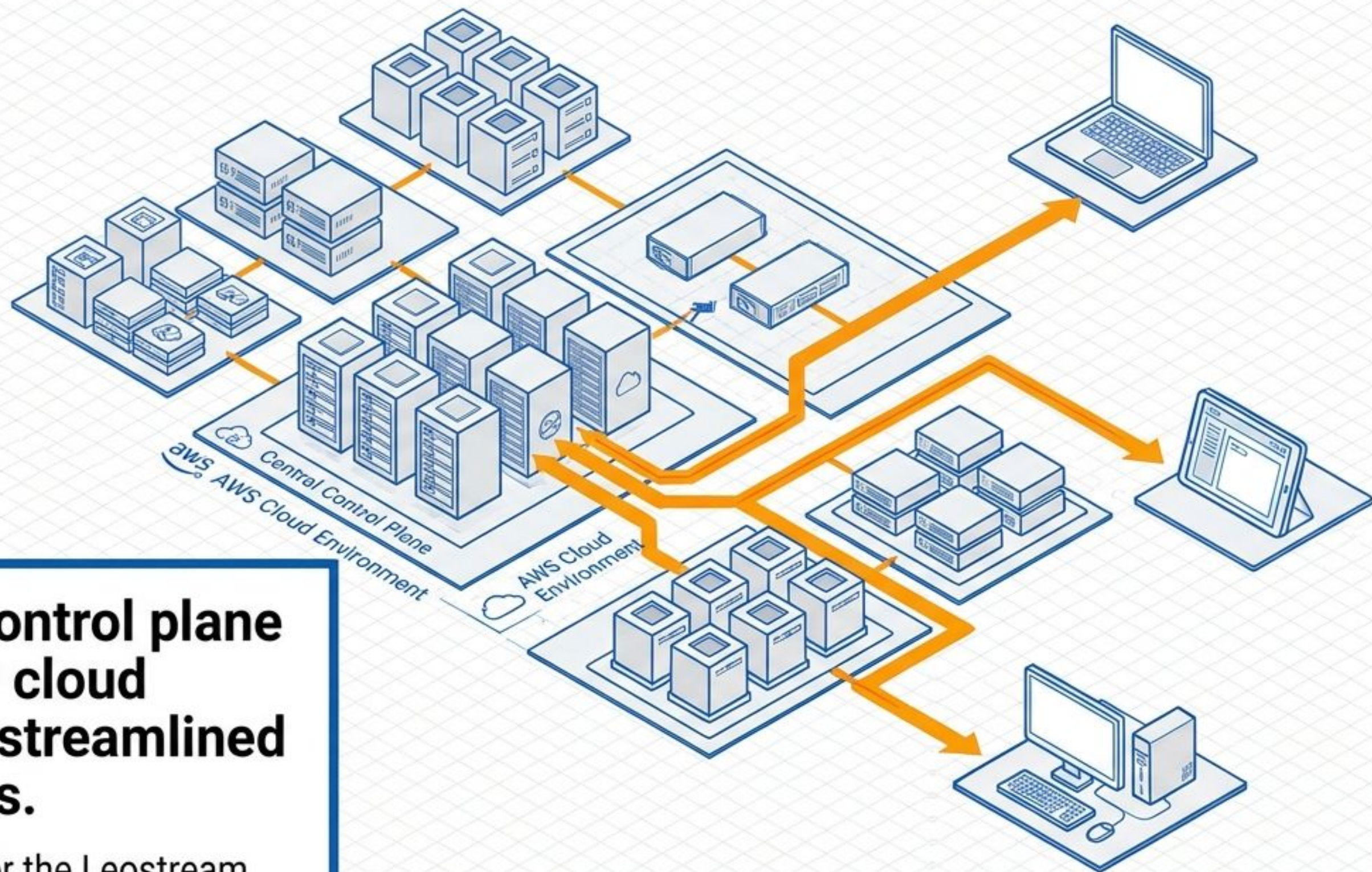


Leostream and AWS: Scalable Remote Desktop Solutions

Architecture Blueprint



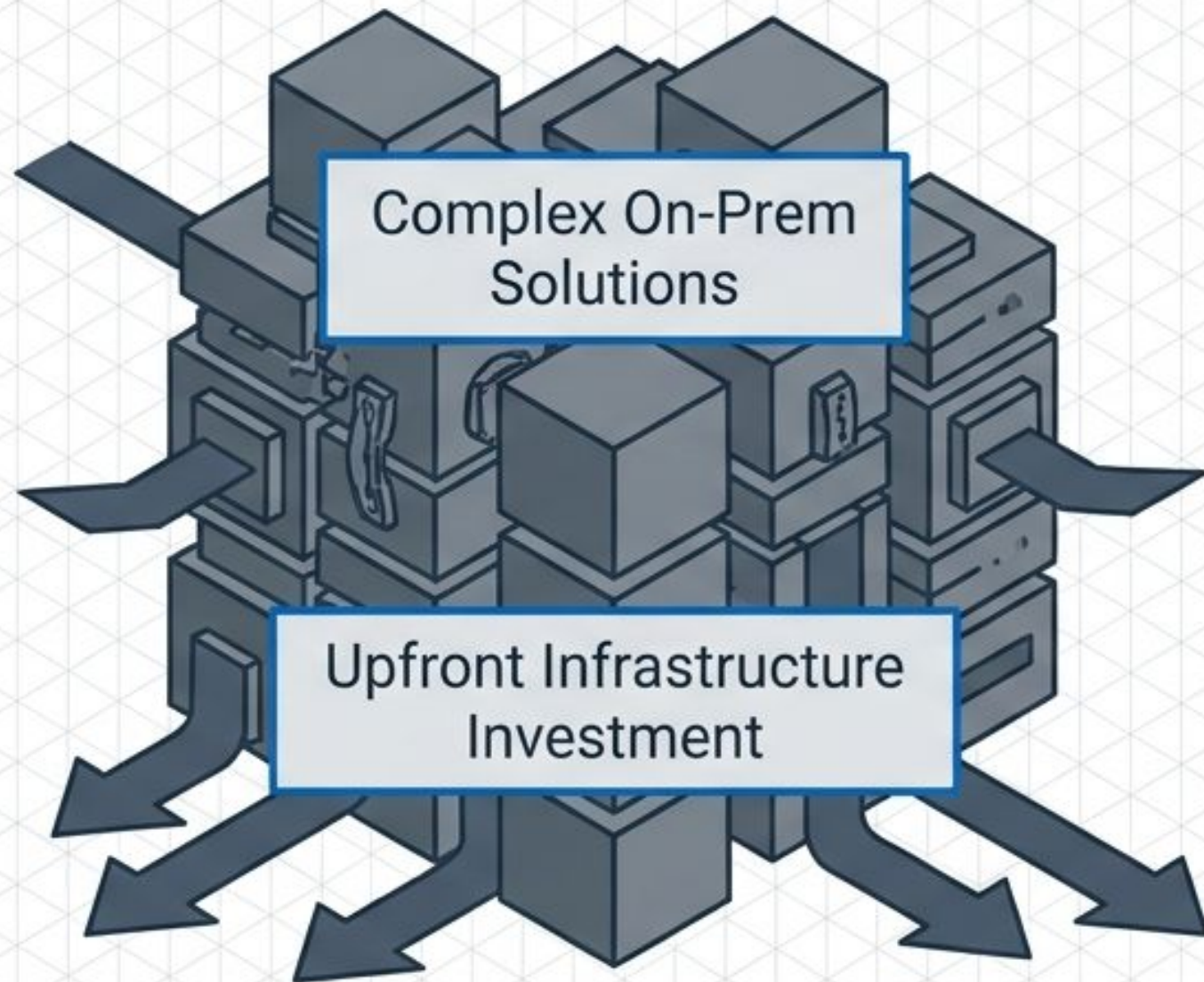


Centralizing the control plane transforms hybrid cloud complexities into streamlined digital workspaces.

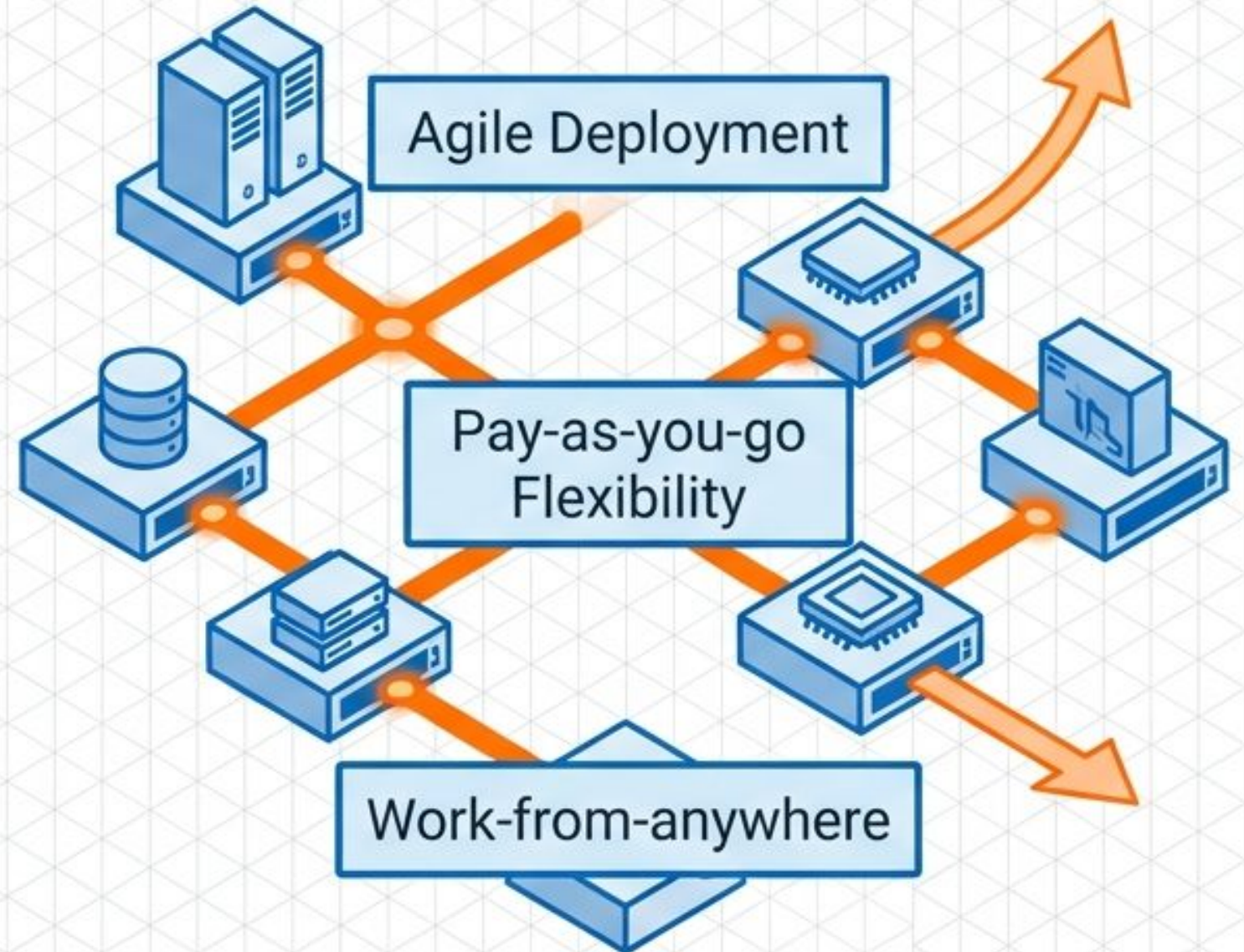
An Architectural Blueprint for the Leostream Remote Desktop Access Platform on AWS

Moving workloads to the AWS cloud eliminates the rigid overhead of traditional on-premises data centers.

Traditional On-Premises Model



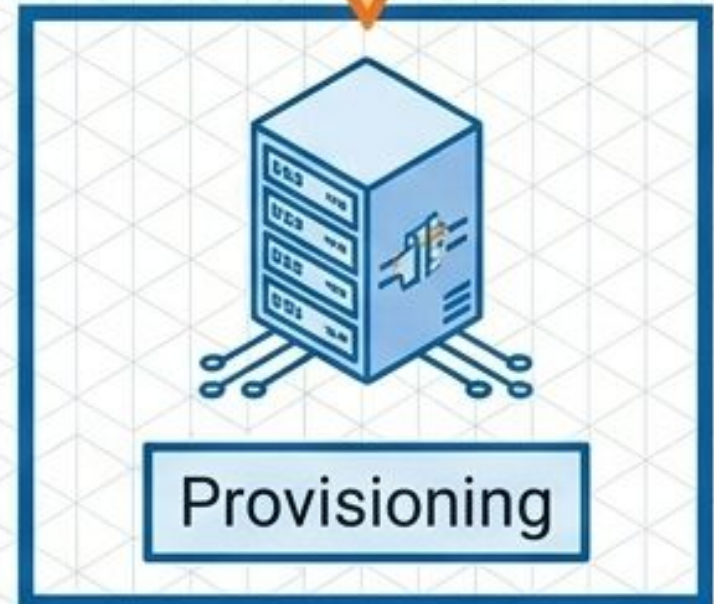
Leostream + AWS Model



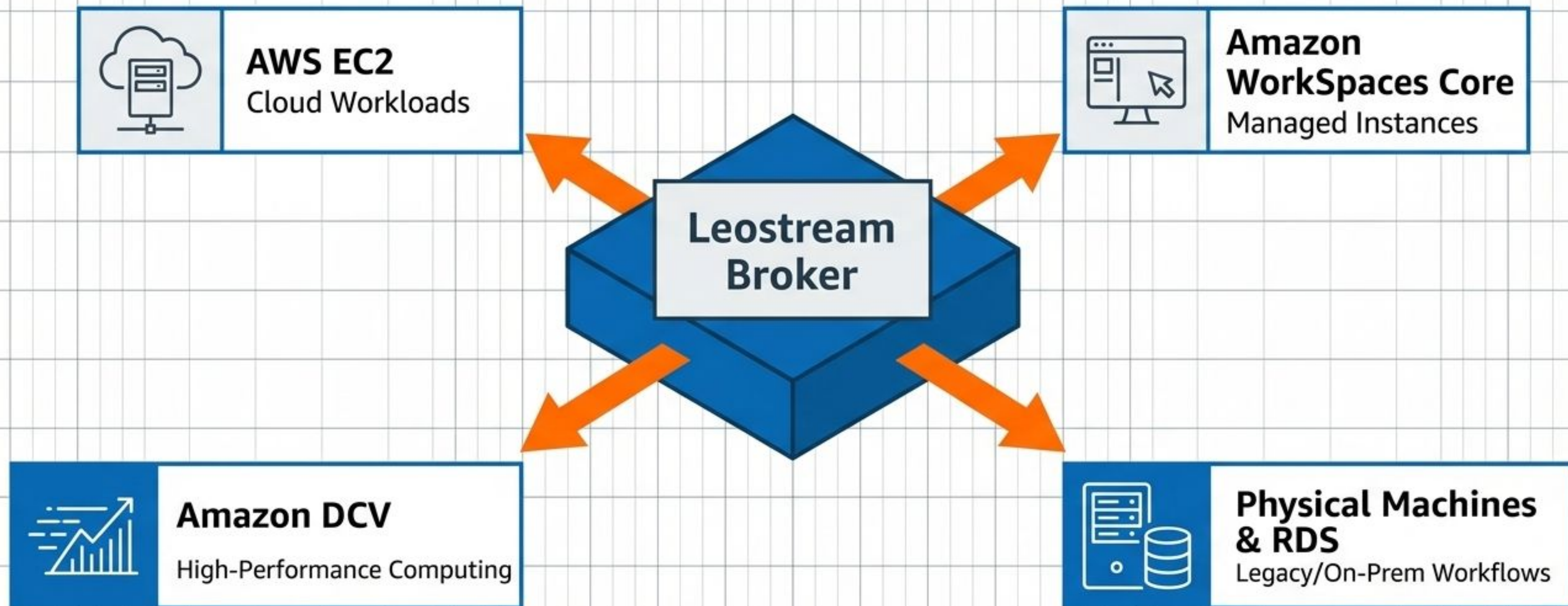
A single pane of glass provides complete visibility into users, security, costs, and provisioning.



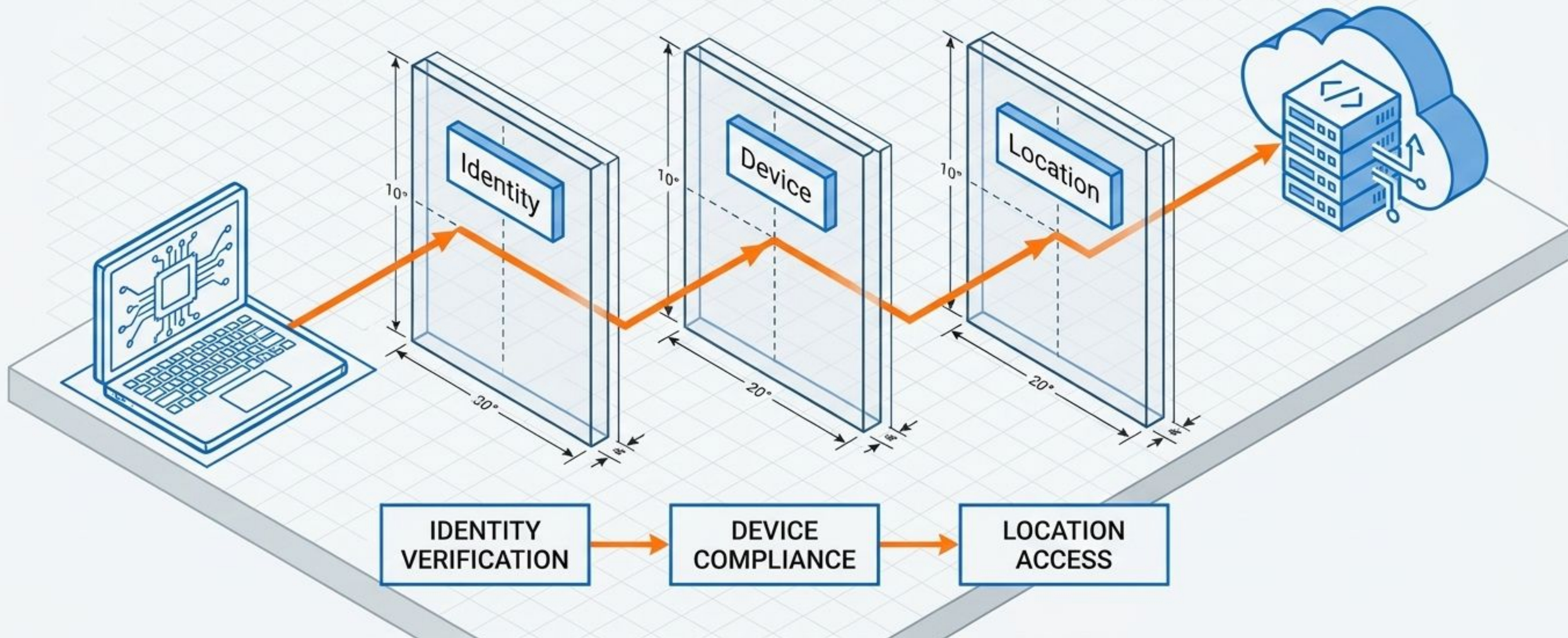
The Remote Desktop Access Platform



The central broker dictates connection policies across diverse AWS and on-premises infrastructure.

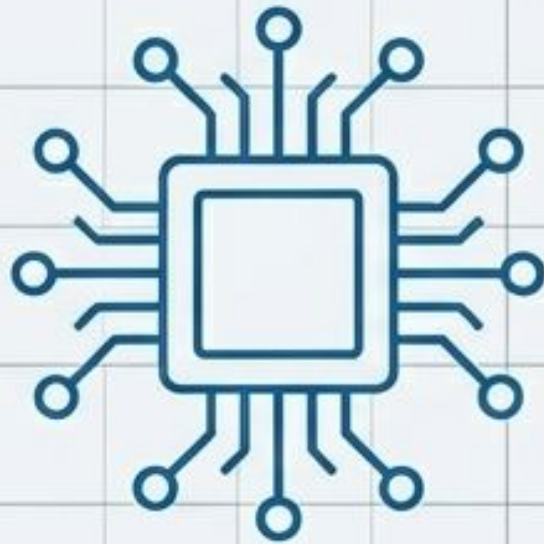


Enforcing zero-trust architecture ensures every connection is verified before reaching the cloud.



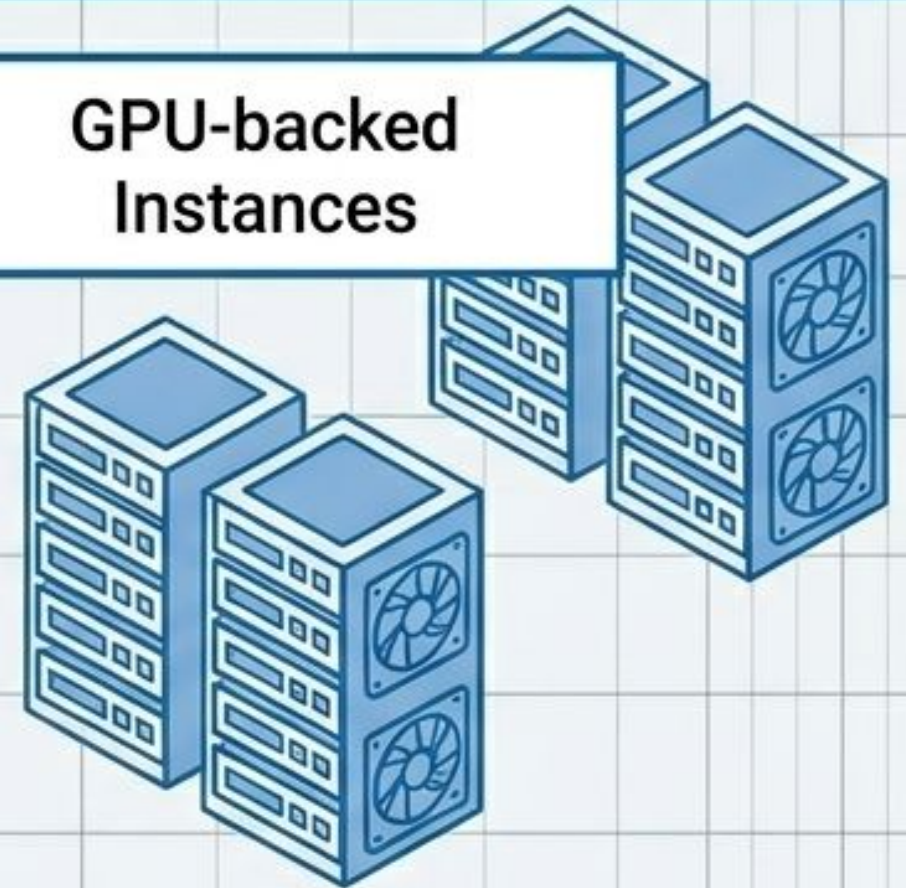
Combining cloud elasticity with centralized session management eliminates the overhead of traditional VDI.

Centralized Session Management



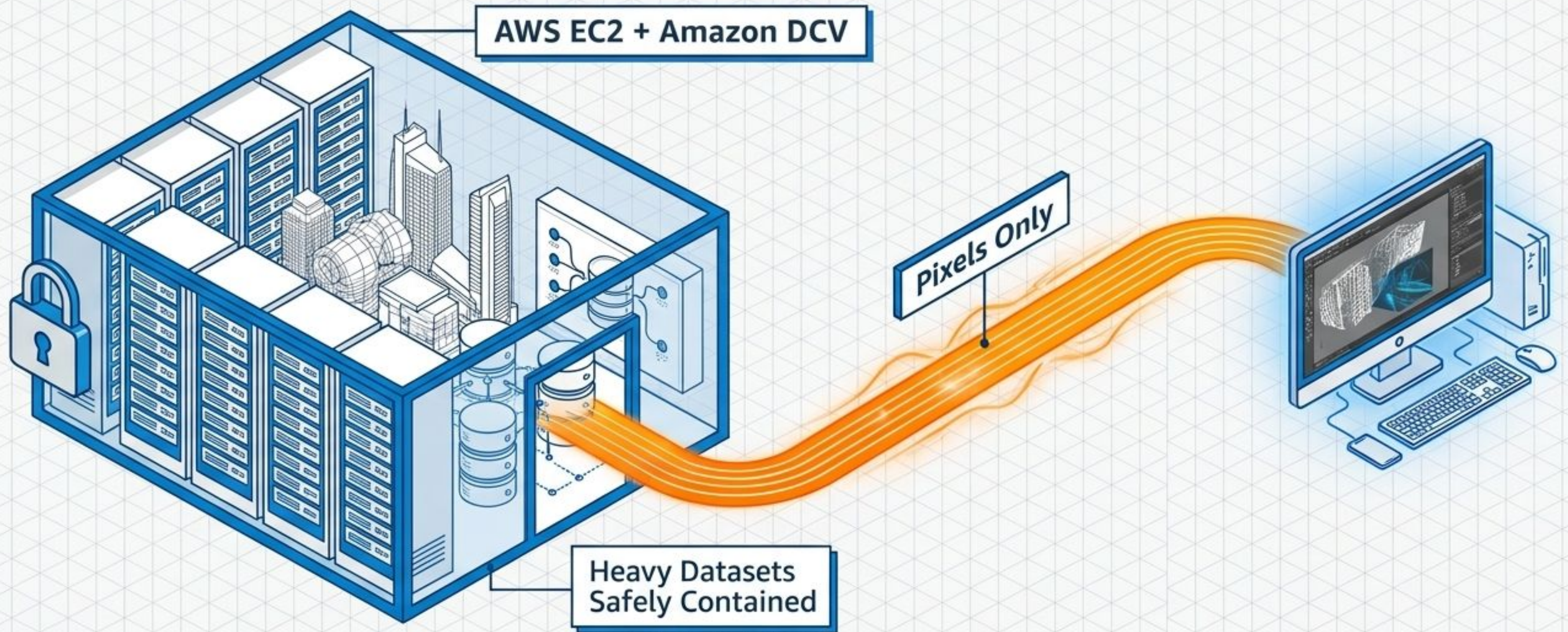
Policy Control

GPU-backed Instances

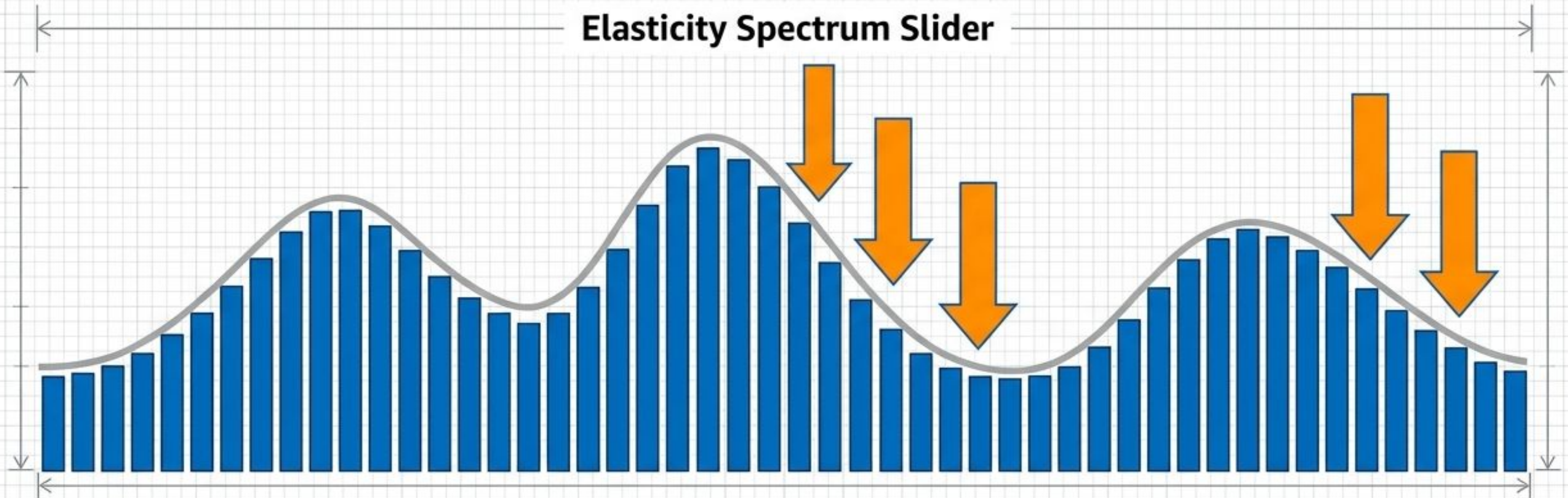


Compute-Optimized Instances

Securely stream high-performance visualization by transmitting only pixels, keeping heavy datasets locked in AWS EC2.



Intelligent resource optimization leverages AWS elasticity to eliminate spend on unused capacity



Scalability



Cost Optimization

Six structural pillars support a scalable, secure, and flexible modern digital workspace platform.

The AWS Advantage



One global policy seamlessly orchestrates AWS cloud resources and physical on-premises machines simultaneously.

AWS Cloud VDI

Amazon DCV HPC

**Legacy On-Prem
Physical Machines**

**Single-Pane-of-Glass
Global Access Policy**

The diagram features a light blue grid background. On the left, three blue-bordered boxes are stacked vertically. Each box contains a label and a white arrow with a blue circuit-like pattern pointing to the right. These three arrows merge into a single, large, thick orange arrow that points towards a blue computer monitor on the right. The monitor's screen displays a white box with the text 'Single-Pane-of-Glass Global Access Policy'. The monitor itself is a simple blue desktop monitor with a stand.

Deliver 100 virtual desktops in minutes without upfront infrastructure investment.



Step 1: Kickstart AWS Journey



Step 2:
Connect via
Leostream
Platform



Step 3:
Deploy Hybrid
Architecture

Speak With an
AWS/Leostream
Expert Today.