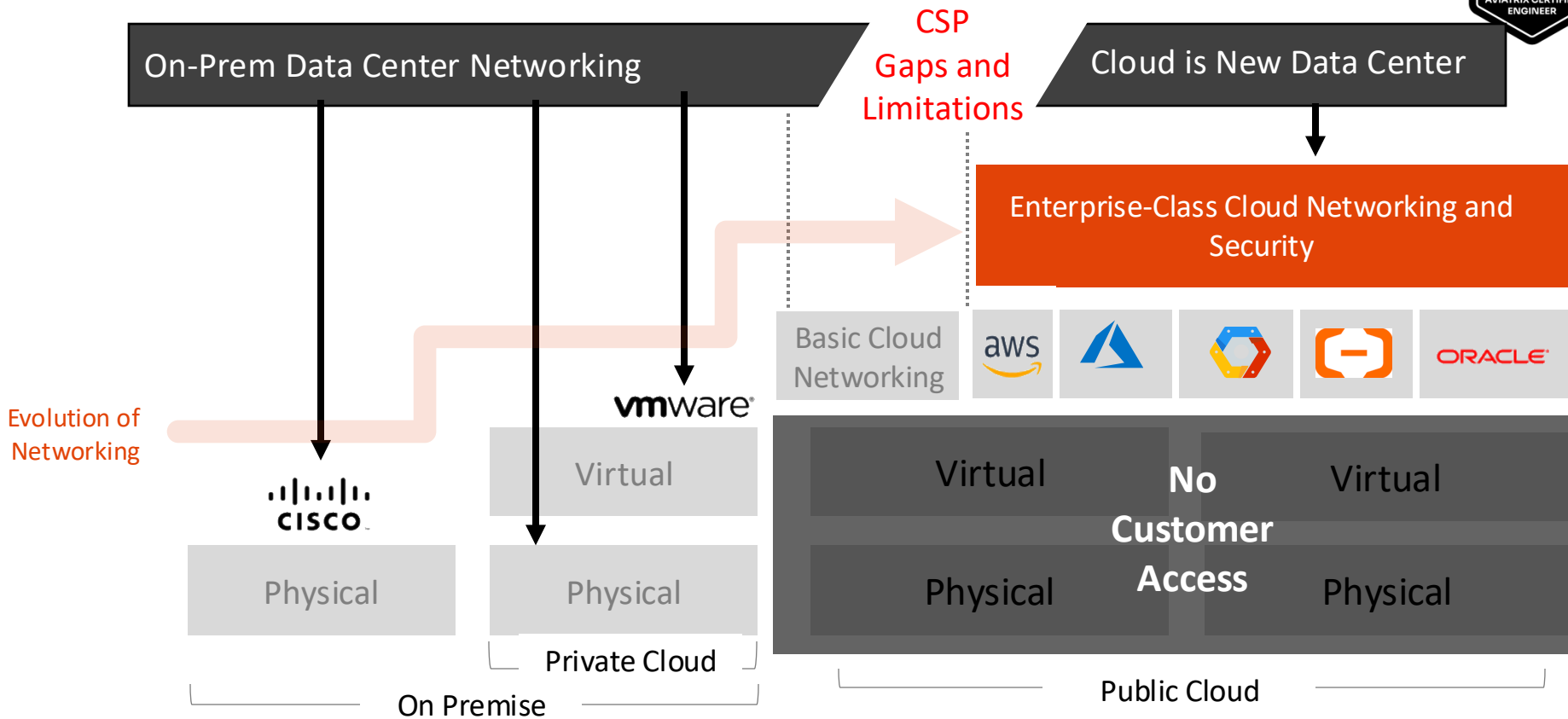




MultiCloud Network Architecture MCNA

ACE Team

CSP Networking Has Gaps | You Need a Cloud Agnostic Product (Hint: Aviatrix)



Cloud Expertise Development



The Challenge

Identifying what's required for secure cloud networking



The Approach

Cloud experts collaborating intensively for a week



The Outcome

Comprehensive cloud reference architecture

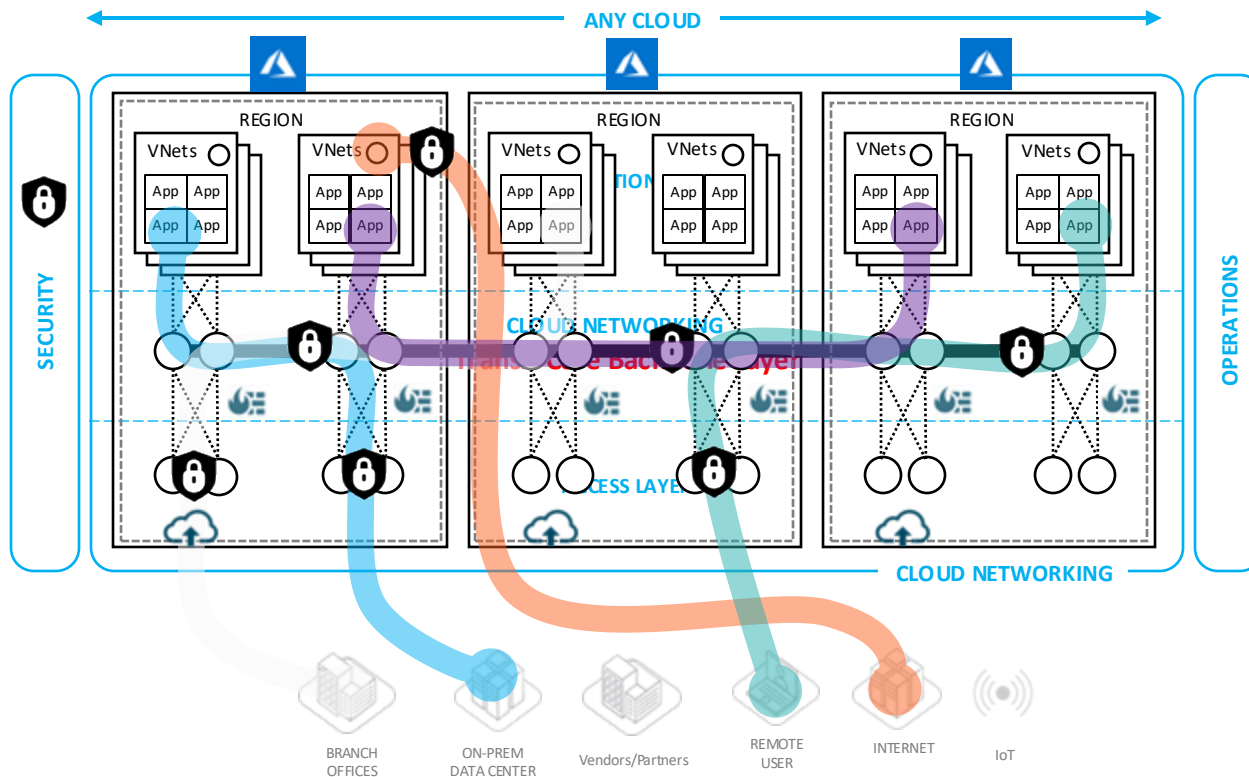
Seven years ago, Aviatrix assembled a team of cloud networking specialists to tackle a fundamental question: **"What would you need to do secure cloud networking in the cloud as far as a reference architecture is concerned?"** Through intensive collaboration, these experts developed a groundbreaking reference architecture that would serve as the foundation for the Aviatrix Cloud Firewall.



Cloud Network Reference Architecture (Single Cloud)



- Single Cloud, Multi-Region, Multi-Account
- Repeatable Network Design and Infrastructure as Code Automation
- Service Insertion and Chaining
- De facto Cloud Firewall
- Common Operational Visibility and Control

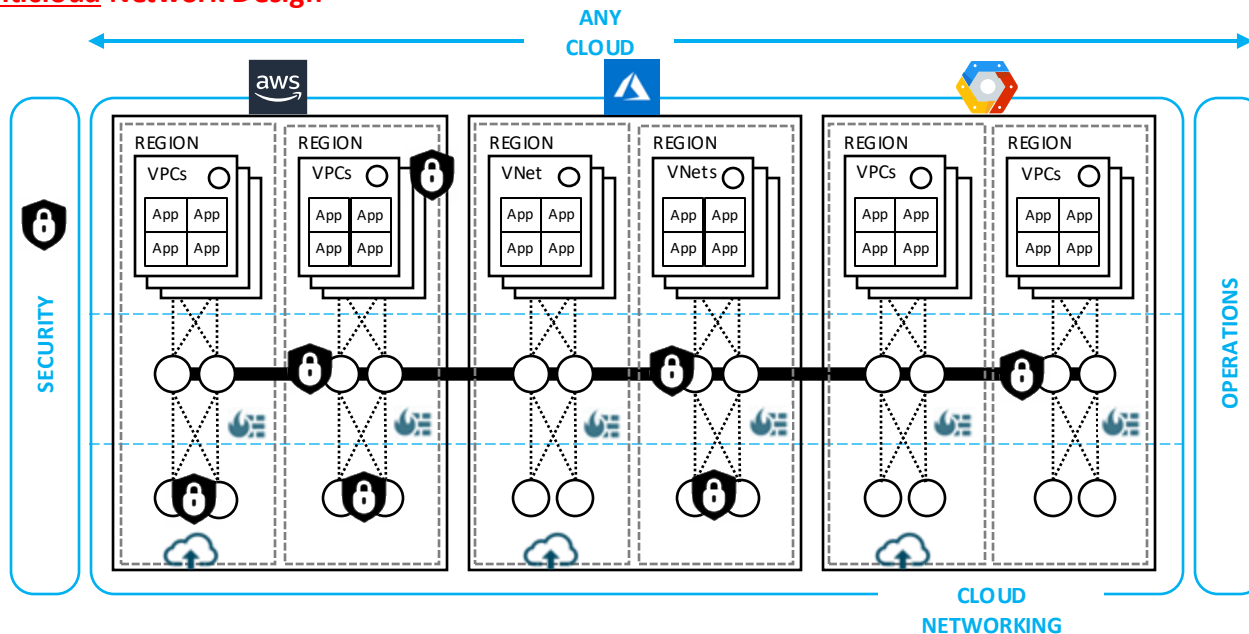


Multicloud Network Architecture (MCNA)

The Blueprint of Your Multicloud Network Design



- Multicloud, Multi-Region, Multi-Account
- Repeatable Network Design and Infrastructure as Code Automation
- Service Insertion and Chaining
- D facto Cloud Firewall
- Common Operational Visibility and Control



BRANCH
OFFICES



ON-PREM
DATA CENTER



Vendors/Partners



REMOTE
USER

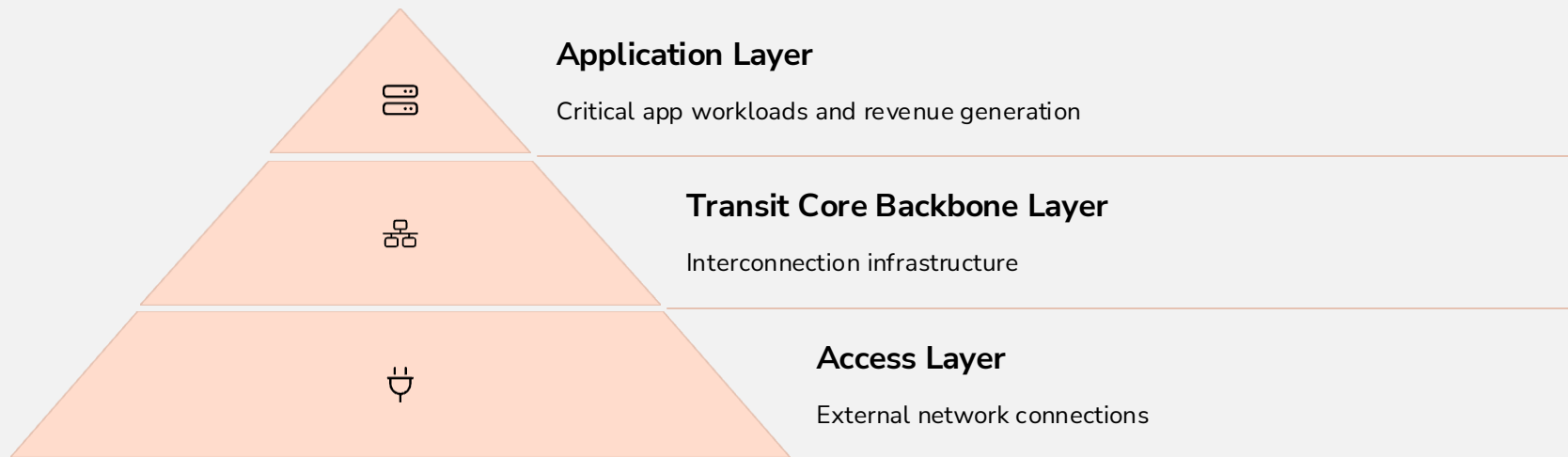


INTERNET



IoT

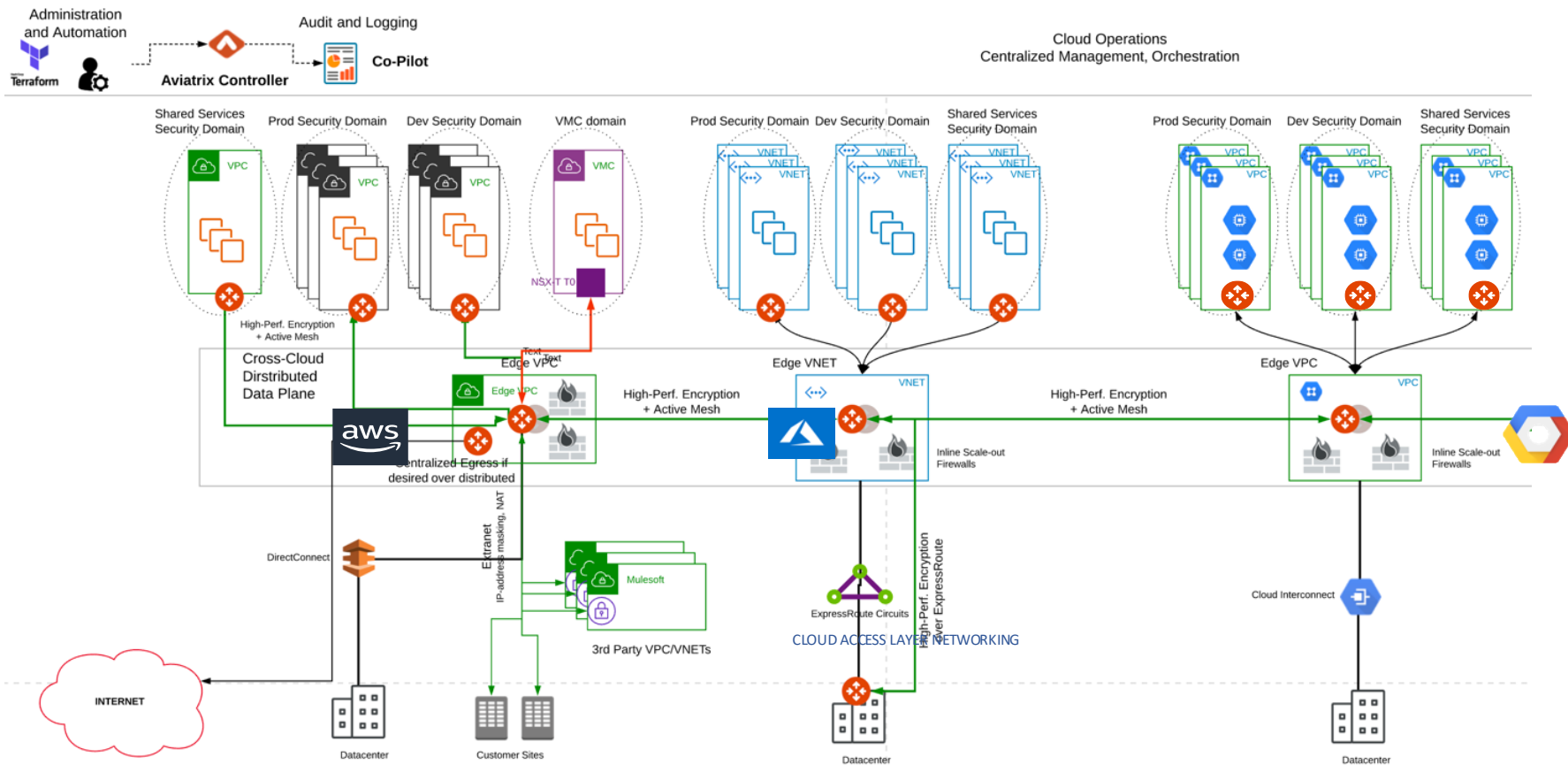
The Multi-Cloud Network Architecture (MCNA)



Building on their cloud expertise, Aviatrix developed the Multi-Cloud Network Architecture (MCNA), a distinctive three-tier architecture that effectively interconnects cloud regions, service providers, and external networks while maintaining end-to-end security.

This tiered structure forms the networking foundation of the Aviatrix solution, providing a standardized yet flexible framework that can be implemented across multiple cloud environments or within a single cloud service provider's ecosystem.

Customer's HLD | 3 Years Long Project | MCNA



Next: Transit Networking

