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# Cloud Backbone

HYBRID CONNECTIVITY

<Instructor Name>

ACE Solutions Architect

# AGENDA

01

## AVIATRIX OVERVIEW

Intro  
Multicloud Network Architecture

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02

## CLOUD BACKBONE

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03

## EDGE

Extend Cloud to the edge  
Equinix Edge

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04

## ENTERPRISE ARCHITECTURES

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05

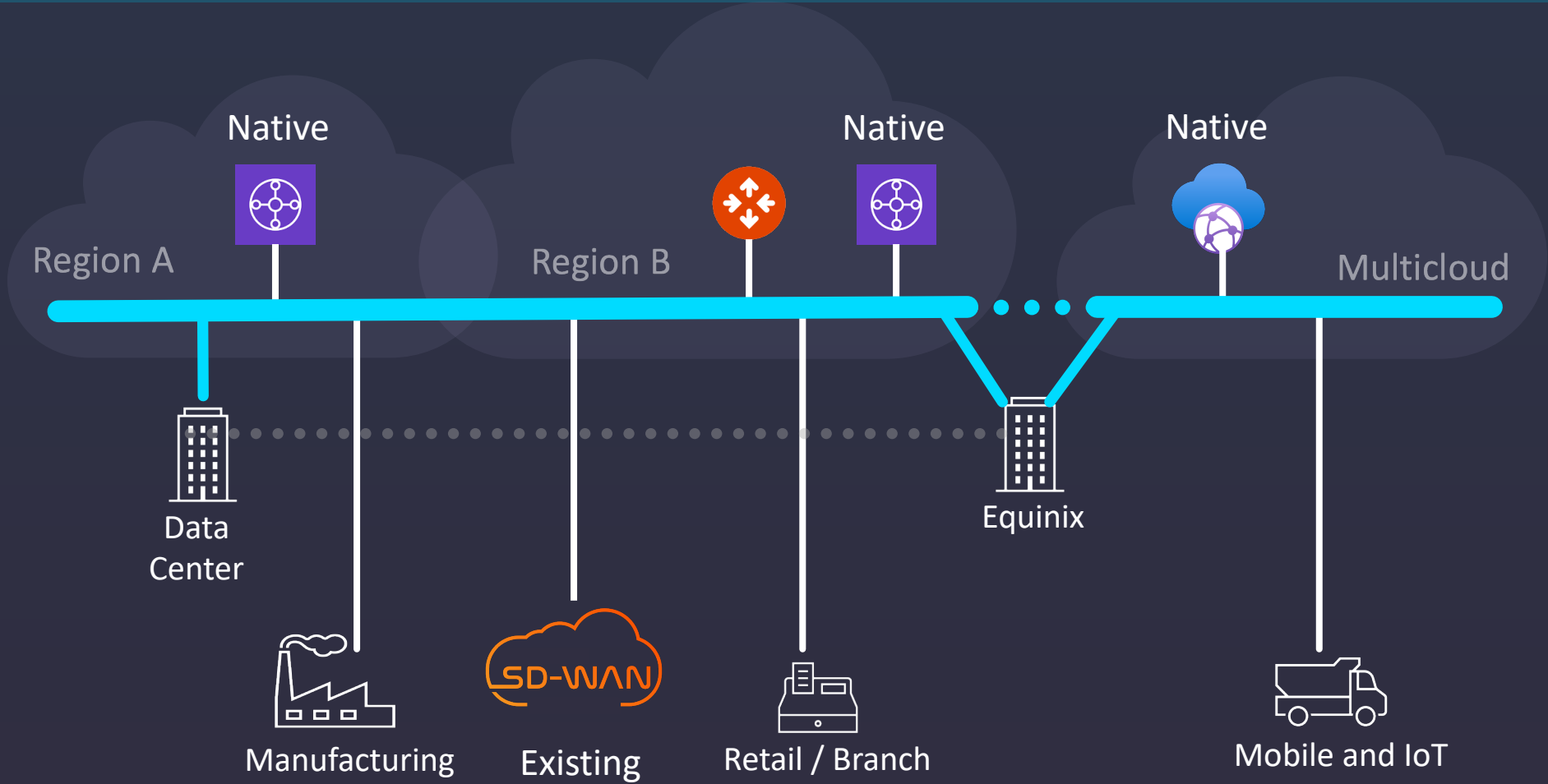
## DEMO & LAB

# Aviatrix Cloud Backbone



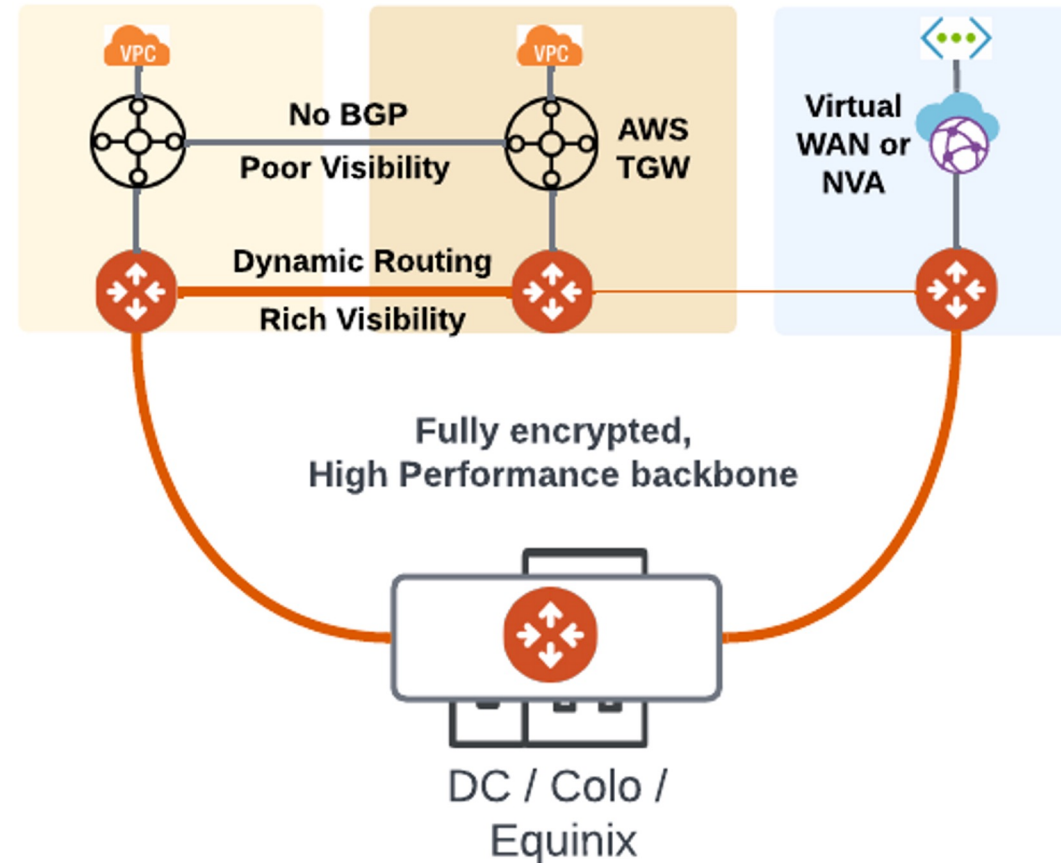
# Aviatrix Secure Cloud Networking | Backbone

Cloud Agility and Automation with Enterprise Grade Resiliency and Security

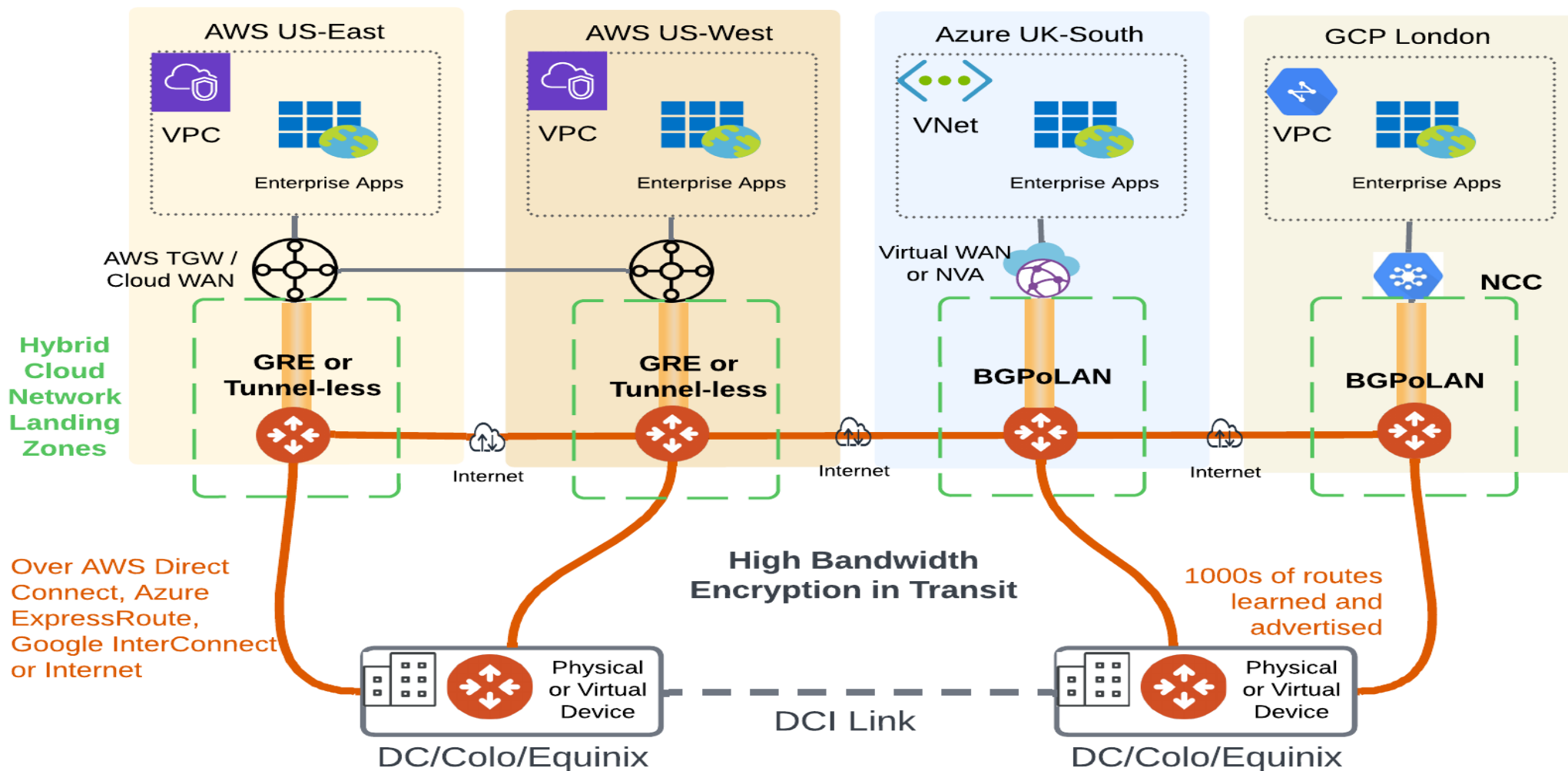


Simple to manage region-to-region, cloud-to-cloud, & cloud-to-on-prem connectivity with ability to integrate with other systems

# Aviatrix Secure Cloud Networking | Backbone



# Aviatrix Hybrid Cloud Network | Landing Zone



[https://lnkd.in/enNxBf\\_y](https://lnkd.in/enNxBf_y)

# Why **Start** with a Secure Cloud Backbone?



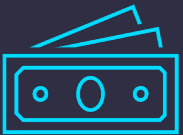
- **Resiliency** – Dramatically Reduce Cloud Networking MTTR, Maximize Uptime
  - Quickly Overcome Native CSP Limitations
  - Dynamic Traffic Engineering and No Route Table Limitations
  - Single Pane-of-Glass Network Operations, Deep Visibility and Multicloud Consistency



- **Security** – Reduce Business Risk
  - Security Embedded Into the Cloud Network
  - High-Performance Encryption
  - L7 Service Insertion



- **Agility** – Move at Speed of the Business
  - Simple, Non-Disruptive Insertion and Multicloud Readiness
  - Single Terraform Provider Infrastructure as Code Automation
  - Removes Skills Gaps to Increase Flexibility to Support Dynamic Business Requirements



- **Cost Optimization** – Direct Impact on Revenue and Margins
  - Modern architecture reduces cost over sub-optimal architectures
  - Reduces the number and experience level required to operate cloud networking