# IZO™+ MULTI CLOUD NETWORK

## SIMPLIFY MULTI CLOUD NETWORKING, VISIBILITY AND SECURITY

In today's hyperconnected world, the pursuit of agility, resilience, and cutting-edge innovation is driving enterprises to adopt complex multi cloud strategies. This paradigm shift is a core business mandate, with IDC projecting that by 2028, 90% of newly developed applications will be multi cloud enabled. Enterprises are strategically distributing workloads across various cloud providers to meet regulatory compliance, avoid vendor lock-in, and leverage best-of-breed specialised services for competitive advantage. However, this expansive multi cloud estate introduces significant and often painful complexities.

Enterprises struggle with a disjointed infrastructure where each Cloud Service Provider (CSP) has unique networking constructs, leading to architectural silos, fragmentation and cloud misconfigurations. Connecting Virtual Private Clouds (VPCs) and Virtual Networks (VNETs) becomes a manual, lengthy, and error-prone process that sometimes involves up to 30 steps for a single pair of connection, and requires specialised experts. This complexity also creates critical security risks due to inconsistent security postures and unmanaged shadow IT, while simultaneously ballooning operational costs, with the Flexera report finding that 84% of organisations struggle to manage cloud spend.

## TATA COMMUNICATIONS IZO™+ MULTI CLOUD NETWORK

Tata Communications IZO™+ Multi Cloud Network solution unifies multi cloud network management into a single cohesive platform by eliminating complexity and silos to provide seamless connectivity, consistent security and complete visibility across the cloud estate.

### Autopilot networking:

Seamlessly connect applications across multiple clouds with intent-based policies to eliminate cloud misconfigurations. Build resilience with self-healing networks that automatically respond to outages and performance issues.

### Borderless insight:

Eliminate blind spots and enable data-driven decisions with real-time performance insights and end-to-end multi cloud observability. Gain actionable cost intelligence and optimise cloud spend by correlating traffic patterns with egress charges.

### Intrinsic security:

Strengthen multi cloud security and compliance with automated security policies that follow workloads as they are moved or scaled. Enable centralised threat protection by service chaining Next Generation Firewalls (NGFWs) and security tools directly into multi cloud traffic.

Rapid scaling and deployment of application workloads across multiple clouds in just a few clicks

Over 30%* cost savings by optimising data egress augmented by native cloud connectivity

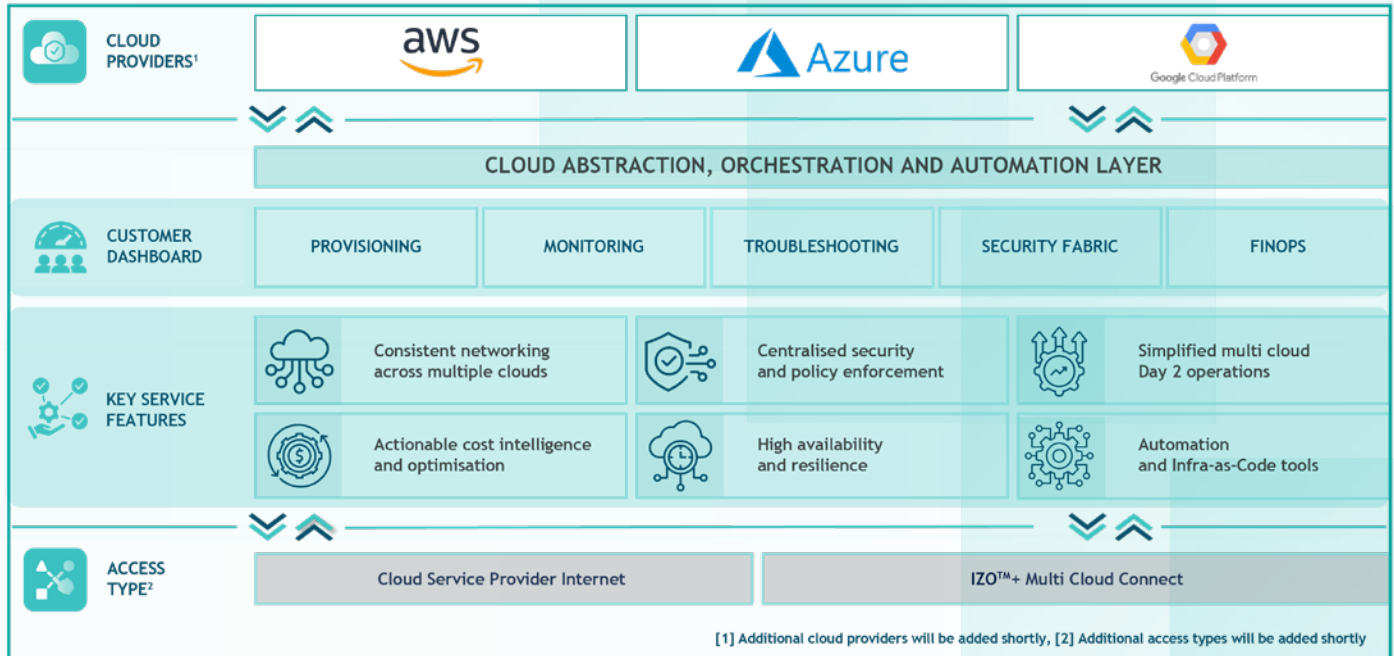Cut overheads by 15%* with Infra-as-Code and CI/CD driven automation and scaling

Resolve issues up to 70%* faster with rapid root cause analysis and diagnostics

*As per Tata Communications lab tests

## IZO™+ | Multi Cloud Network

#InnovatewithDigitalFabric

# TATA COMMUNICATIONS IZO™+ MULTI CLOUD NETWORK PLATFORM

Experience unified visibility and centralised control of your multi cloud environment with our solution that enables network orchestration, security, and automation across all major cloud providers.

| CLOUD PROVIDERS[1] | aws | Azure | Google Cloud Platform |
|---|---|---|---|

**CLOUD ABSTRACTION, ORCHESTRATION AND AUTOMATION LAYER**

| CUSTOMER DASHBOARD | PROVISIONING | MONITORING | TROUBLESHOOTING | SECURITY FABRIC | FINOPS |
|---|---|---|---|---|---|

**KEY SERVICE FEATURES**

- Consistent networking across multiple clouds
- Centralised security and policy enforcement
- Simplified multi cloud Day 2 operations
- Actionable cost intelligence and optimisation
- High availability and resilience
- Automation and Infra-as-Code tools

| ACCESS TYPE[2] | Cloud Service Provider Internet | IZO™+ Multi Cloud Connect |
|---|---|---|

[1] Additional cloud providers will be added shortly, [2] Additional access types will be added shortly

# OUR DESIGN PRINCIPLES TO SOLVE MULTI CLOUD NETWORKING CHALLENGES

**Abstract:** Create one unified layer across all leading cloud providers.

**Topology generation:** Automatically generate a network topology and select hub locations and underlay.

**Authenticate:** Securely authenticate cloud accounts with access keys.

**Provision:** Seamlessly translate intent into a functional network.

**Discover:** Automatically discover your cloud network layout with the IZO™+ MCN Orchestrator.

**Operate:** Gain complete visibility across all connected clouds from a single dashboard.
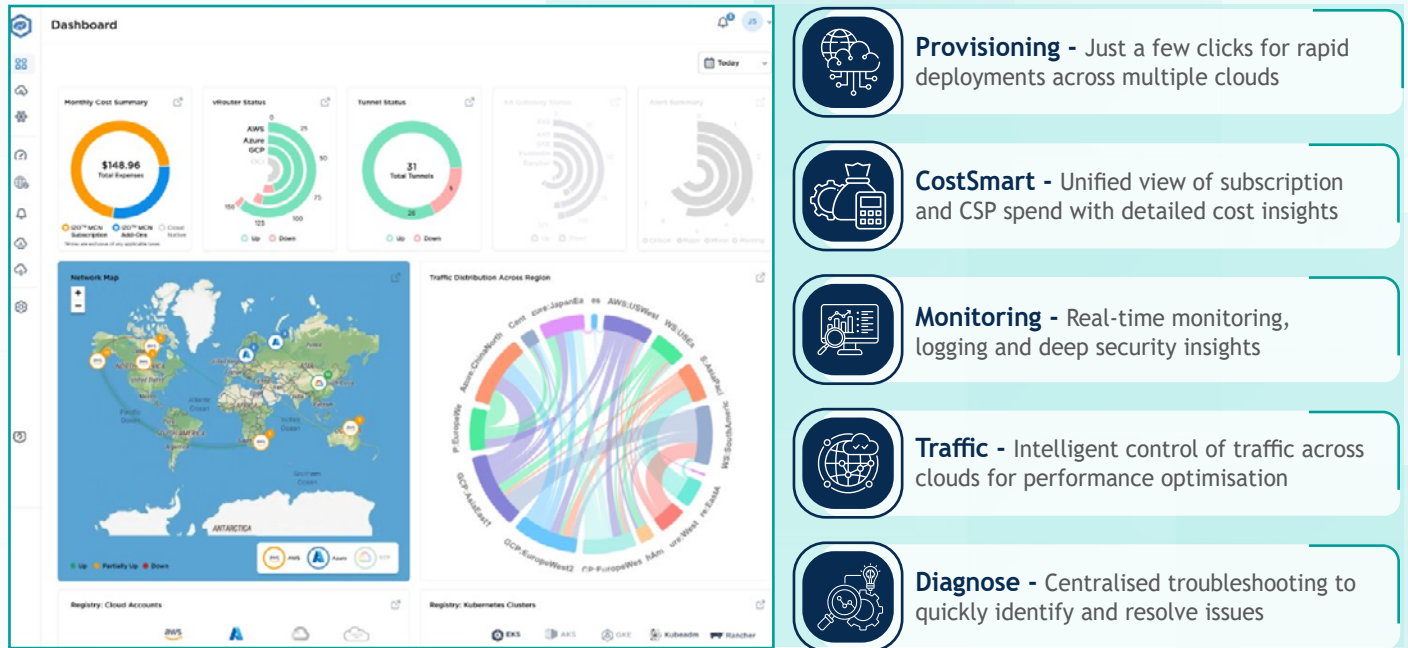
**Capture Intent:** Easily select subnets from your inventory to connect under a network tag.

**Optimise:** Continuously optimise based on usage patterns and cloud spend preferences.

IZO™+ | Multi Cloud Network

#InnovatewithDigitalFabric

# SINGLE PANE OF GLASS DASHBOARD

Gain end-to-end visibility and control of your multi cloud environment with the single pane of glass dashboard, an intuitive interface to provision, monitor, and optimise your cloud connectivity.



**Provisioning -** Just a few clicks for rapid deployments across multiple clouds

**CostSmart -** Unified view of subscription and CSP spend with detailed cost insights

**Monitoring -** Real-time monitoring, logging and deep security insights

**Traffic -** Intelligent control of traffic across clouds for performance optimisation

**Diagnose -** Centralised troubleshooting to quickly identify and resolve issues

## USE CASE 1

### Rapid multi cloud scaling with network automation
Automate the process of connecting applications across multiple clouds with intent based policies. The solution reduces deployment time from days to minutes through a consistent, repeatable process, while also minimising operational overheads.

**Before:** Slow, manual processes for adding new clouds, creating delays and security blind spots.

**After:** Rapid, automated cloud integration that keeps pace with business demands.

**Onboard new cloud environments in minutes, not days, with automated consistency**

## USE CASE 2

### Comprehensive multi cloud visibility and Day 2 operations
Provide a single pane of glass for end-to-end multi cloud visibility and AI-driven insights. The solution enables rapid root cause analysis and proactive monitoring, reducing troubleshooting time and improving overall uptime.

**Before:** Fragmented cloud-native tools leading to slow troubleshooting and reactive firefighting.

**After:** Unified operations with end-to-end multi cloud visibility, predictive analytics and lower MTTR.

**Gain end-to-end visibility and reduce troubleshooting time by up to 70% with a single dashboard**

iZO™+ | Multi Cloud Network

#InnovatewithDigitalFabric

## USE CASE 3

### Consistent security across multi cloud environments

Enforce a consistent security posture across all your cloud environments, automate policy implementation and enable advanced threat protection by service chaining NGFWs and other security tools into multi cloud traffic.

**Before:** Inconsistent security models and fragmented management across AWS, Azure, and GCP.

**After:** A unified security framework with centralised policy management and automated threat response.

**Achieve a consistent security posture and centralised policy management across all clouds**

## USE CASE 4

### Optimised multi cloud traffic and cost management

Eliminate inefficient routing and high data egress charges by creating an optimised network fabric across clouds. The solution provides intelligent traffic steering, bypasses costly native gateways while ensuring predictable application performance.

**Before:** Unpredictable performance and spiralling costs from complex native gateways and internet dependency.

**After:** An optimised, cost-effective connectivity fabric with full visibility and control over the cloud spend.

**Enable predictable performance and reduce total cost of ownership by over 30%**

## TATA COMMUNICATIONS ADVANTAGE

**AI-driven insights:** Embedded AI for topology discovery and performance optimisation

**Full-stack networking:** Coupled with our core services to deliver flexible underlay-to-overlay connectivity

**Built on tier-1 infra:** Tata Communications owned network backbone with 100% uptime SLA

**Deployment flexibility:** Self service capability, consulting and service packs

**Flexible connectivity choices:** CSP Internet and native integration with IZO™+ Multi Cloud Connect

## ANALYST RECOGNITIONS

**Gartner**
Leader in Gartner Magic Quadrant for Global WAN Services 2025 (12th year in a row)

**AVASANT**
Leader in Avasant Network Managed Services 2025 RadarView™

**≡IDC**
2023 IDC MarketScape Leader: Asia/Pacific Managed Multi cloud Networking

**IZO™+ | Multi Cloud Network**

#InnovatewithDigitalFabric