



# VPN Site-to-Site

Securely Connect Your On-Prem Network  
to the Cloud — with Full Control

**Set up encrypted, always-on tunnels between your data center and JioCloud—with VPN Site-to-Site that supports hybrid scale, policy-based access, and compliance goals.**

## The Challenge

- **Security and compliance risks:** Connecting over the open internet is a non-starter for security and compliance teams, creating a major roadblock to cloud adoption.
- **High cost and inflexibility:** Traditional leased lines are expensive, slow to provision, and cannot scale elastically with dynamic business needs.
- **Modernisation challenge:** IT teams are caught between the pressure to migrate to the cloud and the limitations of legacy on-premises infrastructure that isn't cloud-ready.
- **Operational complexity:** Managing secure, reliable connections often requires complex configurations and lacks built-in resilience for critical production workloads.



## The JioCloud Solution

**JioCloud VPN Site-to-Site** creates a private, encrypted tunnel between your data center and JioCloud. Traffic stays protected with IPsec, and the connection stays up — ideal for hybrid applications, data sync, backups, or disaster recovery.

You don't need to rip out your existing routers or firewalls. This works with what you already have. And with rapid provisioning and built-in failover, it's reliable enough for production — but flexible enough to grow with you.

## Key Features

- **Encrypted IPsec tunnel**  
Secures all traffic using AES-256 encryption and SHA-based authentication.
- **Always-on connection**  
Keeps cloud and on-prem systems linked, with no manual re-establishment needed.
- **Built-in redundancy**  
Configure failover tunnels and gateways, so connections don't drop if a device or link fails.
- **Works with existing hardware**  
Compatible with most enterprise routers and firewalls — no vendor lock-in or box replacements.
- **Scales without re-architecting**  
Add more tunnels or increase throughput as your needs grow.
- **Quick setup via console or API**  
Skip long provisioning cycles and deploy VPN tunnels in minutes.



## What You Gain

- Secure, encrypted cloud connectivity — without public internet exposure.
- Fast, scalable extension of your private network to the cloud.
- Reduced cost and complexity compared to traditional leased lines.
- Compliance-ready setup with audit visibility and policy-based control.
- A hybrid-ready foundation for migration, DR, and data replication.



## Use Cases in Action

### Enable hybrid cloud

Bridge on-prem systems and cloud apps for secure data exchange, backups, and migrations.

### Migrate without disruption

Move services to cloud gradually — with persistent, policy-driven connectivity.

### Protect sensitive workloads

Avoid internet exposure by tunnelling traffic directly over encrypted, private paths.

### Stay resilient

Ensure availability with redundant tunnels and failover configurations built for business continuity.

## Who It's For

**Network architects and engineers** - design secure, scalable hybrid network topologies

**Cloud infrastructure teams** - integrate cloud workloads into enterprise environments

**CISOs and compliance teams** - enforce secure communication and audit control

**IT operations managers** - ensure performance and uptime across hybrid stacks

**Disaster recovery planners** - build always-on links for DR and failover readiness

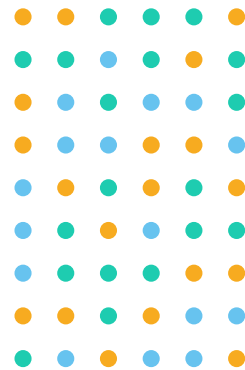
## Why JioCloud

Fully integrated with JioCloud networking and management console

No third-party appliances or contracts — fully cloud-native and self-service

In-region deployment for low latency and data residency compliance

Backed by enterprise-grade SLAs and local support



## Ready to Extend Your Network Securely?

Reach us at [jpl.cloudsales@ril.com](mailto:jpl.cloudsales@ril.com) or visit [\(website\)](#) to get started with **JioCloud VPN Site-to-Site**.

