

The Digital Infrastructure Fabric

The Interconnect Foundation for AI & Digital Transformation

THE VISION & THE FABRIC

Connect Data Centers & Clouds. Instantly. Securely. In the age of AI and rapid digital transformation, your network is either a bottleneck or a competitive advantage. Sify's **Digital Infrastructure Fabric** provides a unified, programmable foundation designed to fuel the next generation of enterprise growth.

Our Fabric Philosophy:



REACH

A dense physical network linking **1700+ cities, 4200+ PoPs, and 120+ interconnected data centers.**



SCALE

A multi-terabit core backbone with **400GE/800GE-ready** metro rings across 24 key cities to handle data-intensive workloads.



INVEST

Purpose-built infrastructure including **NVIDIA-ready**, liquid-cooled data centers and an integrated NaaS (Network-as-a-Service) platform.



FUTURE

Next-generation innovations like **60-second DCI provisioning** through **Sify OnNet** with full self-serve API integration.

The Sify Standard:



120,000+ km

of physical fiber routes delivered across India.



60 Seconds

to deploy and activate a secure DCI connection.



10 Mbps to 100 Gbps+

on-demand bandwidth scaling to grow with your workloads.



25 Years

of pioneering experience in operating mission-critical networks.

DCI & ONNET AUTOMATION

Networking at the Speed of Your Business

Traditional telco models with 90-day lead times and rigid contracts cannot support modern agility. Sify Onnet turns your physical network into a software-defined asset, moving your deployment timeline from months to minutes.

Why Move to Sify Onnet DCI?



PRIVATE & ISOLATED

Dedicated Layer 2 EVPL circuits ensure your traffic is isolated from other tenants.



SELF-SERVE CONTROL

Manage your entire fabric via a unified portal with real-time per-port utilization visibility.



NO TELCO DELAYS

Eliminate manual provisioning and rigid fixed-bandwidth tiers.



HIGH AVAILABILITY

Physically diverse fiber paths and a carrier-grade optical backbone provide rapid failover and backed performance.



Operational Use Cases:



MULTISITE NETWORKING

Deploy hub-and-spoke or full-mesh topologies on demand across a vast DC ecosystem.



ROBUST UNDERLAY

Provides the deterministic, low-latency Layer 2 underlay required for high-performance SD-WAN overlays.



DATA MIGRATION

Replicate workloads and move massive datasets between sites fast and securely.

SPECIALIZATION FOR AI & MULTI-CLOUD

Fuelling the Realities of AI: AI training and inference demand more from every network layer. Sify provides a high-performance, **lossless transport** fabric engineered specifically for massive east-west data movement and GPU cluster-to-cluster connectivity.



GPU CLUSTER INTERCONNECT

High-capacity DCI designed for uninterrupted model training across facilities.



EDGE AI READINESS

Edge POPs and dense metro fiber located close to users for latency-sensitive inference and data creation.



DETERMINISTIC PERFORMANCE

Predictable latency and jitter with zero tolerance for packet loss during model ingestion.

Sify Cross-Cloud Interconnect (CCI): Direct Hyperscale Access Eliminate "cloud-hops" and unpredictable latency with direct, private on-ramps to **AWS, Azure, GCP, and Oracle**. We offer four paradigms to fit your specific architecture:



X-CONNECT (COLLOCATED)

Zero-hop access for equipment within a Sify DC.



DEDICATED LAYER 1

Transparent optical point-to-point links (On-Prem to Cloud).



DEDICATED + SHARED

Physical L1 access bridging into a shared L2 MPLS/IP core.



SHARED/HOSTED CONNECT

Software-defined, agile Layer 2 overlay for rapid virtual scaling.

From data to GPU to user, Sify delivers full-stack control over data centers, fiber networks, and cloud on-ramps. **Experience the future of digital readiness today.**

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