

MPLS

Cognizant technology solutions integrate a scalable platform



Cognizant is a NASDAQ-listed, US-based organization delivering a full range of application outsourcing, business process consulting and system integration services. As experts at managing highly complex, long-term engagements, Cognizant draws its client base from Global 2000 organizations.

Leaving the Legacy Behind

Increasing its global reach through business diversification, Cognizant realized a vital need for transcontinental connectivity and efficient security mechanisms. The existing, legacy IPL network, responsible for interconnecting their various offices, was expensive, tedious and difficult to coordinate with multiple telecom operators and networks. On the legacy network, new locations could not be seamlessly integrated, leasing bandwidth was not economical and rerouting of traffic was difficult to manage.

Networking Limitless Possibilities

Cognizant realized that their existing network was proving to be an inhibitor rather than a business enabler. They approached Tata Communications with diverse requirements for integrating their disbursed development centers (seven within India, four in the US and one in the UK and China). Cognizant required any-to-any connectivity, as their India development centers needed to be able to connect to any of their worldwide centers.

Getting to the Core

Tata Communications migrated Cognizant's existing WAN to an L3 MPLS network. Our network integrated their worldwide user base, provided future scalability, offered the option of running security encryptions, and ensured reliability in delivering maximum uptime. In the event of a disaster, an automatic failover happens, allowing all of Cognizant's domestic locations to connect to our Disaster Recovery Center (DRC) in Chennai, India.

“ As our company grows, so does our network, but without cost burdens or network issues. ”

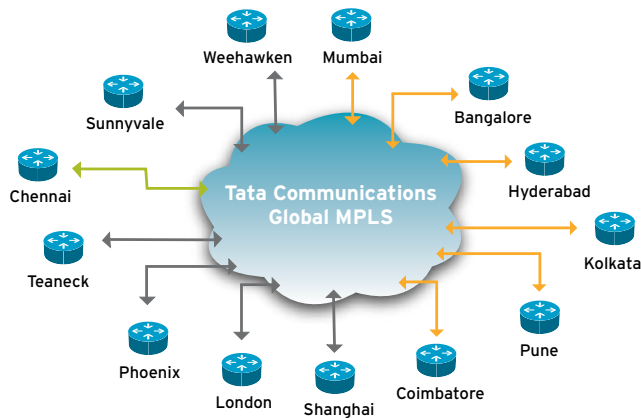
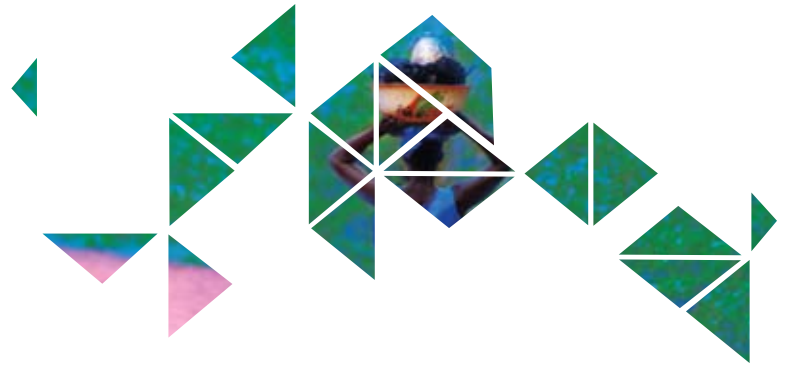
K Chandrashekar,

Vice President
Cognizant Technology Systems



CASE STUDY
Network

MPLS



Tata Communications' MPLS Solution for Cognizant

- _ End-to-end turnkey service provisioning
- _ Fully managed redundant infrastructure
- _ Multiple last mile access options delivering desired uptimes
- _ Real-time network management system reporting
- _ Cost-effective, secure, legacy free private network on shared platform
- _ Scalable network, in terms of reach and bandwidth
- _ Disaster recovery and business continuity solutions

Success Parameters

Tata Communications' MPLS platform seamlessly integrated Cognizant's domestic operations with their global business. Cognizant was able to leverage our built-in security and triple play support for future applications. Our network's

simple, any-to-any configuration can grow with Cognizant's global business expansion, enabling voice, data and video convergence onto a single network infrastructure. Traffic is prioritized and implemented for enhanced network performance. The QoS split for traffic is 20% for voice and 80% for data.

Cognizant's service delivery capability relies on its network. It was critical to outsource their network requirements to the right service provider. Simultaneously, they wanted to protect investments in their existing infrastructure. Tata Communications was able to address both concerns. Since our network is Cisco powered, seamless integration with Cognizant's existing Cisco network infrastructure ensured investment protection.

Why Cognizant Chose Tata Communications

Tata Communications offered Cognizant superior global network scale and proven experience in developing industry-specific vertical solutions especially for the IT/ITES sector. Our fully owned, highly redundant, national and international connectivity infrastructure ensured seamless integration of Cognizant's global and domestic business operations.

We offer the largest number of IP PoPs across India, with over 350 MPLS PoPs across India and 16 super PoPs reaching into business centers in 12 countries across four continents. Tata Communications provided Cognizant with a reliable, flexible and cost-effective solution though last mile ownership at most locations.

For more information on MPLS, please visit:

www.tatacommunications.com/contact

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