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About Microscan ›

Microscan is a leading provider of high-performance networking solutions, specializing in all-fiber-based services to deliver secure, stable, and carrier-grade connectivity. Established in 1999 by visionary entrepreneur Sandeep Donde, Microscan operates a robust network of 1800+ km of owned optic fiber across Mumbai, Navi Mumbai, Pune, and beyond. Our extensive infrastructure connects major Cable Landing Stations and Internet Data Centers, ensuring seamless and reliable solutions for diverse customer needs. We are an NLD service provider and Infrastructure Provider 1 (IP-1) with a Class A ISP License (Pan India) issued under Microscan Internet Limited, as well as licenses for Cloud IP Broadcast and Distribution.

Our Vision ›

Microscan aims to set global benchmarks in networking and fiber optic solutions. Guided by our founder's innovative vision, we focus on enabling organizations with digital-first approaches, operational excellence, and customer-centric services, shaping the future of connectivity.

Products & Services ›

Internet Leased Line:

Our Internet Leased Line solution empowers our customers with dedicated premium 1:1 symmetric internet bandwidth. It is bundled with enhanced security feature through clean pipe solution (DDOS detection & mitigation). We are connected to Extreme / De-cix and Premier Internet Exchanges for optimizing content delivery and have direct peering relationships with Google, Facebook, Akamai, Limelight, Netflix, Microsoft, Amazon, Fastly and many OTT Service Providers.

Service Options:

- **Premium Dedicated Internet Leased Line Circuits**
- **Bandwidth on demand**
- **SME & SOHO**

Secured Multi-point Connectivity:

Our P2P and P2MP symmetric dedicated bandwidth solution extends a private and secured network for business. It is delivered on point-to-point (P2P), point-to-multipoint (P2MP) topologies using highly redundant n*100 Gig OTN Core. We offer multiple, scalable bandwidth options starting from 10 Mb to 10 Gig and multiple of 10 Gig / 100 Gig / 400 Gig connectivity.

Service Options:

- **Point-to-Point (P2P) and Point-to-Multipoint (P2MP) intra & intercity Data Connectivity links**
- **10 Mb to 1 Gig provisioned on L2 MPLS with Ethernet Hand-off. Sub-rate 10 Gig, 10 Gig& 100 Gig are offered using OTN on Huawei/ Ciena muxes with 10 Gig LAN Phy/ WAN Phy & 100 Gig LR-4 hand-off**

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Low-latency Solutions:

Microscan is pioneer in providing low-latency solutions with-in India connecting major exchanges i.e. NSE, BSE and MCX, Gift City IFSC INX. We do provide low-latency solutions from India to Europe & India to Singapore. Multiple bandwidth options are available to suit the requirements of the high-frequency and algo trading community.

Peering Solutions:

Microscan provides premium network interconnection services. We support this by peering with major Internet Exchanges (IX) in India like Extreme IX & DE-CIX. We offer peering services on the advance layer2 switching platform which enables ISPs to peer with hundreds of networks almost instantly. Microscan provides flexibility to ISPs for connecting to our distributed POP locations within Mumbai, Navi Mumbai and Pune, which allows ISPs to peer remotely and get inter-connect to all the major content providers like Akamai, Limelight, Fastly, Google, Microsoft, Facebook, Netflix, Apple & many more.

Service Options:

- **Dedicated IX Port at Extreme / De-cix Internet Exchange, available at 1G, 3G, 6G and 10G**
- **Shared Port, available from 200M onwards**

Direct Cloud Connectivity:

Direct CLOUD is a dedicated connection between your Office and a chosen cloud service provider like Amazon, Microsoft, Google & Oracle.

This bypasses the internet and hence guarantees more reliability, faster speeds, and lower latencies than typical Internet connections.

Salient Features:

- **Direct Connect to Cloud providers (AWS/Azure/Oracle/Google)**
- **Secure with guaranteed bandwidth**
- **A secure connecting bypassing the internet**
- **Stable packet routes**
- **A single connecting for multiple cloud providers**
- **Protected against DDoS attack.**

Quality Management ISO 9001:2015 | Service Management ISO 27001 | Service Management ISO 20000-1

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