About Microscan ›

Microscan is a premier service provider of all-fiber based high-performance networking solutions. We deliver our convergent services over 950+ Kms of owned optic fiber infrastructure in Mumbai, Navi Mumbai and Pune, resulting in secure, stable and robust Carrier Grade Network. Our fiber is available across all Cable Landing Stations and Internet Data Centers in Mumbai & Navi Mumbai. We hold following licenses: NLD Service Provider, Infrastructure Provider 1 (IP-1), Internet Service Provider Class B (Mumbai and Maharashtra), Multi System Operator "MSO" DAS Lic all India, Cloud IP Broadcast and Distribution.

Our Vision ›

Our vision is to achieve new standards of excellence in the information technology and networking domain and to become the 'service provider of choice' for our prestigious clientele. Customer satisfaction is the core of our work.

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 Internet Exchange for optimizing content delivery and also have direct peering relationships with Google, Facebook, Akamai, Limelight, Netflix, Microsoft, Amazon, Fastly etc.

Service Options:

- **Premium Dedicated Internet Leased Line Circuits**
- **Premium Secured (Clean pipe) Dedicated Internet Leased Line circuits**
- **Burstable Bandwidth option**
- **Enterprise grade broadband Solution**

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 2 Mb to 10 Gig and multiple of 10 Gig/ 100 Gig connectivity.

Service Options:

- **Point-to-Point (P2P) and Point-to-Multipoint (P2MP) intra & intercity Data Connectivity links**
- **Fiber Channel SAN for Data Center and near DC storage solution**
- **2Mb 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 boxes with 10 Gig LAN Phy/ WAN Phy & 100 Gig LR-4 hand-off**

Low-latency Solutions:

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

Service Options:
- **Dedicated IX Port at Extreme Internet Exchange, available at 1G, 3G, 6G and 10G**
- **Shared Port, available from 200M upto 6G**

Fiber Channel SAN:

Disaster recovery plans are crucial for an organization for restoring its IT infrastructure and business-critical operations in situations when its primary operations are affected by a natural or man-made disaster. Near Disaster Recovery is one of the options used by many organizations as a part of business continuity plan or due to statutory mandates.

Fiber Channel as technology is one of the best options for near DR as it simple deployment using native hardware layer and does not need special replication servers and software while offering the lowest latency and best performance.

Salient Features:
- **Fiber Channel solution for Near DR**
- **No software replication latency**
- **Less than 2 milli-sec DC to DC latency**
- **IP based Point to Point for Far DR**
- **Fiber Channel Port Speeds of 2,4,8,16 Gigabits**
- **Optical Network based switching**

ISO 9001:2015   ISO 27001   ISO 20000-1