

# Internet Leased Line (ILL)

## Overview



- ILL is an always on Internet connection based on leased line access (i.e. dedicated access).
- Required by heavy users like educational institutes, big cyber café, small and medium corporate house who need to constantly remain online with Internet.
- Bandwidth speeds starting from 64 Kbps to 2/8/34/45/155 Mbps & 1/1.5/2 Gbps & beyond Ethernet connectivity can be deployed

**Bharat Sanchar Nigam Limited**  
**Rajasthan Telecom Circle**

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## Features



- BSNL is the largest ISP (Internet Service Provider) of India
- ILL service of BSNL is given from the NIB-II network of BSNL.
- NIB-II provides a diversified range of internet access services
- NIB-II is capable of on-line measurement and monitoring of network parameters such as latency, packet loss, jitter, usage and availability so as to support SLAs with customers.

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## Applications



- It is possible to associate a pool of permanent IP addresses with a particular ILL.
- ILL enables hosting of variety of services such as mail, FTP, WWW, DNS, Proxy etc. and provide a platform for enterprise intranets and extranets.
- ILL bandwidths up to 2Mbps are provided using modems on copper pair. However, large bandwidths are provided using OFC in the last mile.

# Internet Leased Line (ILL) Maintenance Support



- 24 x 7 NOC support
- Primary NOC at Bangalore and Disaster Recovery (DR) NOC at Pune
- Single Window Access for Provisioning / upgrading
- Fault Management
- Toll Free No. 1800 425 1957
- Better Maintenance & Analysis of Circuit Performance.

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