BSNL
Connecting India

ENTERPRISE BUSINESS SOLUTIONS
BY BSNL

DATA SERVICES
ILL – MPLS – P2P

Internet Leased Line

Single Port
- Public Cloud
- Corporates
- ISP Business
- 1:1 1:2 1:4

MPLS VPN

Dual Port
- Secured Network
- Label Switching
- Intranets
- Hub Spoke

LC P2P

P2P

Pair of Nodes
- L2 Switching
- Repeaters required
- Cable Business
- ISP Business

VPNoFTTH

Secured Tunnel
- Private over Public
- Bulk Booking
- Economical
- E-stapling

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DATA SERVICES
MPLS Multicasting - VSAT
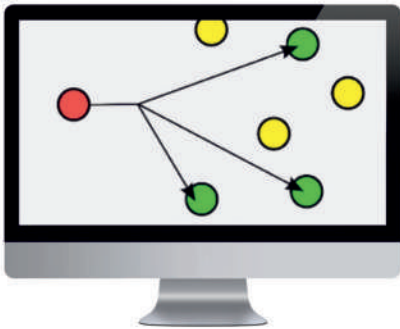
MULTICASTING

Hub Spoke
- Content Delivery
- Headend - LCO
- 1 Gig BW
- Min. 10 Spokes

VSAT

Satellite Comm.
- 2 Mbps
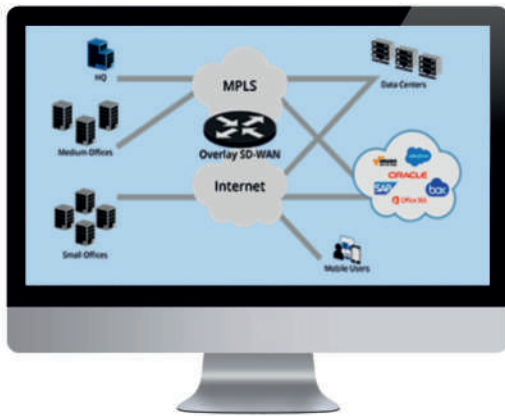- 512 Kbps workable
- TNF areas
- IDU and ODU

Dark Fibre

Dark Fibre Leasing
- Competitive rates
- Voluminous Business
- Target Segment - Cable TV, ISPs

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SPECIAL SERVICES
SDWAN & MNS

SDWAN

Software Defined WAN
- Reduced Cost with high availability simplifying operations with automation
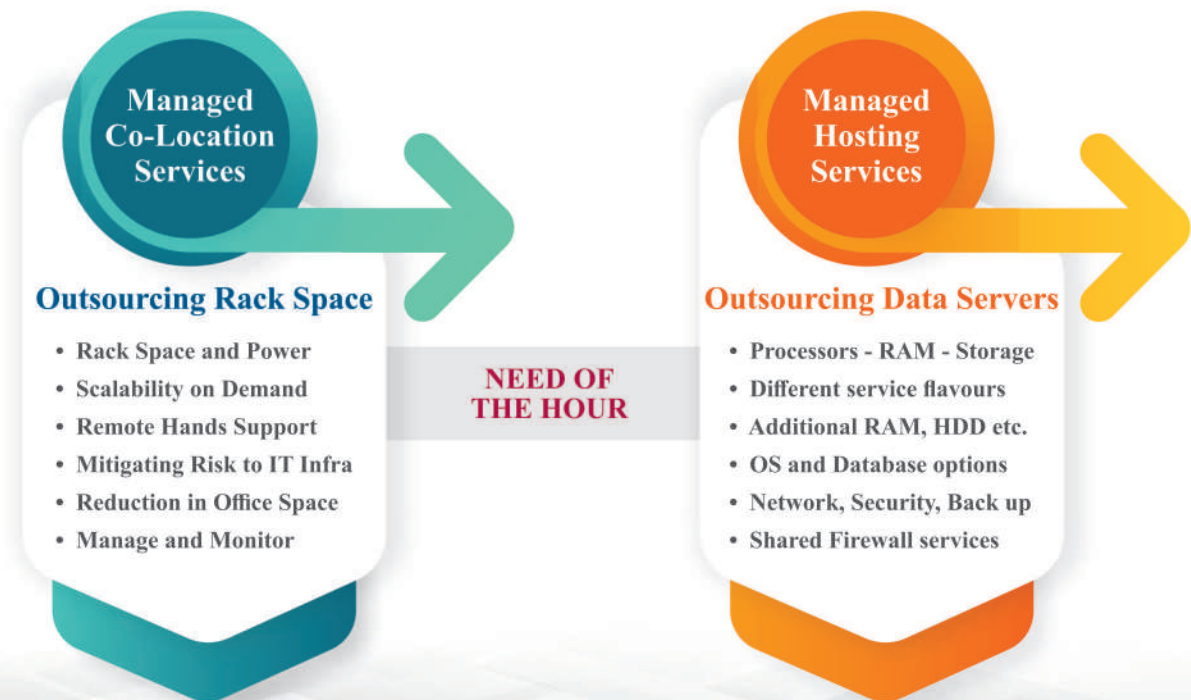- Integrated threat protections

MNS

Managed Network Service.
- Equipment Installation
- Technical Support
- Proactive Service Monitoring

IDC SERVICES
Managed Services

Managed Co-Location Services

Managed Hosting Services

NEED OF THE HOUR

Outsourcing Rack Space

- Rack Space and Power
- Scalability on Demand
- Remote Hands Support
- Mitigating Risk to IT Infra
- Reduction in Office Space
- Manage and Monitor

Outsourcing Data Servers

- Processors - RAM - Storage
- Different service flavours
- Additional RAM, HDD etc.
- OS and Database options
- Network, Security, Back up
- Shared Firewall services

Mumbai   Ahmedabad   Jaipur   Ghaziabad   Faridabad   Ludhiana

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GLOBAL SATELLITE PHONE SERVICE

SATELLITE PHONE

Your IsatPhone

Programmable assistance button
Ear piece
Ambient light sensor
LED tracking indicator
LED status indicator
Handsfree rest

Tracking button
Volume up key
Volume down key
Screen

Right selection key
Navigation keys
Left selection key
Call button
Centre selection key
End button

Handsfree rest

Keypad
Microphone

Micro USB port
USB/audio protective cover
2.5mm audio connector
Strap attachment point
LED status indicators

INMARSET 4

MARKET SEGMENT

Government, Commercial Enterprises, Authorized Individuals, & Disaster Management Agencies etc.

- L- band Solution
- Constellation of Inmarsat I6 satellites
- BSNL Gateway at ALTTC Ghaziabad
- 8 Hours talk time
- Humidity tolerant
- Dust and shock resistant
- reliable and secure voice and message communications
- has an Alert Button feature that can automatically dial an emergency number, display the phone's GPS location, and send SMS messages

Separate Govt. and Commercial Plans (Few Basic Charges) :

- Handset Cost (Rs. 90000 + GST)
- Prepaid and Postpaid plans available
- Individuals can also avail the GSPS connection.

CAF and Documents:

- Duly filled CAF Form
- Address Proof
- ID Proof
- Authorization letter (in case of organizations)
- Undertakings (if required)
- Details of users (in case of organizations)

NGN - OUT BOUND DIALING
OTHER SERVICES

OBD is based on the Next Generation Technology

- Useful for Telemarketers and Entities
- Voice based messages unlike text messages
- Government Authorities and Political parties can avail
- Health related voice messages
- Environmental sustainability messages

Requirements

- Audio File in .wav or .mp3 format
- List of contacts of the intended recipients
- Preference for scheduling the calls
- Billing of OBD service on Submission basis
- Environmental sustainability messages

SIP Trunking

- Path forward to PRI EPABX
- Tariff on Concurrent calls
- Scalable service

BSNL

Inflight and Maritime Connectivity (IFMC)
(IFMC)

MARKET SEGMENT
Government and Commercial Enterprises (Aviation & Maritime)

- Ka - Ka band Solution
- Constellation of Inmarsat I5 satellites
- BSNL Gateway at ALTTC Ghaziabad
- Seamless Connectivity with Inmarsat Global Network
- High throughput upto 50 Mbps feasible
- reliable and secure Data communications
- provides L-Band back up solution (in case of Vsat failure)

Separate Govt. and Commercial Plans (Few Basic Charges) :

- Postpaid plans available

CAF and Documents:

- Duly filled CAF Form
- Address Proof
- ID Proof
- Authorization letter (in case of organizations)
- Undertakings (if required)
- Details of users (in case of organizations)

D2D (Direct - to - Device) Service
for demonstration
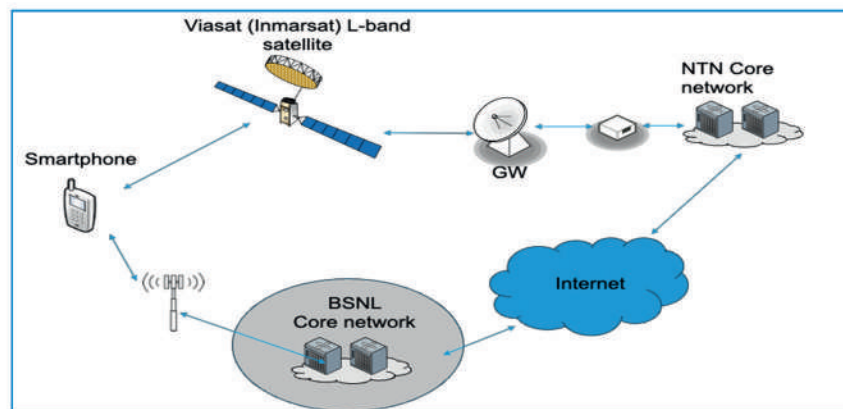
D2D Service

- Direct-to-device, or services delivered from satellite to a mobile phone (or consumer device or IOT sensor)
- Direct-to-device (D2D) connectivity refers to the convergence of satellite and terrestrial connectivity.
- It means devices and things which previously could only be connected through terrestrial means, will now be connectable via satellite also
- This convergence is being driven by 3GPP's Release 17 Standards which are being adopted by satellite operators.
- BSNL partner Inmarsat is first to launch a global direct-to-device network and demonstrating same in IMC 24.
- Messages via Satellite and Emergency SOS via Satellite services are being demonstrated.

BSNL EXPRESSES GRATITUDE

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