LOYAL

TELESYSTEMS PVT. LTD.

www.loyaltelesystems.in

PRODUCT PORTFOLIO
PLANS

- ✔ BUSINESS BROADBAND
- ✔ PREMIER BROADBAND
- ✔ CLEARPATH NETWORK SERVICE
- ✔ WHOLESALE CONNECTIVITY SERVICE
- ✔ VOICE CONNECT SERVICE
- ✔ INFRASTRUCTURE DATACENTER SERVICES

Product Portfolio Plans

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Business Broadband

High-quality broadband service targeted for Corporates, SMEs and SoHo.

Premier Broadband

Heavy-usage broadband service targeted for Cyber Cafes

Clearpath Network Service

1:1 Internet Direct Access

MPLS L3 VPNs for point-to-point IP connectivity

Wholesale Connectivity Service

High-capacity Internet pipes

Voice Connect Service

VoIP Services

Infrastructure Datacenter Services

Datacenter Services for Data Storage, Application Hosting and Application
Management, Remote Infrastructure Management

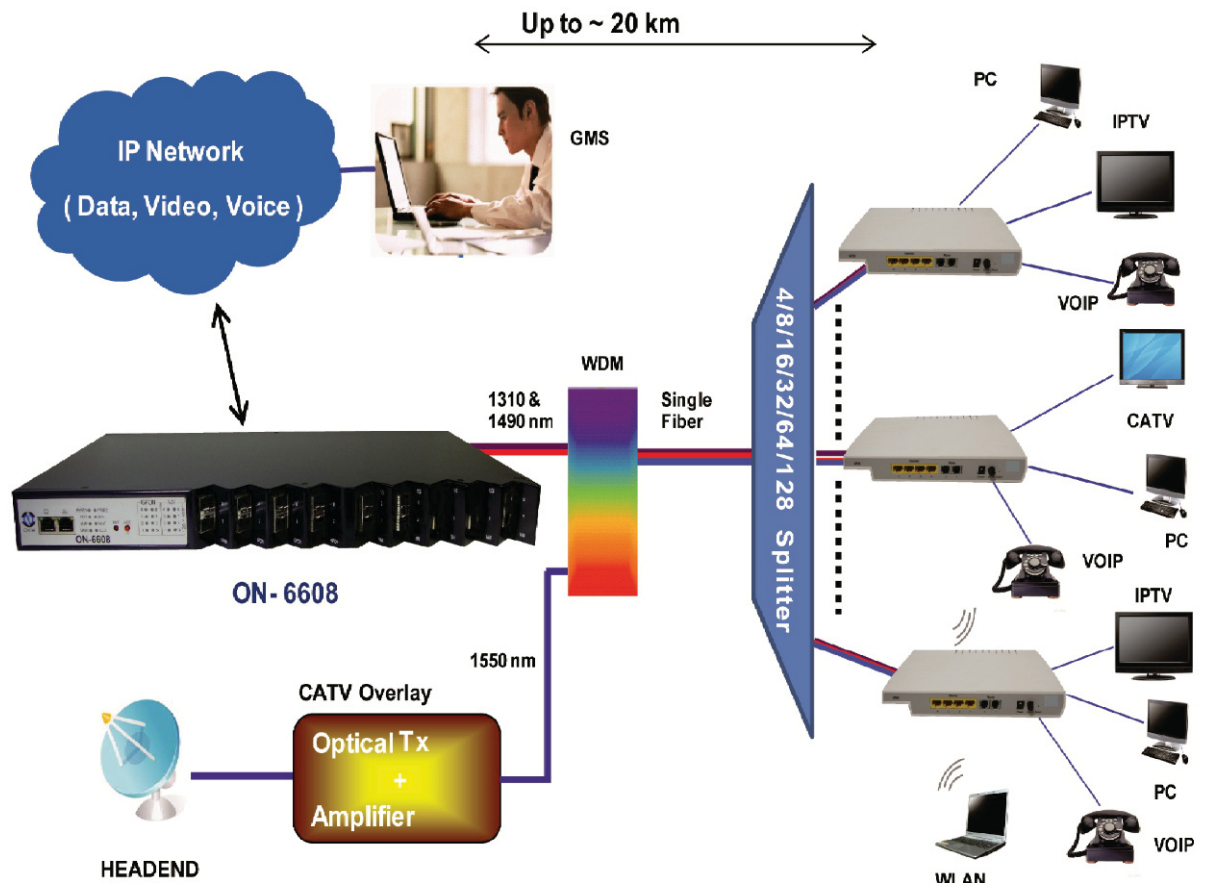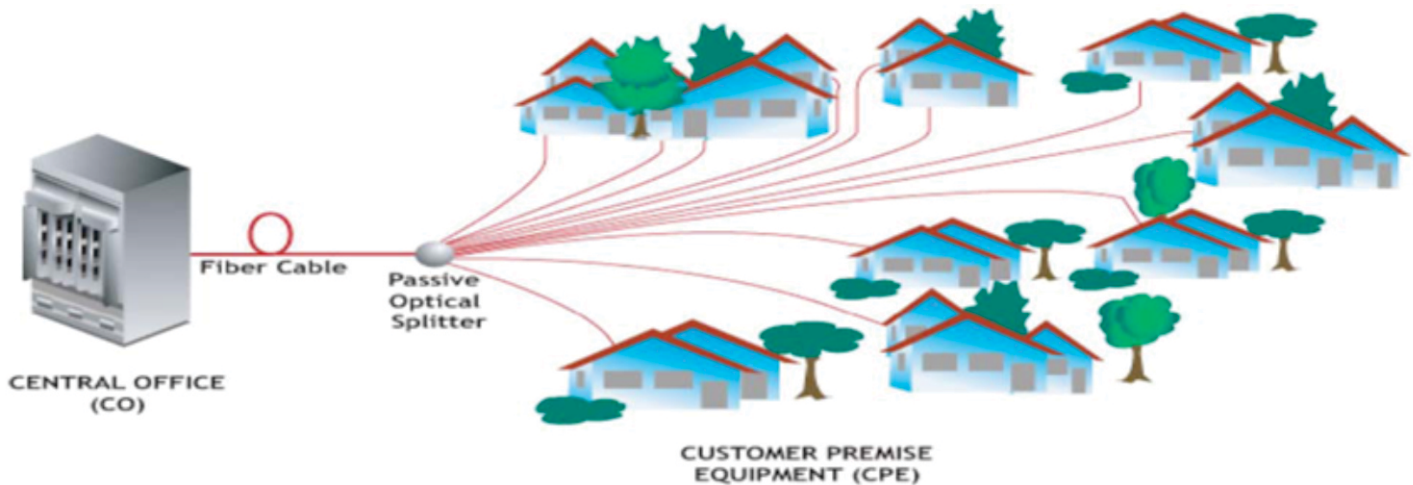| TELECOM	NETWOKING	SECURITY / INFRA
Active: Firewall Core Switches Routers Blade Servers Storage Devices **Passive:** Cat5E, Cat6E, Cat7 Cable OFC Raiser Cable Network Cable Server Racks	Cat5e, Cat6E,Cat7 Cable MPLS, Point to Point, Pont to Multipoint Internet Data Center WiFi Routers, Access Points, CPEs Audio/Video, Board Room Solutions Public Addressing Systems Voice Swithches CC/BPO Solutions VoIP	IP Surveillance Cameras Access Control / Biometric Solutions RFID Solutions Vehicle Tracking / Monitoring System Baggage Scanners

GPON Technologies

One of the hottest trends in consumer telecom services is called the "residential triple play" This is a bundling that combines three electronic services that nearly every home subcribes to. They are Digital CA TV, Telephony and High Speed Internet.

SURF

TALK

WATCH

Up to ~ 20 km

IP Network
(Data, Video, Voice)

GMS

PC

IPTV

VOIP

CATV

PC

VOIP

IPTV

PC

VOIP

WLAN

4/8/16/32/64/128 Splitter

WDM

1310 & 1490 nm

Single Fiber

ON - 6608

1550 nm

CATV Overlay

Optical Tx
+
Amplifier

HEADEND

Advantages of LOYAL PON

Not only does reduce the amount of fiber required, but a single transceiver serves multiple customers instead of requiring one per customer

Fiber Cable

Passive Optical Splitter

CENTRAL OFFICE (CO)

CUSTOMER PREMISE EQUIPMENT (CPE)

GPON FTTH Technology

✦ High Speed Data

✦ High Bandwidth Multi-Play Applications

✦ Higher Bandwidth & Better Efficiencies

✦ Surveillance

✦ Better Maintanance & Security Mechanisms

CABLE TV **INTERNET** **TELEPHONY**

STRENGTH IN WIRELESS

LOYAL
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Radio Frequency Engineering

✦ Tower Design, Eriction along with LOS

✦ RF Network Plannizng & Design

✦ Drive Test & Network Optimization

✦ RF & LOS (Line of Site) Survey

✦ Network KPI Analysis & Post Processing

✦ Multimedia wireless LAN (WLAN) solution for Enterprise, SMB, and hot zone operators

✦ Designed to make WLANs easy to deploy and manage, secure, ansd reliable

✦ Provides an affordable, secure, robust, and easily expandable WLAN solutions:

  ◆ Smart antena technology (BeamFlex)

  ◆ Wireless QoS (SmartCast)

  ◆ Wireless mesh networking

  ◆ Automatic client security configuration (Zero-IT Activation and Dynamic PSK)

INDOOR OR OUTDOOR DEPLOYMENT

✦ Can be deployed as standalone Aps within a hostspot or with the ZoneDirector as part of a centralized WLAN system

✦ Designed for high density data and voice environment

✦ Integrated high-gain directional smart antenna array provides 2 to 4 times extended coverage over conventional enterprise AIPs

✦ BeamFlex technology provides automated interference avoidance and mitigation

✦ Multiple SSID support enables different classes of service per WLAN

CCTV Network

CCTV is highly important from security stand point, It's main function is to record footage of a certain area or premises to ensure that no crime goes on with in them.
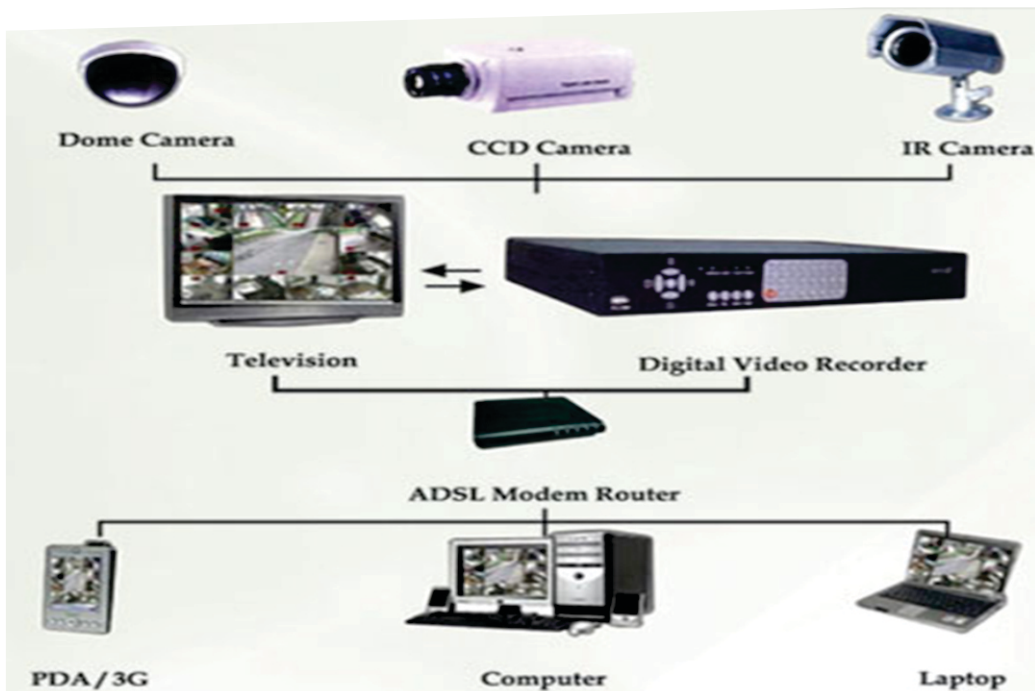
Features
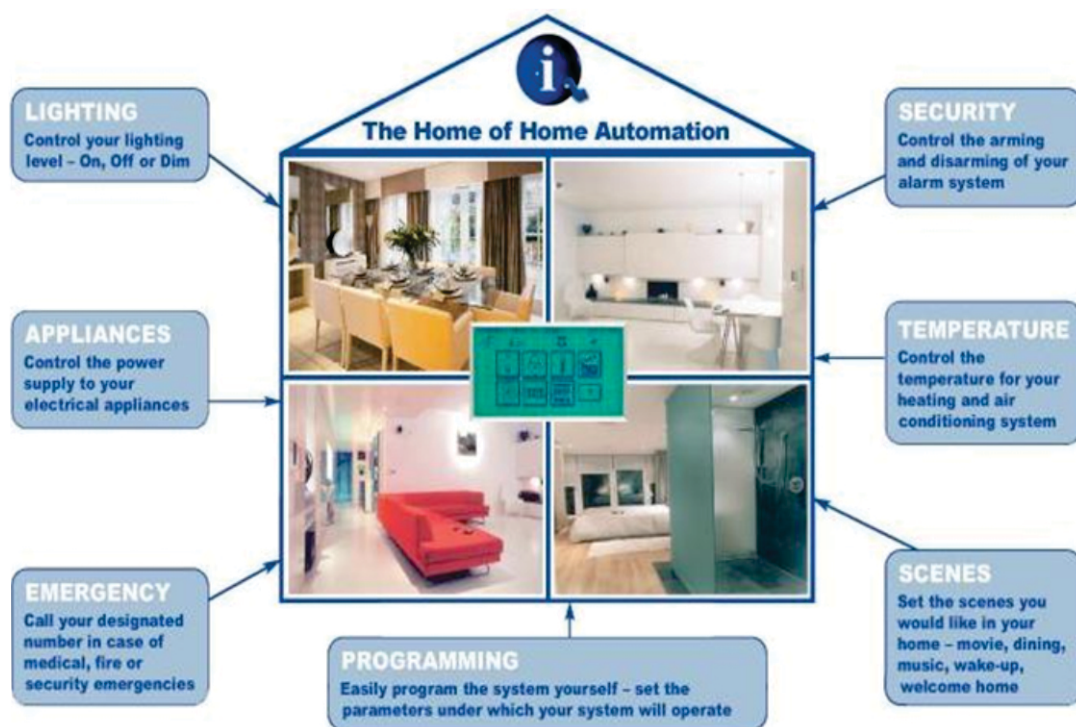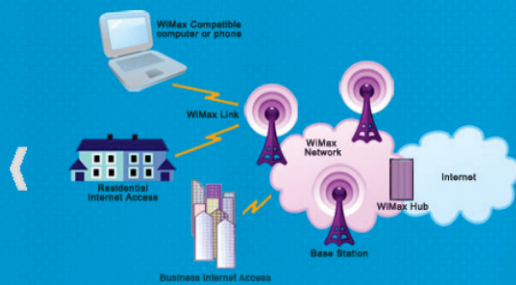
Remote Session

Schedule Playback

Scheduled Recording

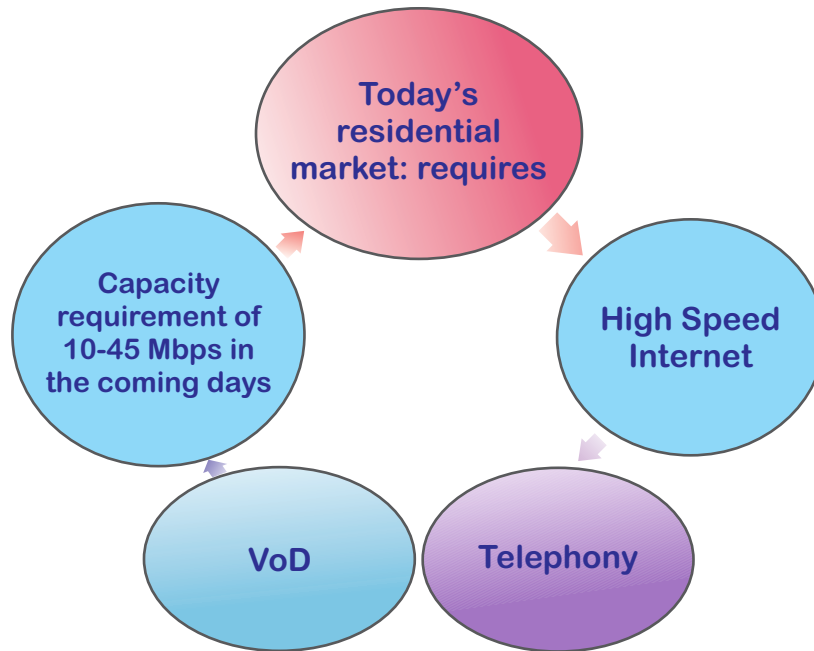Live and Play Back

Remote Viewing

HOME AUTOMATION

The Home of Home Automation

LIGHTING
Control your lighting level – On, Off or Dim

APPLIANCES
Control the power supply to your electrical appliances

EMERGENCY
Call your designated number in case of medical, fire or security emergencies

PROGRAMMING
Easily program the system yourself – set the parameters under which your system will operate

SECURITY
Control the arming and disarming of your alarm system

TEMPERATURE
Control the temperature for your heating and air conditioning system

SCENES
Set the scenes you would like in your home – movie, dining, music, wake-up, welcome home

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COMMUNICATION
AUTO CURTAIN
HOME ENTERTAINMENT
MOODS
HOME AUTOMATION
GARAGE
AUTO SPRINKLERS
AUTO LIGHTING
HOME BACK UP SYSTEM
SECURITY
eCAM

WiFi BUILD-OUT PLAN

- ✓ ACHIEVE MAXIMUM GEOGRAPHICAL FOOTPRINT
- ✓ ACHIEVE COMPLETE COVERAGE + ADDRESS SUBSCRIBER DENSITY
- ✓ ADDRESS RESIDUAL SUBSCRIBER DENSITY ISSUES

Today's residential market: requires

High Speed Internet

Telephony

VoD

Capacity requirement of 10-45 Mbps in the coming days

✦Bangalore ✦Chennai ✦New Delhi
✦Mumbai ✦Vizag

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