COMPANY PROFILE

ConnecTel
CONNECTING NETWORKS

COMPANY PROFILE

Introduction:

Web Concepts (Pvt.) Ltd. (WCPL) was established in the year 2000. The company envisioned to establish state-of-the-art network infrastructure by utilizing leading edge technology to deliver reliable and secure next-generation network services to Corporate, Enterprise and SOHO market segments. Having this dream in the backdrop, WCPL team strived day and night to establish a Robust, Reliable and Resilient network architecture and develop a team of creative and seasoned professionals. And now after 9 years, we have established state-of-the-art Fiber Optic (FTTx) network and hybrid wireless access network, coupled with carrier class core network architecture, which is servicing our clients to their satisfaction. We strongly believe that businesses don't just grow with technology, but with integrity, continuous innovation and commitment to deliver the best to the customer, and that is what exactly we practice in business. We always design our solutions having WIN-WIN strategy in our minds, and we let ethics drive our intention, not profits.

To operate this network, WCPL uses the brand name of **ConnecTel** and holds FLL (Fixed local Loop) license from Pakistan Telecommunication Authority, which empowers us to provide Voice, Data and Video services in three major telecom regions of Pakistan:

- **(LTR) Lahore Telecom Region**
- **(MTR) Multan Telecom Region**
- **(GTR) Gujranwala Region**

Vision & Mission

Vision:

"*ConnecTel's vision is to become the leading Internet and Telephony Services Providing Company in Pakistan*"

Mission:

"*ConnecTel's mission is to provide Internet, Data, Voice, Metro Last Mile and IT solutions to corporate customers using fiber optic and wireless technologies. We believe in providing services that are innovative, fast, reliable, redundant and of top quality. Although, currently we are providing services in Lahore, Gujranwala and Multan Telecom Regions through our widespread network, we wish to expand to other regions of Pakistan as well. We want to contribute to the growing IT revolution in the country by fostering an organizational culture in which our work force prospers as the company grows. We believe in developing long term relations not only with customers and employees, but strive to develop partnerships with other visionary IT companies to provide synergy to our clients.*"

Infrastructure

Fibre Optic (FTTx)

At ConnecTel, we leverage our wholly owned, next-generation fiber optic network to deliver a premium High-Speed Internet Service for corporate sector that provides unlimited bandwidth capacities. Our secure bandwidth provides clients the ability to support their mission-critical applications. Our premium services are backed by fastest turn around and response time in case of outages and problems.

Wireless

ConnecTel has installed wireless communication towers, which cover most of the cities we operate in that gives us the ability and flexibility to provide services to small, medium and large corporations at competitive prices. If you want to inter-connect your geographically dispersed corporate offices or data centers, you can count on the efficient services of Connectel.

Internet

ConnecTel uses state-of-the-art network infrastructure to deliver consistently Secure, Reliable and Efficient internet services. Our cutting edge FTTU (Fiber to the User) and Wireless technologies enable us to deliver ultra-high quality business centered internet services to our clients. We have redundant connectivity with our upstream providers and have multi-homing capabilities for failover. We have 24/7 network operations and technical support staff who continuously monitor the network and provide professional support to the customers.

Data

ConnecTel's Data Communication services are delivered over our Carrier Class, High Speed, Multi Gigabit FTTU (Fiber to the user) and high speed Wireless Broadband Network. Our fiber optic technology allows businesses to meet increased data transfer demand, and our scalable network infrastructure can be used to connect multiple sites together to transfer unlimited amount of data at wire speed. Our network is ideal for quality intensive IP services like Live Video Streaming, Voice communication and Telepresence etc. Our network is designed with resilience in mind, that's why it has in-built sophisticated auto failover and redundancy features which enable us to deliver services with 99.99% uptime.

Metro Last Mile

ConnecTel's Metro Last Mile service provides a high speed Ethernet last mile for carriers and service providers i.e. ITSPs, ISPs, Telcos and ASPs. Our Metro Last mile services are delivered over our Carrier Class Ethernet FTTU(x) network. This service can be used by the Service Providers to connect their business partners and subscribers to their Data Centers and deliver their network services at wire-speed. Our network is ideal for New Generation IP services, which includes high density Voice, Video or Data applications. So having ConnecTel as a Last Mile Partner, service providers can focus on developing new and interesting set of services rather than managing the toughest part of the network i.e. The Last Mile.

Voice

ConnecTel specializes in providing most modern and state-of-the-art Voice communication solutions to the corporate sector. We have built a cluster of most advanced, business centered and stable VoIP services keeping in mind the ever-changing requirements of businesses. By providing high quality and cost effective solutions and services, we are penetrating very fast in the telecom market. Our zealous efforts to render a full-circle service, ensuring extreme stability and crystal clear QoS give us a leading edge over other VoIP providers in the country.

Solutions

Our (IT) Information Technology solutions are specifically tailored to our clients' specific business needs. We work on our projects with a partnership approach by giving our clients proper time, taking them step-by-step through need analysis followed by a detailed and customized proposal for their specific requirements. Unlike other IT service providers, our solutions encompass strategic, operational, as well as "technical" understanding - ensuring that our valuable clients get reliable and cost-effective solutions that meet their exact requirements.

Some of our Premier Customers

- Link Dot Net
- Net Sol
- Trans World
- US consulate
- ABL
- Levis
- Azgard 9
- Standard Chartered Bank
- Punjab Social Security Hospital
- Geo TV
- Engro
- Royal TV
- Askari Bank
- Services Industry
- CyberNet

Case Study 1

ConnecTel provided last mile connectivity to a multinational bank in order to connect its various branches and ATMs. The connectivity was built in such a way that it not only provided the client access to all its branches but also provided redundancy to ensure communication for critical banking operations 24 hours a day.

Case Study 2

One of the most famous business groups in Pakistan approached ConnecTel with a problem that needed unique solution. The client wished to connect two of its corporate offices, 10 KM apart in Lahore. ConnecTel, after conducting a detailed client survey, provided the client with Fiber optic connectivity between their offices through our redundant fiber optic ring. This connectivity provided the client with much needed speed and reliability that it required for critical inter office communication. ConnecTel not only connected the corporate offices but also provided the client with 2MB bandwidth. The client is satisfied with the services and plans to connect further offices through our network.

Internet

Reliable and high-speed Internet access is not a luxury anymore; it has become a necessity like any other utility services e.g. electricity, water, etc. Our Fiber-To- The-User (FTTU) network brings you astonishingly fast Internet access and makes data communication fast, reliable and convenient. Use of Fiber as data/voice medium gives speed as fast as the speed of light, i.e., 300,000 km per second.

OptiNet *(Internet over Fiber Optic)*

OptiNet delivers real broadband Internet service over ConnecTel's High Speed Carrier Class FTTU(x) network. Our purpose built carrier class FTTU network provides protection and security to our customers' network traffic, enabling them to manage and mitigate business threatening risks. Our network infrastructure is laid on strong foundations, having security, resilience, redundancy as its base ingredients. That's why we have strongly focused on backup and failover arrangements on every layer of our network.
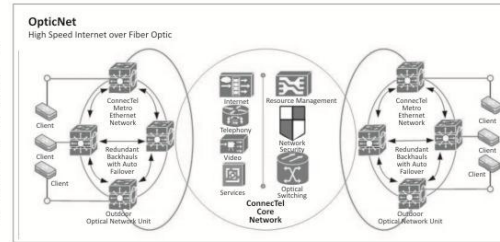
Aero-Net *(Internet over Wireless Link)*

We use Wireless broadband technology that combines carrier-grade toughness with exceptional performance, security, ease-of-use and scalability. We offer wireless connectivity options where fiber connection is either not available or not feasible. We have done numerous successful complete wireless and hybrid projects in the past and have professional expertise in the technology.
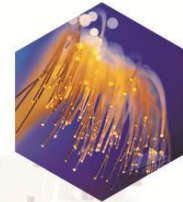
Highlights:

- **Ring Connectivity:** The reliability of your link can be enhanced to provide an extremely resilient networking solution by deploying multiple last mile links to create a ring network to the customer's premises.
- **Guaranteed service levels (SLA):** We provide our customers with guaranteed service levels that are often not achievable by most of the service providers and we strive to achieve them with a professional approach.
- **Global Partnerships:** ConnecTel's global partnerships with companies like Transworld and Mobilink give us the capability to provide clear channel bandwidth for global communication networks, dedicated point-to-point global solutions, geographically dispersed infrastructure throughout the world, International private leased circuits and burstable IP solutions.
- **Freedom to focus:** We assist customers in making their businesses stronger. Our services and solutions enable them to concentrate their energies and resources where they bring maximum return - in running their business - and not in running after their internet connections.

Benefits

- Flexible fiber and wireless options
- Reliable network Connectivity
- 24/7 onsite/remote technical assistance
- Free DNS hosting
- Free email relaying (SMTP)
- On demand bandwidth enhancement
- Blazing fast Internet speed
- Redundant gigabit Backbone
- Scalability and flexibility to upgrade
- Free email routing (MX Route)
- Clear channel IP bandwidth
- On demand QoS implementation

Data

ConnecTel's Data Communication services are delivered over our Carrier Class, High Speed, Multi Gigabit FTTU (Fiber to the user) and high speed Wireless Broadband Network.

E-LAN

The E-LAN service provides a secure Virtual Private Network (VPN) between two or more sites over Layer 2 or Layer 3 which are in the same city. E-LAN connects your corporate LAN to other sites which creates your own private network and enables you to connect computers and servers at LAN speed as if you are in the same office.

City-Connect

City Connect is an Ethernet link used to connect offices in different cities. When incorporating other Ethernet services at each end, this service provides a private point-to-point solution, ensuring quality communications between your locations and enabling you to work faster within a secure environment.

Dark Fiber Link (DFL)

DFL provides the flexibility and security of dark fiber for connecting your own equipment and also the ability to build your own private communication network. Customers receive a dedicated purpose built point-to-point fiber circuit for their exclusive use. With DFL, you have the freedom to use bandwidth up to 10Gb/s and get a dedicated core of fiber optic which guarantees maximum security.
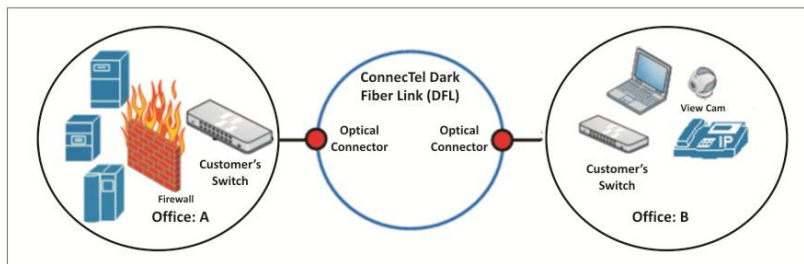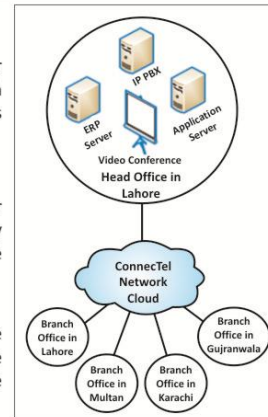
Point-Connect – Wireless Communication

ConnecTel's Point-Connect is based on multi vendor and latest wireless technologies. Our high-performance, wireless solutions operate in multiple frequencies, providing reliable connectivity when and where you need it. We design optimum solution according to the customer's requirement and feasibility. We provide diverse wireless solutions including point-to-point, point-to-multipoint, MESH and hybrid solutions.

Features and Benefits of ConnecTel's Data Connectivity Services

- Quick and easy to connect
- Wire-speed data transfer
- 24/7 technical assistance
- Future investment protection

- Consistently reliable connectivity
- Maximum data security
- Cost effective and adaptable solutions
- Increased operational efficiency

Metro Last Mile

ConnecTel's Metro Last Mile provides a high speed, carrier class, FTTU network connecting business partners and users to the service providers such as ISP, ASPs and Telcos etc.

How Service Providers can benefit from this service?

After establishing a relationship with ConnecTel, all you need is to get your customers connected to ConnecTel's network and we will establish a transparent layer 2 virtual private LAN circuit between your customer and your core network. Service providers are free to manage the routing and IP addressing topology on their own and deliver their sophisticated network services to their customers without the hassle of facing tough challenges of the Last Mile Access Network.

Metro Last Mile Solution for Service Providers Over ConnecTel's FTTU Ethernet Network
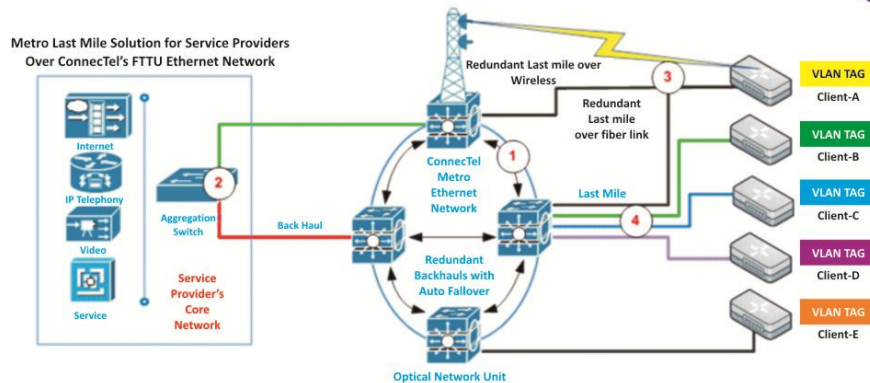
Technology

The beauty of ConnecTel's technology lies in its universal adaptability i.e. "Ethernet", our customers can connect their router or firewall directly into our Media converter. No need for any proprietary hardware or software to benefit from this revolutionary service.

Availability

Metro Last Mile is available in almost every populated area of Lahore, Gujranwala, Multan and Karachi. We are also continuously expanding our footprint, so please visit our website (www.connectel.com.pk) for the updated list of coverage areas.

Scalability

You can easily upgrade from 1 Mbps to 25Mbps to 100Mbps or 1000Mbps - usually this can be done remotely with zero downtime.

Options

We offer two options for connectivity

- **Standard Last mile**

  It's our standard service offering, the Last Mile to the customer premises is transported over a single fiber optic cable, customers who can tolerate accidental or emergency downtimes ranging from 4-6 hours normally can comfortably use this service.

- **Ring Connectivity**

  ConnecTel provides you flexible and secure networking solutions. This can be enhanced to provide an extremely resilient networking solution by deploying multiple last mile links to create a ring network to the customer's premises. Our intelligently designed auto-failover mechanism takes less than 30 seconds to shift your traffic to the backup link if there is any problem in the first one. This service is essential for users who cannot afford anything less than 99.9%.

  ### Features

  - Quick and easy to connect
  - Consistently reliable network connectivity
  - 24/7 technical assistance
  - Redundant fiber last mile option

  - Ultra-high Speed
  - Redundant gigabit Backbone
  - Scalability & flexibility to upgrade
  - Option for wireless backup

(((Voice)))

ConnecTel specializes in providing most modern and state-of-the-art Internet Telephony services and solutions to its customers. We have built a cluster of most advanced, business centered and stable VoIP services keeping in mind the ever-changing requirements of businesses. By providing high quality and cost effective solutions and services, we are penetrating quickly in the telecom market. Our zealous efforts to render a full-circle service, ensuring extreme stability and crystal clear QoS give us a leading edge over other VoIP providers in the country.

- **Fixed Line Telephony services (POTS)**
  - Competitive local, Nationwide, and International rates
  - Enhanced Value Added Services.

- **ISDN PRI (Primary Rate Interface)**
  - 30 PSTN channels with 30 Direct Inward Dialing (DIDs).
  - Crystal clear voice communications.
  - 30 incoming/outgoing phone lines on single link.
  - Simple, consolidated & competitive pricing.
  - Enhanced Value Added Services.

- **IP Telephony (SIP Trunks)**
  - Flexible and cost effective solutions to empower your needs.
  - Leverage IP connection to converge voice and data.
  - Enhanced Value Added Services.

- **Features:**
  - Competitive Local and International Tariff.
  - Free On-Net calls for inter- office communications.
  - **Multi-Channel:** You can get multiple voice channels against a single number.
  - **UAN Mapping:** You can get existing UAN mapped on your new number.
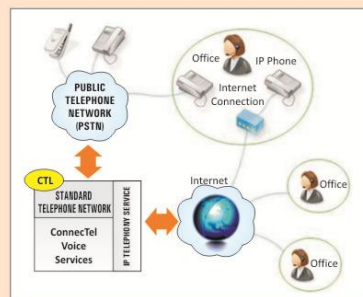 - 24 Hour Customer Support .

- **Other Services**
  - Audio Conferencing
  - Video Calling
  - Call Center Solutions
  - Solutions for ISP/DSL/LL Providers

- **Value Added Services:**
  - **CLI**
  - **Call Waiting**
  - **Call Transfer**
  - **Call Forwarding**
  - **Hot Line**
  - **Call Barring**
  - **Abbreviated Dialing**
  - **Do Not Disturb**
  - **Absent Subscriber**
  - **Wake-up Call**
  - **Emergency Call**
  - **Conference Call**
  - **Fax Call**
  - **Voice-Mail**
  - **Voice-Mail to Email**
  - **Customized Auto Answer**

- **Virtual PABX**
  - Cost effective solution for your corporate voice needs.
  - Effective call management, control, and distribution features.
  - Enhanced Value Added Services.

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Solutions

Our Information Technology solutions are specially tailored to our clients' specific business needs. We work on the projects with a partnership approach by giving our clients proper time, taking them step-by-step through a needs analysis, followed by a detailed and customized proposal for their specific needs. Unlike other IT service providers, our solutions encompass strategic, operational, as well as "technical" understanding - ensuring that our valuable clients get customized, scalable, reliable and cost-effective solutions that meet their exact requirements. We strongly believe that the Technology is invented to serve the people and not to rule them, that is why we keep our solutions practically manageable and simple.

Solutions

- If you have a single office or multiple geographically dispersed offices/branches all around the world, all around the country or within a city and are seeking connectivity, we can provide you with a reliable, cost effective, and practical communication solution for your business requirements.
- If you already have a solution but are paying a great amount of your profit to your solution/service provider, we can help you lower down your costs through cost-effective solutions.
- If you have a solution that is not exactly serving your needs as you would have liked, we can provide you with a more practical solution.

We can help you out by delivering all you need "Under one Umbrella", which by default eliminates the hassle of managing multiple vendors and contacting all of them separately for support issues.

Business Applications

- **Inter office "Unified Communication Solution":** Secure Data, Voice and Video Conferencing solution on turn key basis.
- **Inter-Office/Inter-branch Data connectivity:** Over fiber optic, wireless or VPN over the Internet.
- **VPN Solutions:** Remote Access, Site to Site, Hub & Spoke, MPLS, IPSec, SSL (Cisco or Linux & Open Source platforms).
- **Inter-Office Voice communication:** We offer on site or hosted PBX with numerous interesting features.
- **Call Center Solution:** We offer complete end to end call center solutions for customized requirements including, IP-PABX, CRM, International Dialing Accounts, Agents desktop applications etc.
- **FAX:** We provide email to FAX and FAX to email, and conventional FAX.
- **Video Conferencing:** We offer VC solutions from small to large scale requirements, including Open source software based solutions.
- **Hosted or Onsite IP-PABX**
- **Groupware solutions:** We provide email, fax, calendaring, scheduling, reporting, and document management, specializing in Open source CRM and Email solutions.
- **Video surveillance:** We provide cost effective video surveillance solutions.

Infrastructure Solutions:

- **I-Building:** Voice, Internet and Security solutions for Hotels, Hospitals, Shopping Malls and Business centers etc.
- **Data Center Solution:**
  - Capacity Planning
  - Hardware/Software Selection
  - Routing, Switching & Security
  - Disaster Recovery and Backups
- Wireless Networking
- Structured Cabling

Network Security:

- Desktop and Server Antivirus Solution
- **Content Filtering:** Internet Gateway with Antivirus, Security Policies, Intrusion prevention etc.
- **VPN:** Remote Access, Site to Site, Hub & Spoke etc.
- Perimeter Security
  - Managed Firewall Solutions
  - Router Configuration and security setup
  - System Security: OS hardening, patching, host based firewalls / IDS etc.
- Network based Intrusion detection/prevention solution.
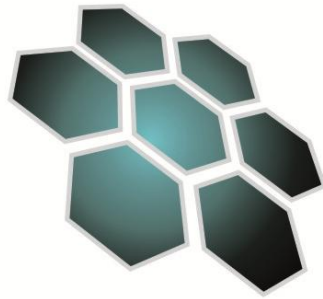- We have expanding list of solutions, please visit www.connectel.com.pk for more information.

A project of:
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