

ABOUT US

VECTORLINK DESIGNS, DEPLOYS AND MANAGES HIGH-SPEED WIRELESS ACCESS NETWORKS FOR TELECOMMUNICATIONS CARRIERS, SERVICE PROVIDERS, BUSINESSES AND HOME USERS. WE PROVIDE CUSTOMERS WITH BROADBAND IP ACCESS SERVICES THAT ARE RAPIDLY INSTALLED, ALWAYS-ON AND INDEPENDENT OF COMPETITORS' FACILITIES

REACHING A CUSTOMER TODAY IS A COMPLICATED ISSUE. Are you reaching them with your message? Are you reaching them with the latest technology? VectorLink for the first time gives you an affirmative answer to both these questions. VectorLink was established by front and back office personnel to address the problems and concerns both have always agreed as being prevalent in today's service provider environment.

VECTORLINK DARED ASK THE QUESTION:

How can we reach the worlds without involving the traditional unresponsive and bureaucratic networks of today's last mile environment? With the advent of reliable, two-way, high bandwidth communication, this problem has largely been resolved. However, how can a company maintain a staff large enough to support the end-user's demands for functionality (i.e.: web hosting, advanced mail services, private networking and support advanced last mile connectivity services at the same time.) The answer is VectorLink. Vector's service allows you to focus in on a customer's desires and needs they demand for their service and lets VectorLink make the last mile solution as easy as setting up email.

VECTORLINK'S WIRELESS SOLUTION REMOVES COMPLICATIONS ARISING FROM YOUR CUSTOMER'S EXISTING INFRASTRUCTURE, allowing for quick customer upgrades with out initiating a whole new provisioning process and eliminates an interface into a bureaucratic environment existent in today's last mile network while not relying upon a permanently deployed network topology. Additionally; VectorLink leaves in place access technology ensures that you as a service provider has fast, reliable access to a customer's location, no matter what happens to that customer or the surrounding landscape.

VECTORLINK MOTIVATES CUSTOMER ADOPTION

by offering free installation of a wireless LAN environment, a desirable, but normally unaffordable business advantage. VectorLink utilizes bandwidth sharing technologies and gaining revenue from roaming subscribers, VectorLink has developed something new which was missing from most ILEC and CLEC strategies: customer desire. VectorLink can recover all costs associated with providing these customers desired networks.

OUR GOAL IS TO PROVIDE CARRIER AND SERVICE PROVIDERS THE ABILITY TO:

- **RAPIDLY DELIVER SERVICE TO THEIR CUSTOMERS**
- **TO PROVIDE BROADER COVERAGE AREAS THAN TRADITIONAL WIRED NETWORKS CAN OFFER**
- **IMPROVE CUSTOMER UP TIME AND SERVICE SATISFACTION THROUGH SUPERIOR ARCHITECTURE AND TECHNOLOGY**
- **PROVIDE A SUPERIOR VALUE FOR A HIGH SPEED ALWAYS ON CONNECTION FOR BOTH SERVICE PROVIDERS AND THEIR CUSTOMERS**

WANT MORE INFORMATION?
VISIT OUR WEBSITE AT:

WWW.VECTORLINK.COM



PRODUCTS / SERVICES

VectorLink offers a variety of products to meet any service level requirement you may desire

RESIDENTIAL WHOLESAL

Today's residential customers require higher speeds and reliability to support their ever increasing connectivity needs. VectorLink tailors it's home service products to cost effectively fulfill these needs

These services include:

- Swimsuit
- Internet Connectivity (128,384,512 and 1.5 mBps)
- SOHO Applications (VPN,home hosting)
- Voice Communications (Local, Long Distance)

BUSINESS WHOLESAL

Business are demanding extreme flexibility for their services while maintaining reliability and cost effectiveness. VectorLink fulfills this need by providing traffic independent connectivity needs, including:

- AreaLink
- Internet access
- Virtual Private Network
- Voice
- E-commerce
- Hosting
- Frame Relay

NETWORKS TODAY

Most telephone networks today are fiber, capable of high-capacity, high-speed transportation of data. However, the portion of the network that ultimately connects to the customer premises, commonly referred to as the "local loop" or "last mile," is predominately narrow-band copper wire with service speeds limited to 56-128 Kbps. Traditionally, to overcome these data limitations significant upgrades had to be made to the networks with xDSL or other technologies. In addition to cost, the higher speed Internet access alternatives offered by our competitors have limitations in:

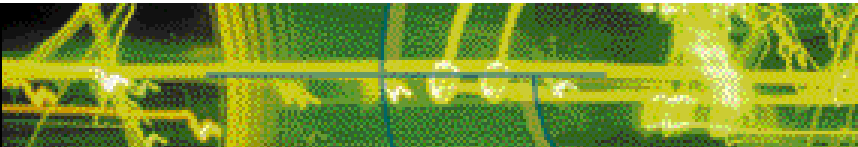
- Reliability of Service
- Transmission Speed
- Ability to Bundle Services
- Price Performance
- Customer Support
- Brand Recognition
- Operating Experience
- Capital Availability



HOW IT WORKS

BROADLINK PROVISIONING

Provisioning is the first delivery of a promise a customer experiences. Our provisioning process is simple, thus making our service delivery promise easy to fulfill. The service is already present at the customer's site, unlike today's other broadband alternatives. All that is required is an access privilege to be granted and when not present, access technology to be deployed. Both can be accomplished at exactly the same time. Other access technologies require mapping of existing infrastructure, testing of existing systems to ensure compatibility, coordination of multiple cross connects to secure connectivity along with the simple access privileges and technology deployment.



AREALINK AND SWIMSUIT

Vectorlink will schedule a planning visit with the customer to determine the installation of the 802.11b access points. Then, VectorLink installs the access points and link them to each other providing full area coverage. Installation for the authentication server will follow. VectorLink will monitor the systems from it's NOC to ensure total service availability to the customer. Our customers can order new access cards that are specifically keyed to VectorLink's network. This ensures customers are fully compliant with usage terms. VectorLink's proprietary authentication system ensures customer's can not oversubscribe access points, thus reducing revenues for subscription based roamers.

CUSTOMER SUPPORT

VectorLink offers a variety of customer support as well as services

■ NETWORK MONITORING

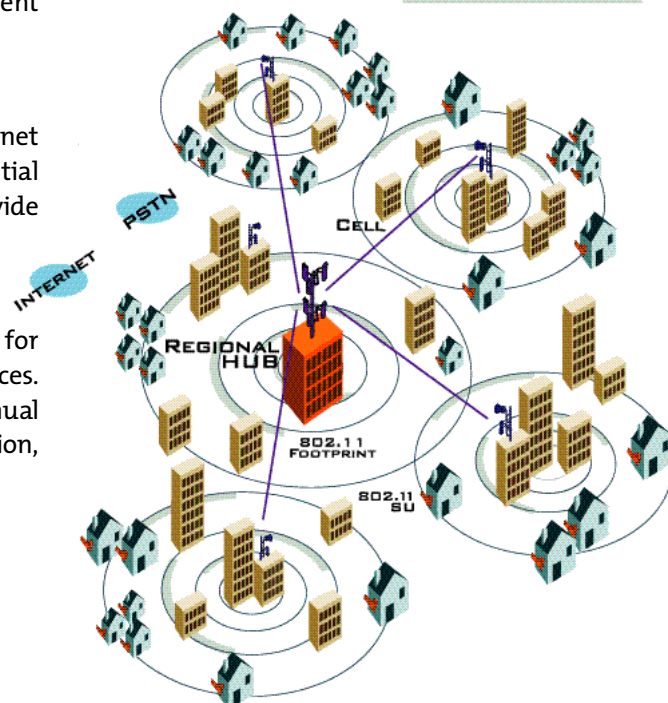
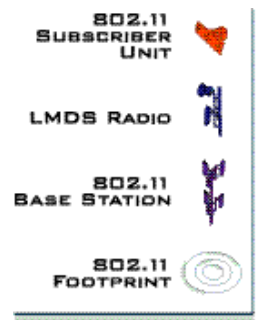
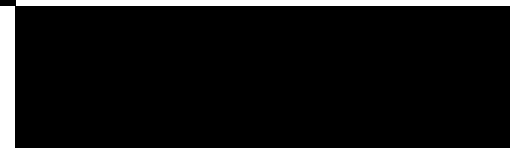
We monitor our networks from our network operations center, where we can identify and correct any problems. We also deploy network capability to provide Internet service providers, and telecommunications carrier customers direct monitoring access of their end-users for more efficient monitoring of their own network performance.

■ CUSTOMER SERVICE AND TECHNICAL SUPPORT

24X7 on-line support is provided to wholesale customers. The Internet service and telecommunications carriers we serve will act as the initial contact for service and technical support for end-users, we then provide the second level of support.

■ OPERATIONAL SUPPORT SYSTEM

Our network architecture is based on web interfaces and provides for remote, automated provisioning and management of our access services. These features allow us to scale our businesses eliminating many manual processes such as network path configuration, equipment configuration, order taking and verification, billing and traffic management.



SERVICE COVERAGE

SERVICE DELIVERY

Internet service providers and telecommunications carriers typically have had to assemble their digital communications connections using multiple service and equipment suppliers, leading to additional work, cost and coordination problems. In addition, all wireline based solutions have had to rely on either the telephone or cable-company's network to reach the last-mile to connect to the end-user's location. With our services, we will emphasize a one-stop broadband service solution for our customers such that they can connect to our network at a single location or "port" within a serving area, and from that port, access all end-users with a broadband connection. This service solution includes:

■ EXTENDING OUR NETWORKS TO CUSTOMERS

We provision links between our carrier customer's network and their end-user's location via our intra-market ATM/Wireless facilities. We provide a "Central Office- class" hub point in each market, primarily located in data centers and/or collocation sites specifically designed for us where carrier customers interconnect high capacity facilities from their network to our regional ATM backbone. We install the necessary wireless modem equipment and/or wiring at the end-users locations, test the link, configure customer and end-user bridges, routers or switches, then monitor the circuits from the network operations center.

■ PREMISES WIRING AND WIRELESS SUBSCRIBER MODEM CONFIGURATION.

We use our own and subcontracted field service crews and trucks to perform any required inside wiring and to configure wireless subscriber modems at each customer site.

COVERAGE AREAS

VECTORLINK BUILDS IT'S NETWORKS IN AREAS WHERE TRADITIONAL FIBER SERVICE DOES NOT REACH. TYPICALLY NON-URBAN AREAS LIKE THE SUBURBS OF BIG CITIES, IN MEDIUM AND SMALL TOWNS AND AT THE EDGES OF THE LOCAL PHONE COMPANIES BOUNDARIES.

