

The World Leader in
GUESTROOM
Telecom



**EXPRESSNET
BROADBAND SOLUTIONS**

TELEDEX

TELEDEX ExpressNet®

Unleash the Hidden Power of Your Phone Network

ExpressNet broadband solutions use your existing Cat 2/3 phone wiring to deploy fast wireless and wired high speed Internet access (HSIA). You save the cost and hassle of recabing your hotel, and your guests get a blazing fast Internet experience, with up to 15 Mbps of bandwidth per endpoint. Adding more wireless access points is as easy as snapping a patented ExpressPort to the bottom of your Teledex phones. Eliminates dead spots in your wireless network!

AirLink™



Patented ExpressPort

Your in-room installation is the cleanest it can be, using our patented ExpressPort under-phone adapter. The unique single-cord design combines all power, phone and data connections into one cable to the phone, eliminating tangled-wire mess. No extra "hockey puck" devices cluttering up your desktops!

What is VDSL?

ExpressNet AirLink uses VDSL transport technology to supply each wired or wireless access point with a broadband connection over existing telephone wiring. VDSL stands for "very high bit-rate digital subscriber line" and is a standard that was developed from the same DSL technology that is commonly used to provide residential and small business broadband access. The main difference is **SPEED**.

VDSL delivers sustained throughputs (or bandwidth) of up to **15 Mbps** (megabits per second), delivering a blazing fast Internet experience for your guests. Plus, ExpressNet VDSL supports such popular technologies as VoIP, IPTV and more.

ExpressNet AirLink wireless access points are 802.11g compatible, which means that they provide up to 54 Mbps of bandwidth per access point, and therefore can support many simultaneous users, so they're great for meeting rooms and other public areas in your hotel!

A Total Solution

ExpressNet provides a complete solution for providing high-speed Internet access to guestrooms, meeting rooms and public areas. By combining ExpressNet wired and wireless solutions across your property, you deliver the most comprehensive solution possible.

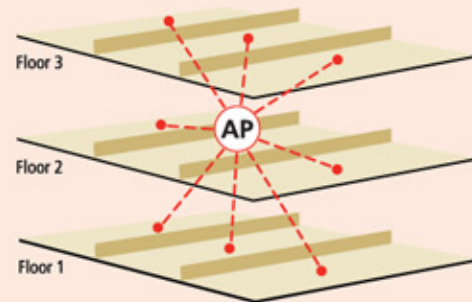
Uses Existing Wiring

ExpressNet provides high-speed access over your existing wiring infrastructure, so there's no expensive recabing necessary. It all works through the same phone wiring you already have.

Single Cord Convenience

The ExpressPort adapter attaches directly to the underside of most Teledex telephones, taking up no more space on the desktop than your phone. What's more, Teledex's single-cord power adapter provides power, phone and data connections in one cable, eliminating tangled wire mess and less headaches.

INSTALLATION DIAGRAM



To deploy WiFi access in a typical hotel, AirLink wireless access points are installed in approximately every 4 to 6 guest rooms, usually on alternating floors. Each access point serves rooms in its vicinity on the same floor, as well as rooms above and below. In properties with thicker concrete walls, a higher density of access points may be necessary.



AirLink VDSL Switch

Combines phone and data over one line & sends to guest rooms



Gateway Server

For authentication, custom portal pages, billing interface & other administrative control



Wireless, Wired, or Both!

With ExpressNet AirLink, every 4 to 6 rooms are installed with an under-phone ExpressPort that contains a wireless access point. These rooms are connected to the network via VDSL over your phone network. This means you have rooms in your inventory that have both wired and wireless connections, so guests who require a wired connection aren't out of luck. Great for hotels that cater to large government or corporate accounts.



DESKPORT



▲ DeskPort in-room adapter

For hotels that don't have Teledex phones (there aren't that many, actually!) and can't use our patented under-phone ExpressPort, we offer the same great AirLink performance in our compact DeskPort adapter. Available in wired-only or wired/wireless combinations, just like AirLink.



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INSTALLATION AND SUPPORT SERVICES

From the moment you schedule your installation, to assisting your guests in the middle of the night, Teledex is there with ExpressNet Support Services. Our professional installation crews get the job done right, and right away. And our 24/7 call center is always staffed with knowledgeable professionals to assist both guests and hotel staff. We even have the ability to remotely troubleshoot your equipment, to ensure you and your guests get the experience you want.

