



Top 10 FAQ's

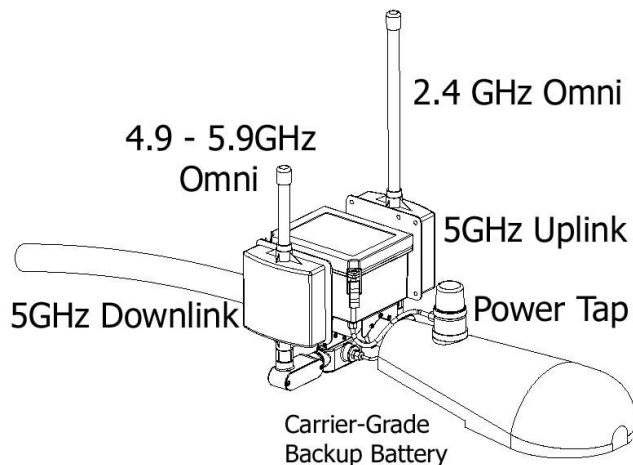
#1 - Why does this technology perform better than other solutions?

The technology provided by DigitalPath was designed to be a low cost, highly scalable 802.11 system. Unlike traditional mesh solutions, scalability and performance are achieved by separating the frequency used for back haul from the frequency used for end user connections. This separation between customer access and backhaul access allows for a higher scalable solution since interference management is a problem in the 2.4GHz frequency. DigitalPath's architecture allows each Access Point to be frequency independent of other Access Points.

#2 - How does it work?

Each DigitalPath device contains 2 radios, an omni-directional Access Point and a directional panel. The panel is for use as backhaul in the 5GHz band, leaving then the second radio to control the Access Point on a different channel in either the 2.4GHz or the 5GHz frequency. The density of Access Point placement in a community is up to you. The DigitalPath system scales to the type of access you wish to provide. The DenseNode architecture is designed specifically for ubiquitous outdoor coverage and indoor access to consumer laptops at 50-75 Access Points per square mile. The BroadNode architecture follows the traditional hybrid fixed-wireless Internet access model. Access Points are installed at a density of 3-7 per square mile and require roof-mounted, professionally installed CPE's for most end user connections.

Below: DigitalPath system installed on a light pole with two separate 2-radio units.



#3 - Is this system a mesh?

No. The system is installed and structured like a mesh, but it does not need to re-utilize all the same backhaul channels like traditional mesh solutions. DigitalPath technology utilizes a hub and spoke architecture. This type of network deployment allows you to inject more capacity into your network as each backhaul connection can be operated on a separate channel. The backhaul system can utilize 9 non-overlapping channels in the 5GHz band. Unlike other Point to Point or Point to Multipoint systems, DigitalPath technology enables an Access Point that is offline to re-link to other devices on the network, much like a mesh.

Our belief is that traditional mesh networks do not deliver the capacity required to deliver over 10Mbps of connectivity to end users. Most of the competing solutions only deliver 1-3 megabits per second due to the lack of capacity injection at the backhaul layer.

#4 - How much does it cost?

A standard DigitalPath 2-radio Access Point including battery backup, lists for about \$1300. This is a dual band device capable of a backhaul at 40Mbps and an end user connection of 10Mbps. For node depth, a second device can be added at a location for around \$1,000. This second device will function as a downlink (connection point) for other Access Points. The second device connects to the Access Point via POE, thus utilizing the same power source.

#5 - How and where are these Access Points installed?

The devices can be installed on a variety of structures. For metropolitan deployments utility or light poles are most commonly used. Installation on poles can be completed in less than an hour. For some WISPs, Access Points are installed on residential structures or businesses. The devices are also designed for traditional tower installation. Each device is designed for 24v DC power over Ethernet. The integrated UPS power system can be connected to an AC outlet or light pole tap with the included 24V power supply or be powered with solar panels for remote site installation.

#6 - Who are your customers?

We work with ISPs and municipalities. We have fixed wireless ISP customers across the nation. Some of these ISP's have partnered with their local municipality to deliver broadband Internet access. You can see a few of our customer testimonials on our website at:

www.digitalpath.net/technology/testimonials.php

#7 - What distances can your equipment operate at?

Currently, we sell backhaul products that are capable of delivering over 12Mbps half-duplex in the 5.8GHz band at 27 miles. We plan on having a product capable of 12-15Mbps full duplex in the first quarter of 2007 that can also operate in the 5.3/5.8 and licensed 5.925-6.075GHz bands that is capable of achieving up to 40 miles in distance.

#8 - What frequencies can your equipment run on?

Currently, our products are capable of operating in the unlicensed 2.4, 4.9 licensed, 5.3, 5.5, 5.8 GHz bands. Our radios are capable of operating in many other licensed bands, but the equipment is not yet certified to do so. Frequency ranges are 2302-2500MHz, and 4900-6075GHz. If you have a custom frequency you wish to run in these ranges, it may be possible to do so if you can FCC certify the device.

#9 – What kind of speeds can I expect for my customers?

Currently, our basic CPE delivers speeds up to 3Mbps to the Internet. Mobile users can achieve speeds well over 10Mbps to the Internet using an 802.11g compliant wireless card. The Latency of these connections is only 1ms per hop.

#10 – How expensive is the customer premise equipment modems?

The DigitalPath CPE is one of the most affordable on the market today. An outdoor mounted CPE with a high gain antenna lists for \$199 each. An indoor CPE unit with low gain antennas lists for \$120 each. All DigitalPath CPE's operate in 802.11b/g and have a built-in NAT router. The outdoor units utilize Power over Ethernet for ease of installation.

About DigitalPath, Inc.

DigitalPath, Inc is a privately owned company based in Chico, California. DigitalPath operates as both a service provider and hardware manufacturer. Over 11 million dollars has been invested in the wireless product line since 2002. DigitalPath owns and operates a network footprint across 25 communities in California, and ranked the 3rd largest WISP by customer base size in 2005. We believe our extensive experience as a WISP and hardware vendor makes us the right choice for you.