



**air POWERED**

Business-Class Internet Service

# How it Works:

## the airPowered installation process

We connect and setup the equipment for you. From there, you surf the Internet via our wireless mesh backbone! What is the advantage of our wireless mesh backbone?

*Fast, redundant, Business-Class Internet Service!*

**Learn More** ▶  
(we'll lay it out easy for you)

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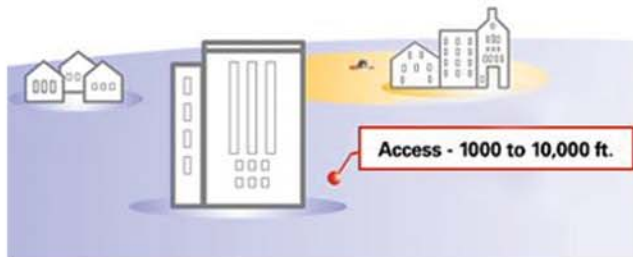
**Reference List**

**Brochure**

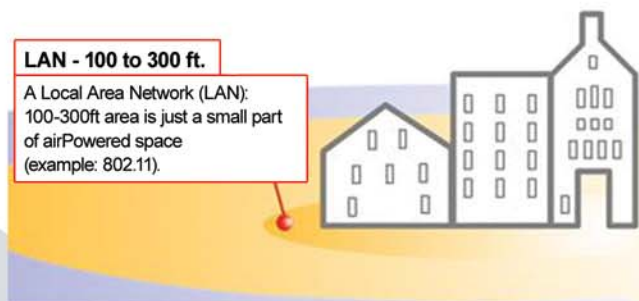


# Where is airPowered?

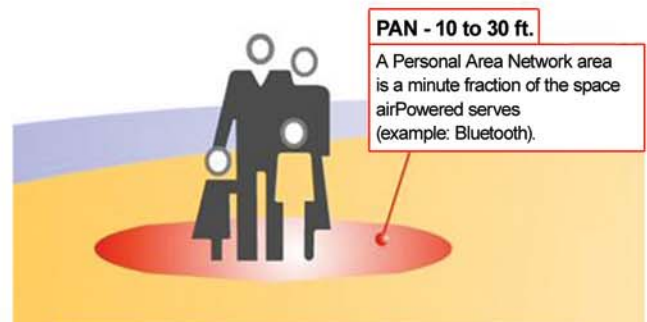
This is where airPowered lives - **Internet Access Space.**  
airPowered delivers high-speed Internet access in the first several miles surrounding each one of our towers.



## airPowered is NOT - LAN



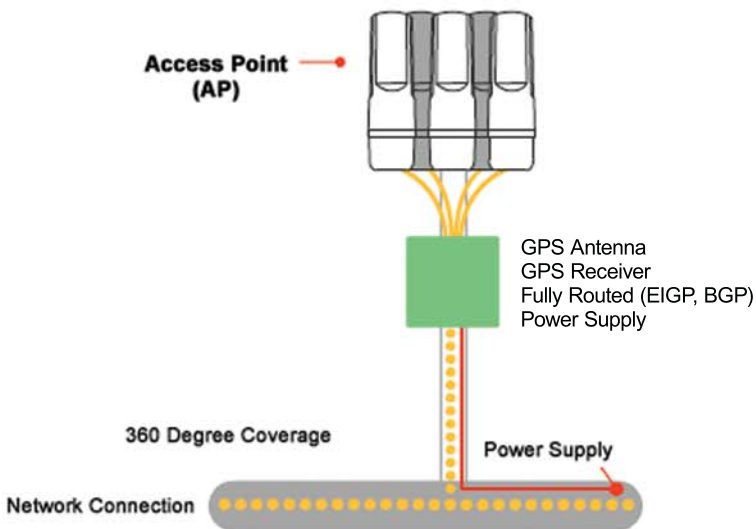
## airPowered is NOT - PAN



# Introduction:

## Access Point (AP)

The basic service provider piece for distribution of service to the surrounding community is the airPowered Access Point (AP) Unit. They are the brains of the airPowered Internet Access system.



airPowered is **faster**

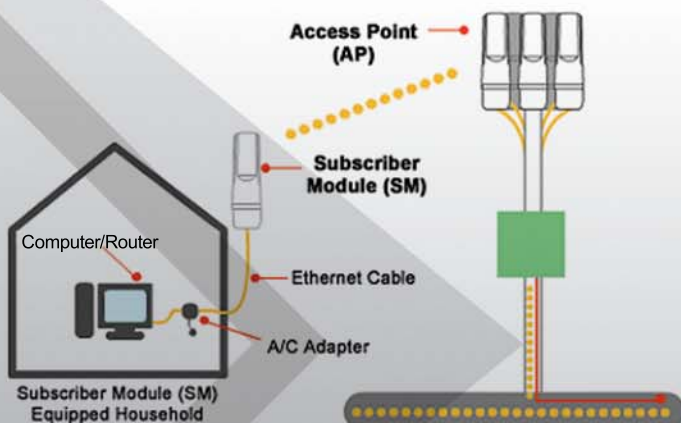
It **delivers better**

It reaches **more users**

It's **more secure**

## Subscriber Module (SM)

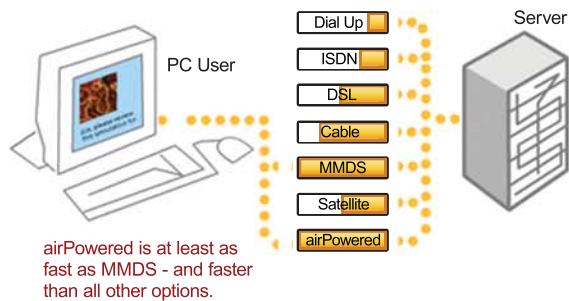
The airPowered Subscriber Module is the Internet access receiver for your house or place of business. The airPowered Access Point (AP) units talk to Subscriber Modules (SM) using a Point-to-MultiPoint protocol.



# Speed Comparison:

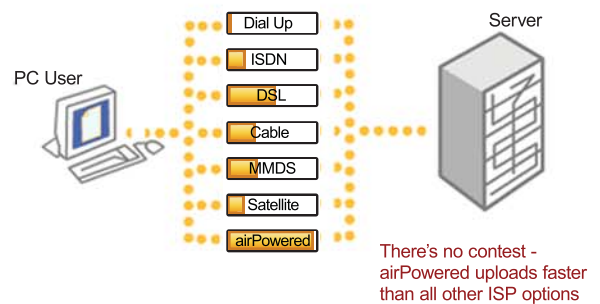
## Fast Downloads

Below is a speed comparison of a 5 MB file download from server to PC\*.



## Faster for Uploads.

Below is a speed comparison of a 2.5 MB file upload from PC\* to server.

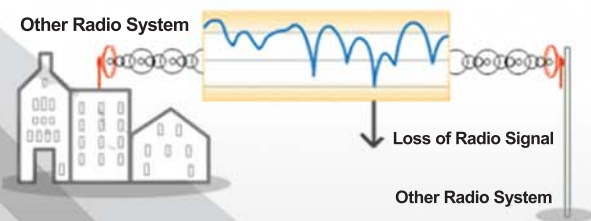


# Delivery Comparison:

## Delivers Better

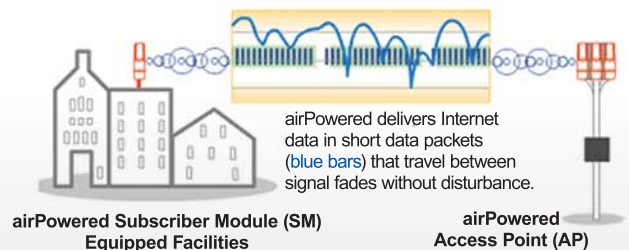
With any wireless system, signal strength fluctuates often and reception can occasionally be lost.

Below is a graph of a radio system (not airPowered).



## More Reliable Service.

With **airPowered**, Internet data is delivered in small data packets that reduce interference and use a fraction of the "air time" of other systems. So, you always get fast, reliable Internet delivery.



# Equipment:



Subscriber Module



Optional Dish



Optional Router



Surge Suppressor



Power Injector

# Subscriber Module:

## Minimal Impact on Building

**Signaling Rate:** 20 Mbps Maximum

**Typical LOS Range:** 5 mi, 15 mi with reflector

**Typical Aggregate Useful Throughput:** 4 Mbps to 2.5 Mi

**Frequency range of band:** ISM 2400-2483.5 MHz

**Non-overlapping Channels:** 3

**Channel Width:** 20 MHz

**Encryption:** DES Capable

**Latency:** 5 - 7 msec

**DC Power (typical):** 0.3 A @ 24 VDC = 7.2 W

**Antenna Beam Width:** 3 dB antenna beam width 60 degrees, Azimuth and Elevation

**Mean Time Between Failure (MTBF):** 40 yr

**Temperature :** -40° F to +131° F

**Wind Survival :** 118 miles/hr

**Dimensions:** 11.75 in H x 3.4 in W x 3.4 in D

**Weight:** 1 lb

**Protocols Used:** IPV4, UDP, TCP, ICMP, Telnet, HTTP, FTP, SNMP

**Network Management:** HTTP, TELNET, FTP, SNMP Version 2c





# air POWERED

Business-Class Internet Service

Your Internet connection is like a highway. With other broadband options, you may have four lanes, but you could be stuck in traffic going 35mph trying to get to work. With airPowered, we give you the multi-lane highway you want - without the traffic or cops.

So go ahead - feel free to speed.

## Referrals

These are some references that have agreed to answer questions regarding our AirPowered service. Please feel free to call them.

**Brad Butterstein**  
Data Graphics  
3800 Progress Blvd.  
Mount Dora, FL 32757  
352-589-1312  
bbutterstein@datagraphicsinc.com  
www.datagraphicsinc.com

**Linda Bennett**  
Lake Receptions  
4425 Hwy 19A  
Mount Dora, FL 32757  
352-357-8223  
linda@thelakereceptions.com  
www.lakereceptions.com

**Ryan Parent**  
Automated Document Solutions  
133 N. Grove Street  
Eustis, FL 32726  
352-483-2372  
rparent@adsimaging.com  
www.adsimaging.com

**Beth Work**  
Boys & Girls Club (Leesburg)  
400 Executive Blvd.  
Leesburg, FL 34748  
352-787-0053  
bethwork@bgclsc.org  
www.bgclsc.org

**Jamie Humphrey**  
First National Bank of Mt. Dora  
714 N. Donnelly Street  
Mount Dora, FL 32757  
352-383-2111  
jamie.humphrey@fnbmd.com  
www.fnbmd.com

**Mark Heard**  
EnableSoft (Orlando)  
1870 Aloma Ave. Suite 200  
Winter Park, FL 32789  
407-894-6510  
mheard@enablesoft.com  
www.enablesoft.com





There's no speed limit  
on our Highway.

## airPOWERED

### Business-Class Internet Service

Your Internet connection is like a highway. With other broadband options, you may have four lanes, but you could be stuck in traffic going 35mph trying to get to work. With airPowered, we give you the multi-lane highway you want - without the traffic or cops.

So go ahead - feel free to speed.



**Call Today**  
**352.253.2200**

Faster Upload/Download Speeds

Advanced Applications

Affordable

Increased Security

Higher Quality of Service

Quick Installation

Superior Customer Service

airPowered is a fixed-based replacement for T1s and other high speed connections that is not only superior in speed, but significantly more affordable with a higher quality of service. airPowered allows your small or medium-size business to keep up to speed with the high-speed communications revolution.

The Canopy™ wireless broadband system, delivered by PowerOne, solves small and mid-size business challenges with sophisticated high-speed technology from the global leader in wireless communications, Motorola. With our expertise in the Canopy platform, PowerOne helps your business gain competitive advantage in a number of crucial ways.

Call us today to see if airPowered is right for you or your business.

352-253-2200 | [www.power1air.com](http://www.power1air.com)

**POWER**ONE

# Feel free to speed.



Business-Class Internet Service

Call today or go online to find out if airPowered Business-Class Internet is right for you:

**352-253-2200**

**www.power1air.com**

airPowered offers high-speed Internet with download and upload speeds of up to 7Mb or higher using a small receive antenna on your house. This allows us to no longer have to depend on someone else's phone lines to provide you with high-speed service. It also allows us to provide areas with no high-speed access (via phone line or cable) a solution that will enable you to finally have that speed you need for today's intense online applications.

One Powerful Solution  
**POWERONE**  
www.power1.com

## Commercial Pricing

### *Dedicated Business Class*

Speeds	2 Year Agreement	Installation Fee
10Mb/10Mb	\$1,199	quoted
9Mb/9Mb	\$1,099	quoted
8Mb/8Mb	\$999	quoted
7Mb/7Mb	\$899	quoted
6Mb/6Mb	\$799	quoted
5Mb/5Mb	\$699	quoted

### *Business Class*

Speeds	2 Year Agreement	Installation Fee
3Mb/3Mb	\$299	\$299
2Mb/2Mb	\$199	\$299
1.5Mb/1.5Mb	\$149	\$299

## Residential Pricing

Speeds	2 Year Agreement	Installation Fee
5.5Mb/1.5Mb	\$100	\$299
3Mb/1Mb	\$65	\$199
1.5Mb/512kb	\$45	\$199

\* all prices are listed as monthly payment  
Suggested packages; any speed combo available.

All service is subject to availability in your area. PowerOne provides a subscriber unit and will wire it to your business. Any other equipment is the responsibility of the purchaser.