



RV, Truck and Boat Owners Looking for Better WiFi Solutions

Vehicle and boat owners who want to use WiFi (802.11 wireless networking) to connect to the Internet from the comfort of their boat or RV are faced with challenges that take some extra thought.

SAN LUIS OBISPO, CA ([PRWEB](#)) August 13, 2004 -- Wireless Internet Access is HAUTE! Have you ever pulled your RV into that beautiful park for the night after a long day of driving, pulled out your laptop computer to connect to the Internet to read your email, only to find that you are unable to connect to the Park's wireless network, without moving outside or holding your computer over your head and balancing it while you type. You are not alone.

Most RV, Boat and Truck owners try to adapt home and office wireless networking equipment to their vehicles only to find that things don't work as well on the road as they do at home. Among the many issues these mobile users face when using wireless connections are metal objects, generator noise, moving antennas, low power gear, network congestion and more.

"Most mobile wireless users suffer through poor connections because they are trying to use the wrong equipment," said James Smith, Director of Sales with HauteSpot Networks, a manufacturer of long range wireless equipment. "People aren't aware that there are solutions specifically designed to solve all the issues of mobile wireless computing."

A reliable wireless connection needs to be designed from two ends: the base station, or access point, that is the land line connection to the Internet; and the end node, or client computer. If you don't try to design both ends for performance, you are going to have problems. "RV parks, Marinas, and Truckstops need to put more thought into their wireless network design," continued Smith, "Most locations are buying an access point off a store shelf and hooking it up. What most people don't know is that home access points are designed for only a couple of users at very short range. They really need a product that is engineered for many users over long range."

"The other problem mobile users have is that their vehicles are extremely good RF ground planes. Metal RVs, Boats and Trucks stop radio signals at the door. You really need an exterior antenna that can provide an unobstructed signal from your rig to the base station," Smith said.

So what happens when you pull into your slip or camping space, only to have the "Queen Mary" or Giant Class A pull in next to your 25 footer? You can't see the base station, you have a big blockage. "Obstructions for wireless networking are always a problem," Smith notes. "The technology operates on a very high frequency, meaning that the wave length is short...almost a straight line. The Multi Polarized antennas that we sell have unique characteristics that allow them to reflect and refract a signal so that it will get around obstructions better than anything else on the market," concluded Smith.

HauteSpot Networks offers 802.11 base station kits for RV park, Truckstop and Marina operators that are designed to maximize signal strength, support multiple users and penetrate obstructions in densely populated locations or those with trees.

HauteSpot Networks also offers 802.11 mobile client kits for Trucks, Boats and RVs that are simple to install



and support the maximum allowable signal output and radio sensitivity.

The HauteRoute NL-2511MP5-KIT includes a high performance PCMCIA 802.11b network adapter board, a 5dBi gain magnetic mounted antenna, and all the cabling and software required to access 802.11b networks at incredible ranges...even while moving!

When used in conjunction with extended range base station equipment such as the HauteRoute HR-2611DX 802.11b Access Point, HR-3054DX 802.11b/g Access Point or the HR-5354DX 802.11a/b/g Access Point, and appropriate outdoor antennas, users can expect line of sight and near line of sight performance ranges measured in miles rather than feet.

The HauteRoute NL-2511MP5-KIT incorporates a variety of compelling and unique technologies into one solution including:

High gain radio equipment The NL-2511 CB Plus Ext2 card, included in the KIT has some of the most compelling performance specifications available in an 802.11b board. Up to 23dBm/200mW power output and up to -96dB receive sensitivity, combined with support for automatic rate scaling, power output control, and 128 bit WEP in software.

High gain telemetry The EA-MP5 multipolarized omni directional antenna which is included in the KIT has radio signal transmitting and receiving characteristics which are unparalleled. Multipolarized technology propagates a radio signal in many planes, allowing the radio signals to reflect and refract off of objects. This results in outstanding obstruction penetration. When normal 802.11 devices fail to receive or send an adequate signal, the EA-MP5 comes through with a resounding 5 by 5!

The included magnetic mounting base and 12 feet of low loss lead in cable allows the antenna to be mounted easily, and without holes, on any steel surface.

The NL-2511MP5-KIT may be purchased through the HauteSpot Networks on-line store at <http://www.hautespot.net/store/proddetail.asp?prod=NL%2D2511MP5%2DKIT&cat=25> or through EBay at <http://stores.ebay.com/HauteSpot-Networks>.

Customers can estimate the distance limitations when using the NL-2511MP5-KIT by visiting the HauteSpot Networks Wireless Distance Calculator web page at <http://www.hautespot.net/support/wirelesspath.asp>. This handy tool allows customers to specify the types of equipment that they plan to use and calculate the radio signal quality that is theoretically possible with their chosen configuration.

Customers can learn more about the HauteRoute product line, and all of the innovative wireless products and services offered by HauteSpot Networks by visiting their web site at www.hautespot.net.

ABOUT HAUTESPOT NETWORKS

HauteSpot Networks also designs, builds and sells a broad array of 802.11 and VoiceOver Wi-Fi networking products including extended range network adapters, access points, access concentrators, customer premise bridges, antennas, VoIP residential gateways, telephones, and open source based PBXs. All of their products are available for sale on their website at www.hautespot.net.

HauteSpot Networks is a member of the Wi-Fi Alliance, which assures service quality, availability and interoperability of wireless networking products.



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