



## FAQ's

1.) Q: What does the Critical RF product suite allow me to do?

A: Critical RF's software and hardware together are a complete, worldwide, real-time PTT communications platform for mobile individuals, small business, global enterprise, and public service. It will let you talk to/from anyone using PTT software or PTT hardware appliances.

2.) Q: Where will the service work? Are there any limitations to where I can use it?

A: Quite simply, anywhere. All you need is an Internet connection or private IP network delivering 14.4kbps or greater bandwidth. This can be obtained anywhere over many different mediums. As long as you are connected you can communicate via voice PTT, anywhere in the world.

3.) Q: I get my Internet from WiFi, can I use a WiFi Connection and walk around while I talk?

A: Yes, WiFi is a great way to obtain a connection.

4.) Q: My Internet is provided to me by my cellular telephone wireless company, can I utilize this connection and talk while driving or walking around as a substitution for voice telephone minutes or Nextel type Push-to-talk?

A: Yes, cellular and wireless ISP's are suitable for use. Legacy data modes such as GPRS and CDPD, and 1x RTT are also supported. Satellite is a fine choice as well.

5.) Q: I have older 2-way radios that are in a box of junk we used before our company had cellular phones. Can I re-use these radios for my business and connect them to the Critical RF equipment even though they were purchased long before the Critical RF platform was possible?

A: Any 2-way radio make or model is compatible with SiteCAST and/or SafetyNET. Simply purchase the correct cable for the equipment from your authorized dealer.

6.) Q: If I have 2-way radios in different locations or in use by different work teams, can I link them together and "connect the dots" to control my mobile coverage and costs so that my employees can communicate effectively and affordably?

A: Yes, 2-way radio systems on any band, signaling format, or mode can be linked to any other 2-way radio systems with an ORDINARY internet connection. This can also afford the operator "interoperability" with the other radio systems.

7.) Q: I have a "leased" telephone line or circuit that runs from my dispatch center to the radio base station at our tower and/or rooftop. The leased line currently costs us \$800 a

month from the telephone company. Can I use the Internet or my company's private IP network instead and cancel my \$800 a month bill?

A: Yes, Critical RF's product line allows for the easy and effective replacement of wireline leased circuits also known as Bell 3002 and RNTC. These lines can be eliminated for cost savings on dispatch consoles, remote receivers, traffic light systems, railroad track switches, broadcast radio and television links, or wherever leased lines may be found.

8.) Q: Our company was thinking of purchasing 2-way radios to replace our cellular phones. Aside from being very expensive and not allowing us to talk very far or clear, the radios seem like too little for too much. If I use your iWalkie software with my EDA's and Smartphones can I give my employees 2-way radio AND all of the benefits of the Internet like maps, messaging, and point of sale functionality to help me gain better value in a portable communications device?

A: Yes, iWalkie can be combined with other Internet services giving an end user very rich enterprise communication capabilities – including iWalkie, our IP soft radio that will talk seamlessly on any of the 7 continents.

9.) Q: With all of the budget cuts and red tape, our police department is very slow to react in getting officers the equipment we need to communicate and do our job effectively. Can my fellow officers and I purchase the Critical RF equipment and get the benefit of it quickly without hooking it directly to city or county equipment?

A: Yes. Since all you need is a regular duty radio, it is possible for you to improve communications for fellow first responders without the direct involvement of your department. Critical RF's equipment can interface to a user's radio – allowing for quicker setup and independent control and operation.

10.) Q: How secure is the Critical RF platform?

A: Our platform contains coded security mechanisms designed to protect your voice traffic. From the front end user interface, a password, username, and unique coded ID are required to enter your system to begin speaking and listening. On the back end across any network, 32-128bit coding (blowfish) protects the packed GSM frames encoded via GSM 6.10 codec library. Enhanced encryption can be utilized up to 256bit (AES) level or greater (should it be possessed) for those who have the most sensitive radio and audio/speech traffic. When planning your security level requirements, remember that security is only as strong as the weakest link. Always be aware that if your traditional 2-way radio traffic is in the FM mode your voice is being re-broadcast, or repeated, over regular FM radio signals. These can be heard with any common radio receiver.

More information, one may wish to visit these links:

<http://www.schneier.com/blowfish.html>

[http://en.wikipedia.org/wiki/Blowfish\\_\(cipher\)](http://en.wikipedia.org/wiki/Blowfish_(cipher))