



# FSH Public Internet Systems

## THE INTERNET MEANS UBIQUITOUS ACCESS

For the first time, one network can transmit and manage voice, video, text and information around the globe. This is the internet network that we can access from anywhere 802.11 devices exist. Now this network can be used to complete phone calls and distribute television content. FSH has

designed a set of systems that utilize this universal device language in order to redefine the economics of a few media related business opportunities.

First, by using the internet as a distribution mechanism, it is economical to create private television networks for small groups of customers. Addition-

ally, the use of WiFi phones enables communication that will save selected segments of the population upwards of 60% of their wireless communications bill.

IP is here and is available across the globe—use it!

## FSH SOFTWARE AND HARDWARE

FSH has enhanced Asterisk's Open Source IP PBX system to include dozens of new features. This system is one of the most widely deployed IP systems in the world.

Every system is capable of performing traditional IP PBX services, switching WiFi calls, providing gateway functionality for terminating calls to the PSTN, and tracking usage for billing

and accounting.

The system is based on robust and widely deployed servers that have been specially equipped with IP capabilities.

This system is designed for optimum performance and supports the Intel processors.

The system includes the following:

- Intel processor at up to

2.66GHz.

- Front bus—1066MHz
- Cache—Up to 4MB
- Memory—512MB-8GB DDR-2
- I/O—two PCI Express™ slots; one PCI slot (32-bit/33MHz)
- Storage—Up to 1.2TB:
- Network—Gigabit NICs
- Drive control—Embedded SATA; optional SAS

The system provides performance and reliability.

## WIFI PHONES

The fundamental component in our offering is the WiFi wireless phone. Several large manufacturers provide phones in this new growth industry. Companies like Nokia™, Cisco™, Linksys™, Hitachi™ and UTStarcom™ are just a few of the providers that offer devices that work with the media

system. The primary vendor for phones is Linksys™, but all standard phones will function in the network. Phones vary in capability and dual-mode phones can function as both cellular phones and WiFi devices. All WiFi phones have the following capabilities:

- 802.11b/g; WEP (64 and 128 bit ) WPA
- Three-way calling / Call waiting; Call rejecting/redial/mute
- Call transfer / Call forwarding; Call hold/resume; Codec G.711, G.729
- Comfort noise generation & Echo suppression

