

## ISPBrain / WANRouter OVERVIEW:

ISPBrain provides ISP class user authentication and bandwidth management systems for wireless wide area networks. Using the ISPBrain system, your organization can begin deploying wireless and wired internet services to clients in a variety of areas and demographics.

Coupled with licensed band, unlicensed band, or WiMax back hauls and distribution, ISPBrain provides end to end security and client management for wireless ISP applications.

The ISPBrain architecture provides a network operator with the ability to build out an efficiently routed network by use of compatible WANRouter IP routers which work seamlessly with the ISPBrain Server.

Distributing the routing and traffic shaping functions to the end points of the network provides for more efficient use of bandwidth and conserves available wireless throughput by limiting end user traffic consumption before it reaches the wireless backhuls. These devices work together to provide everything needed to build out a robust fully manageable, efficient, and secure wireless network.

In its simplest form, the ISPBrain system consists of one ISPBrain Server, and two WANRouters. One WANRouter is used as the backbone router / firewall / traffic shaping device. The second WANRouter can be dedicated to user authentication and accounting. The network can be expanded by creating bridged wireless links to subscribers back to the point of presence or by adding WANRouters at key locations to provide a routed infrastructure.



***Welcome to the Powerful World of  
ISPBrain and WANRouter***



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