

ABSTRACT

SYSTEMS AND METHODS FOR DISTRIBUTION OF WIRELESS NETWORK ACCESS

Systems and methods for distribution of wireless network access using a common media access control (MAC) architecture. In one embodiment, a platform architecture may be provided for high speed Broadband Wireless Access (BWA) service termination using a common MAC architecture and router functionality, *e.g.*, an integrated router and firewall service may be provided to a local WLAN network, leveraging a common orthogonal frequency division multiplexing (OFDM)-based MAC architecture for both the BWA and WLAN functionality. Such a common MAC architecture may be implemented to optimize the performance and throughput between the broadband wireless ISP data service and localized WLAN network.

FIG. 1

