AB9400/26GHz Broadband Wireless Access System

AB9400/26G Broadband Wireless Access System adopts Hughes patented technology and can provide services to network operators and users that have large service requirements with fiber equivalent quality, achieving the last-mile access. As the ideal choice to provide voice, data, video and internet services, the AB9400 can offer particular solution in broadband wireless access (BWA) field.

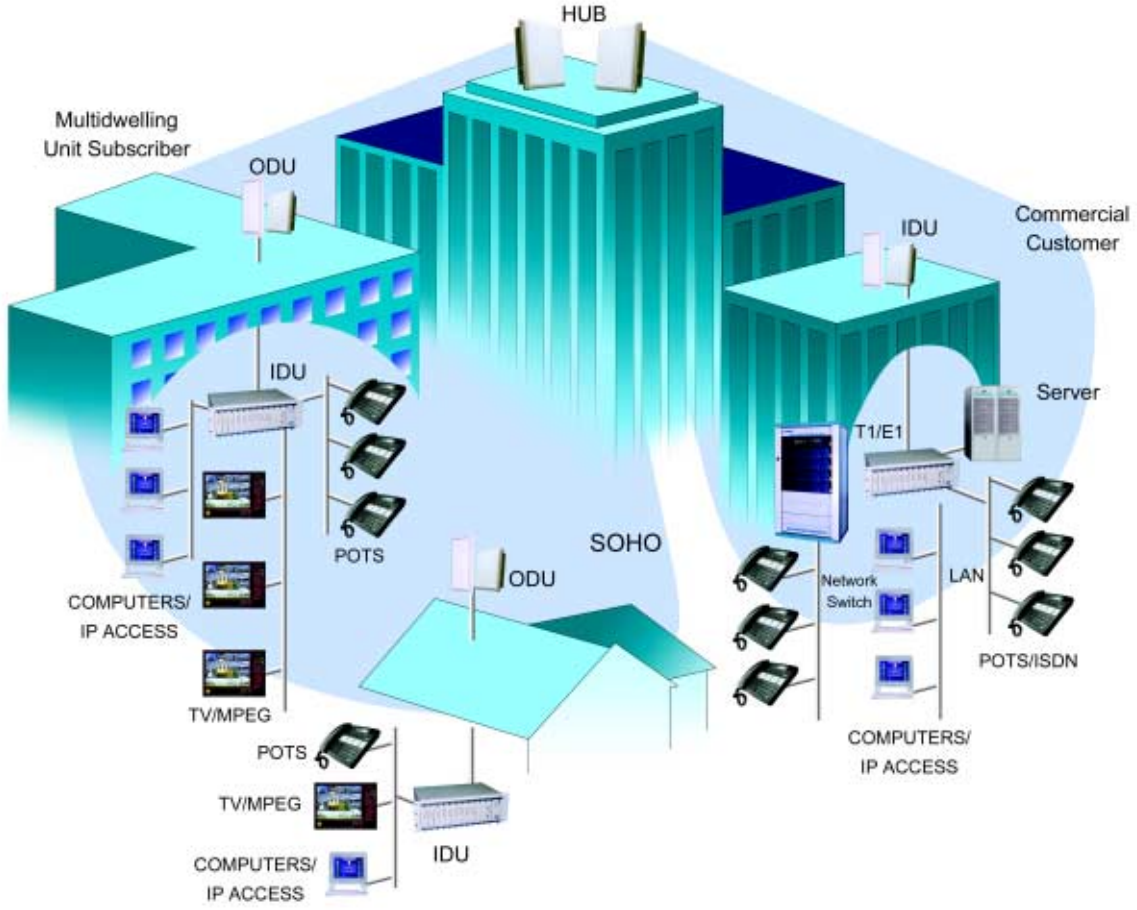
System Structure

AB9400/26G Broadband Wireless Access System employs a point-to-multipoint (PMP) architecture. It consists of three components: Hub,Remote Terminal (RT) and Element Management System (EMS). The hub is logically divided into sectors and consists of a set of hub terminals (HTs). The function of each part is as follows:

Hub: Hub can centralize services and signals from equipments in different sectors and connect to backhaul network.

RT: Each RT can transmit the remote services back to hub and receive data from hub. It is installed at the customer premise sites to provide voice, data services etc.

EMS: EMS can provide the management of configuration, failure, performance, security and gather detailed information about the system. The software platform is UNIX. It's operation system is Sun Solaris.



- Use 26GHz frequency band
- Each RF carrier can range from 64 kbps up to 30 Mbps
- Support the large capacity and two-way services such as voice, data , video etc.
- Offer backhaul connectivity for narrowband or mobile wireless networks
- Support point-to-point (PTP) radio application as well as PMP in a HT

Tycipal Appliantion