

ENTERPRISE WLAN SOLUTION

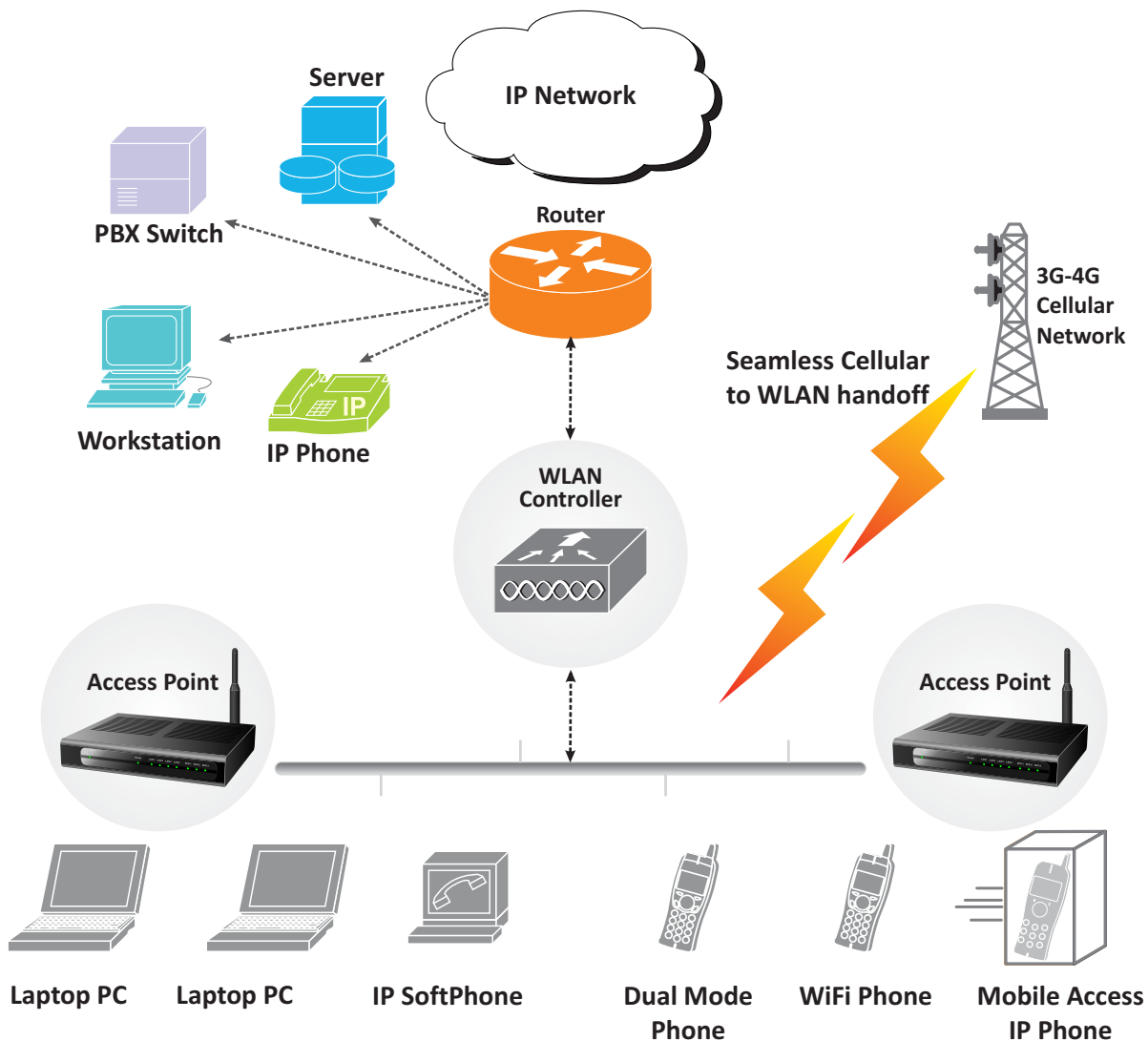


Introduction

ALLEN Calsoft Labs provides a mature, field tested Enterprise WLAN software solution to OEMs supporting IEEE802.11b/g/n standards. ALLEN Calsoft Labs' WLAN software solution is a complete WLAN controller and Access Point (AP) software framework with 100 person years of product development effort behind it. It includes several advanced features and well-defined APIs that allow OEMs to add unique differentiation to develop best-of-breed Enterprise WLAN products within a short time frame.

Solution Highlights

ALLEN Calsoft Labs' Enterprise Class WLAN solution consists of two main components: the WLAN-AP Access Point and the WLAN-C Wireless LAN Controller, which combine to provide the fastest and most cost effective entry to the rapidly growing hyphen Wi-Fi mobility market. It includes advanced features such as Fast roaming, Automatic coverage healing around failed APs, Toll-quality VOIP support, Security with Rogue AP detection and Plug-and-play set-up with automatic provisioning of APs.



WLAN Controller Overview

The WLAN-C is the ideal WLAN controller for the next generation Wi-Fi networks providing an unmatched voice and data mobility solution up to 250 users. WLAN-C is easy to deploy and manage, provides enterprise grade security, toll quality voice and seamless roaming for Wi-Fi capable phones.

WLAN Access Point Overview

WLAN-APs are managed Access Points that work in conjunction with the WLAN-C controller to provide simple, secure voice and data (802.11b/g/n) access for any SMB. The WLAN-AP solution has gone through Wi-Fi Alliance certification for WPA and WPA2 authentication and encryption. It can serve as a wireless network access device, as well as Wi-Fi IDS/IPS scanner if required.

Key Features

- Scalability, Resiliency, and Redundancy
- Virtual AP support
- Multiple SSID support
- Enhanced security
- 802.11e QoS
- Automatic channel selection and radio management
- Support for Intrusion detection and prevention
- Fast roaming even across switch and router boundaries
- Easy configuration
- Layer 2/3 Advanced configuration and Roaming
- Easily portable to any CPU/OS

Standards & Certifications Support

- Wi-Fi Alliance b, g, n
- Wi-Fi Alliance WPA and WPA2
- Wi-Fi Alliance EAP
- Wi-Fi Alliance WMM
- 802.11b/g/n
- 802.11d Country Code support
- 802.11e / WMM Class of Service
- 802.11i Security
- 802.3ab
- 802.3af

Management Solution

- Plug-and-Play set-up with automatic provisioning of APs (including AP discovery, radio and BSS configuration, RF parameters of channel and transmit power level, and local VLAN with 802.1ab)
- Template based AP configuration
- Dynamic transmit power control
- Automatic channel selection on start-up with on-going map of optimal channel selections
- Full manageability through SNMP and enterprise MIBs
- Management across IP networks with standard CAPWAP, including automatic AP software upgrade, and mutual AP-controller authentication with secure key exchange Web-based GUI over HTTP and CLI
- Comprehensive statistics for APs and clients

ABOUT ALTEN CALSOFT LABS

ALTEN Calsoft Labs is a next gen digital transformation, enterprise IT and product engineering services provider. The company enables clients innovate, integrate, and transform their business by leveraging disruptive technologies like mobility, big data, analytics, cloud, IoT and software-defined networking (SDN/NFV). ALTEN Calsoft Labs provides concept to market offerings for industry verticals like education, healthcare, networking & telecom, hi-tech, ISV and retail. Headquartered in Bangalore, India, the company has offices in US, Europe and Singapore. ALTEN Calsoft Labs is a part of ALTEN group, a leader in technology consulting and engineering services.

www.altencalsoftlabs.com



business@altencalsoftlabs.com