AltaiCare Cloud-based WLAN Management

AltaiCare is a cloud-based WLAN management solution. With its unmatched scalability and ease of use, AltaiCare enables any organization, from SMB with limited IT resources to ISP with thousands of APs, to quickly set up, monitor, and manage a single- or multi-site Wi-Fi network of any size.

Plug-and-Play Wi-Fi Deployment

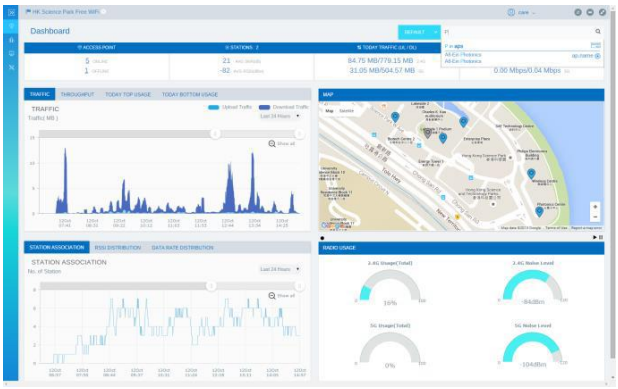
Wi-Fi network setup has never been easier. Simply unpack and plug APs to the network. Once an AP is connected to the Internet, the configuration and firmware are automatically downloaded from AltaiCare. Thus, an entire Wi-Fi network can be up and running in minutes. With AltaiCare's web-based user interface, much complexity is hidden from the user, allowing him or her to concentrate on the information needed to accomplish any task.

Secured AP Management

Once up and running, AltaiCare automatically manages the Wi-Fi network. Configuration changes can be applied to multiple APs or the entire network. An intuitive dashboard provides a comprehensive network snapshot and allows IT staffs to trouble-shoot any problems easily. Furthermore, AltaiCare is highly secured, as only SSL encrypted management traffic goes to the cloud; data traffic stays locally.

Smart Access Management Options

With AltaiCare, ISPs can easily offer public access services via hotspots using free access, regular user account, social media, pay-to-access, or other captive portal login options. On the other hand, IT managers of enterprises can quickly set up secured private access services for their internal networks through 802.1x based authentications.



Advertising Engine for Wi-Fi Monetization

The Advertising Engine of AltaiCare provides a powerful yet simple content management platform for organizing and selectively advertising content to users depending on the AP location and demographics. Moreover, real-time analytics, rich dashboard, and reporting of AltaiCare mean that marketers can leverage big data to engage customers effectively to promote their business.

Unmatched Reliability and Scalability

AltaiCare is built on secure, PCI compliant, redundant and massively scalable cloud technologies, ensuring the highest possible availability and uninterrupted service. It can support small deployments and can easily ramp-up to support Wi-Fi networks with thousands of APs and tens of thousands of users.

AltaiCare On-Premises

Built upon the proven and highly-scalable AltaiCare cloud-based solution, AltaiCare On-Premises is a virtualized WLAN management platform that can be hosted on a local server or a private cloud.

Key Features and Benefits

- **Pay-As-You-Grow** AltaiCare's pay-as-you-grow licensing enables a cost effective Wi-Fi network solution with huge cost saving since no WLAN controller is needed.
- **Flexible Deployment** Support cloud-based service or on-premises installation maximizes deployment flexibility.
- **Smart Access Management** Smart access features such as guest access, social media, pay-to-access, and 802.1x based login allows quick setup for easy monetization of hotspot services or secured private network access.
- **Ease of Use** Zero configuration allows a non-technical person to simply unpack and plug APs to Wi-Fi network. The APs will automatically get configuration and firmware from AltaiCare.
- **Location Based Advertising** AltaiCare's Advertising Engine enables ISPs to turn their Wi-Fi network into a new marketing medium which marketers can use to promote and sell their products and services.
- **Ultimate Reliability** Built on the latest cloud technologies, AltaiCare ensures high availability and uninterrupted service with scalability to a network of any size.

Altai Technologies Ltd. All rights reserved

ALTAI Super WiFi

AltaiCare

Cloud-Based / On-Premises WLAN Management Solution

Deployment Options

- Cloud-Based Service: Supported
- On-Premises Hosting: Supported

AP Management

- Interface: Web
- AP Provisioning: Batch provisioning; Configuration checking; Auto software upgrade
- Statistics: Channel usage; Client distribution; Data rate; Noise Level; User Traffic
- Network Health Monitoring and Trouble-shooting: Supported
- Historical Report: Supported
- RF Management: Auto channel selection; Auto power control*; Interference detection*; Client load balancing*

Public Wi-Fi

- Captive Portal: Built-in; External
- Portal Customization: Supported
- Free Access: Supported
- Prepaid Access: Supported
- Subscription Access: Supported
- Social Login: Facebook; WeChat; Google*; Linkedin*
- Email Login: Supported
- SMS Login: Supported
- Payment Gateway: Supported*
- Statistics: Advertisement click / view count; Login time distribution; User account history
- Monthly User Report: Supported*
- Advertising Engine: Demographic Targeting; Device Targeting*; Geo-Targeting

Private Wi-Fi

- Standards: WPA; WPA2; 802.11i
- Encryption: WEP; TKIP; AES
- Authentication: 802.1x; MAC address-based

Quality of Service

- 802.11e/WMM: Supported
- Traffic Prioritization: TOS-based; VLAN-based
- Bandwidth Control: Per user; Per WLAN

Security

- User Database: Internal; External: RADIUS, Active Directory*
- User Access Control: L2 (MAC address-based); L3/4 (IP and protocol-based); L2 client isolation

Wireless Standards

- IEEE: 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac, 802.11r, 802.11k, 802.11v, 802.11d, 802.11e, 802.11u*

Other Network Management Highlights

- Multi-level Admin: Supported
- Email Push Notifications: Supported
- Single- and Multi-Site Management: Supported
- Google Maps: Supported
- Floor Plan Import: Supported

Product Ordering Information

AltaiCare Cloud

- AltaiCare Annual Subscription Fee (Include Technical Support and Software Upgrade)

AltaiCare On-Premises

- For Customer Who Wants to Run AltaiCare on premises
- Hosted, Managed, and Upgraded by Customer
- One-time License and Annual Support Fees

Contact Us

- Email: sales@altaitechnologies.com

CARE-PB-170224

** Will be available in the future.*

Although Altai has attempted to provide accurate information in these materials, Altai assumes no legal liability for the accuracy and completeness of the information. All specifications are subject to change without notice.

Altai Technologies Ltd. All rights reserved