



Next Generation Cloud-Managed WLAN Solution

Data Sheet

Altai Insights is a cloud-first, entry-level wireless network management solution that aims to provide centralized visibility and control over small Wi-Fi networks without the need for additional hardware controllers or overlay management systems. Unlike AltaiCare Cloud, the Insights platform is designed to be end user oriented, offering a streamlined self-service account registration process. This eliminates the hassle of going through resellers and distributors, allowing for quick and efficient network rollouts while saving time and effort.

Key Features and Benefits



Streamlined AP configuration process and effortless centralized network and user management



Built-in RADIUS and captive portal services for enterprise and guest Wi-Fi user access, securing your network



Full visibility into Wi-Fi performance, user traffic and network inventory across the network



Multi-user privileges in an organization for flexible WLAN management



Comprehensive configuration history management, allowing you to track changes and roll back configuration as needed



Built on a serverless cloud architecture for high resiliency and scalability, providing you with a true always-on services while staying ahead with the latest feature updates



#Supported AP Models

- CX600
- IX600
- C1n (HW Version 4.0 or above)
- C2s
- C260 Series

Network Capacity

- 50 Managed APs Per Organization

WLAN Management

- Synchronization with Existing AP Configuration
- Configuration Template and Batch Provisioning
- Configuration History and Rollback
- Bulk Firmware Update
- Radio Resource Management (Auto Channel Selection, †Band Steering, and more)
- †Multicast Filter
- †Multicast to Unicast Conversion
- Bandwidth Control Per SSID/Client
- †Client Association Control per SSID by SNR and Data Rate
- Hidden SSID in Beacons
- RTS/CTS Threshold Control
- †Fast Roaming (802.11r)
- QoS: 802.11e (WMM)
- †DHCP Snooping Trust Port
- Google Map and Indoor Layout Import
- Real-Time AP Group/AP/Client Monitoring
- AP Event Log and Full Log Retrieval

‡Access Services

- Captive Portal
 - Portal Page Templates
 - Click-Through, User Sign-Up and Standard Account Login
 - Social Login (Facebook, Google, LinkedIn, X)
 - Guest Access Vouchers
 - MAC Caching for Repeated Users' Login Bypassing Splash Page
 - Guest Wi-Fi Advertising and Marketing
- RADIUS
 - User Group and Account Management
 - Per-User QoS and Access Control: Session Timeout, Data Quota, Account Validity, Bandwidth Control, and more
 - User Traffic Accounting

Data Plane

- Distributed Forwarding (Client data traffic stays local and sent through an existing gateway/firewall)
- VLAN Assignment per WLAN (Access/Trunk)

Data Analytics

- Statistics on AP Online Status, Traffic, Client Association and RF Performance
- Up to 12-Months of Historical Data Retention

WLAN Security

- Standards
 - WPA/WPA2/*WPA3
 - 802.11i
 - 802.11w (Management Frame Protection)
- Authentication
 - WPA/WPA2-Personal (PSK)
 - WPA/WPA2-Enterprise (802.1X/EAP)
 - *WPA3-Personal (SAE)
 - *WPA3-Enterprise (802.1X/EAP)
 - WEP
 - Open (Portal, MAC Authentication)
- Encryption
 - WEP
 - TKIP
 - AES
- User Database
 - RADIUS (‡Internal/External)
- User Access Control
 - MAC Address-Based ACL
 - Layer 2 Isolation
 - †Access Traffic Right
- AP Management
 - Trust IP Management Access
 - AP Login Credentials Management

System Management

- Web Interface (HTTP/HTTPS)
- Multi-User Privileges
- Self-Service Registration and Password Recovery



#Applicable to APs purchased on or after Jan 01, 2025

*Expected in a future release

†Feature availability depending on AP models

‡Additional license required



		Insights	AltaiCare
			
Business Model		B2C, e.g. individuals	B2B, e.g. MSPs, project owners
Subscription Model		Free	By credit purchases based on AP model and number
Architecture		Single tier (organization)	Two tiers (project > site/domain)
Supported AP Capacity		50 AP per organization	Unlimited
Initial Account Setup		Self-registration via Email	Through resellers/distributors
WLAN Management	AP Registration	Single AP and bulk AP registration	Single AP and bulk AP registration
	AP Configuration and Provisioning	<ul style="list-style-type: none"> • Template created from scratch or by synchronization with existing AP configuration • One template for all settings including AP's system, radio configuration, WLAN and security profiles • Applied to AP group or individual AP 	<ul style="list-style-type: none"> • Template created from scratch • Separate templates for default site (AP's system and radio settings), WLAN profiles and security profiles • Applied to site-wide, branch (subset of site) and individual AP
	AP Configuration History and Rollback	Yes	No
	Dashboard	Organization-wide, individual AP	Site-wide, individual AP, individual WLAN, domain-wide
	AP Firmware Update Scheduling	Yes	Yes
	WLAN Scheduling	No	Yes
	Map	Yes	Yes
	Bridge Link Topology Visualization	No	Yes
	Wireless Intrusion Prevention System (WIPS)	No	Yes
	Monitoring	Real-time statistics on AP group/AP/client association/RF performance	Real-time statistics on site/WLAN/AP/bridge link/client association/RF performance
	Logging	AP event log view and full log retrieval	AP event log view and full log retrieval
	Reporting	No	Yes
	Alert Notification	No	Yes
Data Retention	Up to 12-months subject to data type	Up to 12-months subject to data type	

		Insights	AltaiCare
User Access Services	Authentication	<ul style="list-style-type: none"> WPA/WPA2/*WPA3-Enterprise (802.1X/EAP) WPA/WPA2/*WPA3-Personal (PSK) MAC Authentication Portal Authentication 	<ul style="list-style-type: none"> WPA/WPA2/WPA3-Enterprise (802.1X/EAP) WPA/WPA2/WPA3-Personal (PSK) MAC Authentication Portal Authentication Combination of Portal and PSK Combination of MAC Auth and PSK
	Captive Portal Page Template	Yes	Yes
	HTTP/CSS Customizable Package	No	Yes
	Captive Portal Login Methods	Click-through, user sign-up and standard username/password login and social login (Facebook, Google, LinkedIn, X)	Click-through, user sign-up, standard username/password login and social login (Facebook & Google)
	Layer 2 Portal	No	Yes
	Layer 3 Portal	Yes	Yes
	Layer 3 Portal User-Defined Domain Name and SSL Certificate Update	No	Yes
	MAC Caching	Yes	Yes
	Targeted Advertising	Yes	Yes
	User Group and Account Management	Yes	Yes
	Guest Voucher Generation	Yes	Yes
	Per-User QoS and Access Control	Yes	Yes
	User Login Session Monitoring	Yes	Yes
	RADIUS Accounting Log	No	Yes
	User Login Session Report	No	Yes
Alert Notification	No	Yes	

*Expected in a future release

		Insights	AltaiCare
Data Plane	Architecture	Distributed forwarding	Distributed forwarding
	VLAN	<ul style="list-style-type: none"> Per WLAN assignment 	<ul style="list-style-type: none"> Per WLAN assignment Role-based assignment (dynamic VLAN)
Administration	Self-Service Password Recovery	Yes	Yes
	Multi-User Privileges and Management	Yes	Yes