



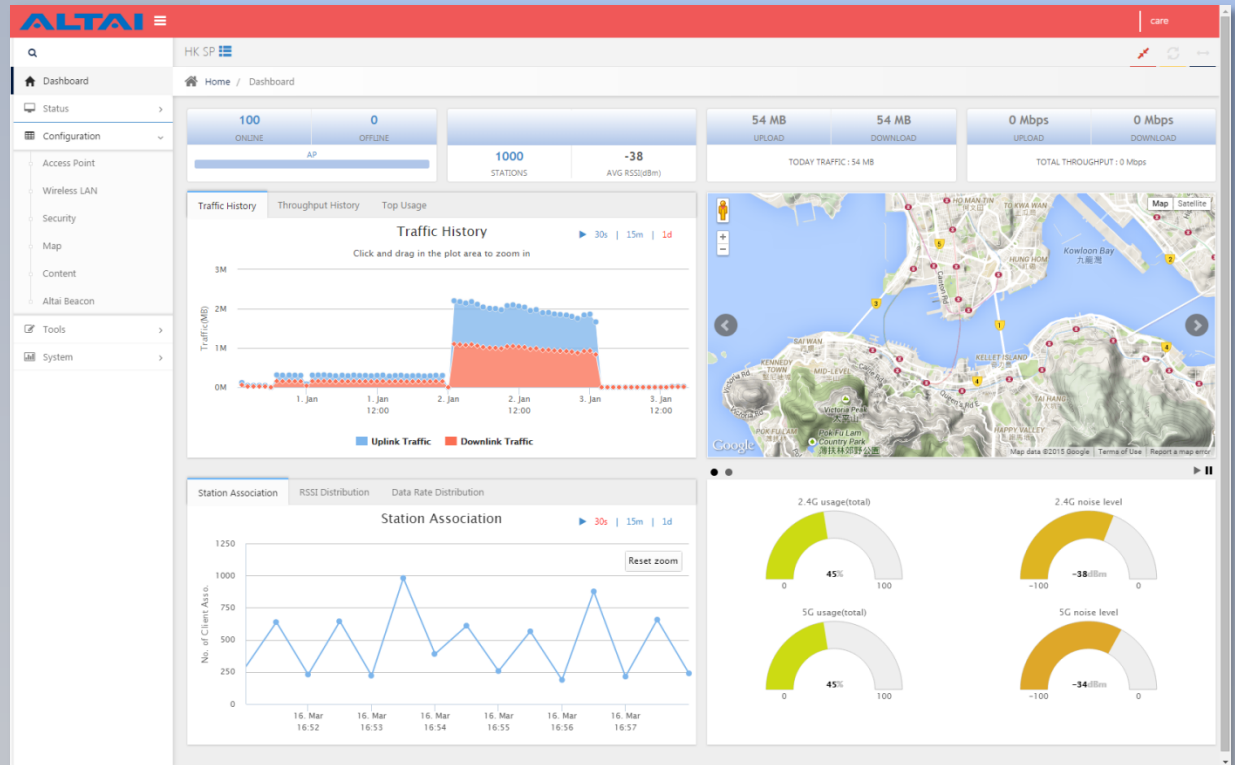
AltaiCare Product Presentation

Date: By Product Marketing
May 18, 2015

Confidential Information
Not for Distribution

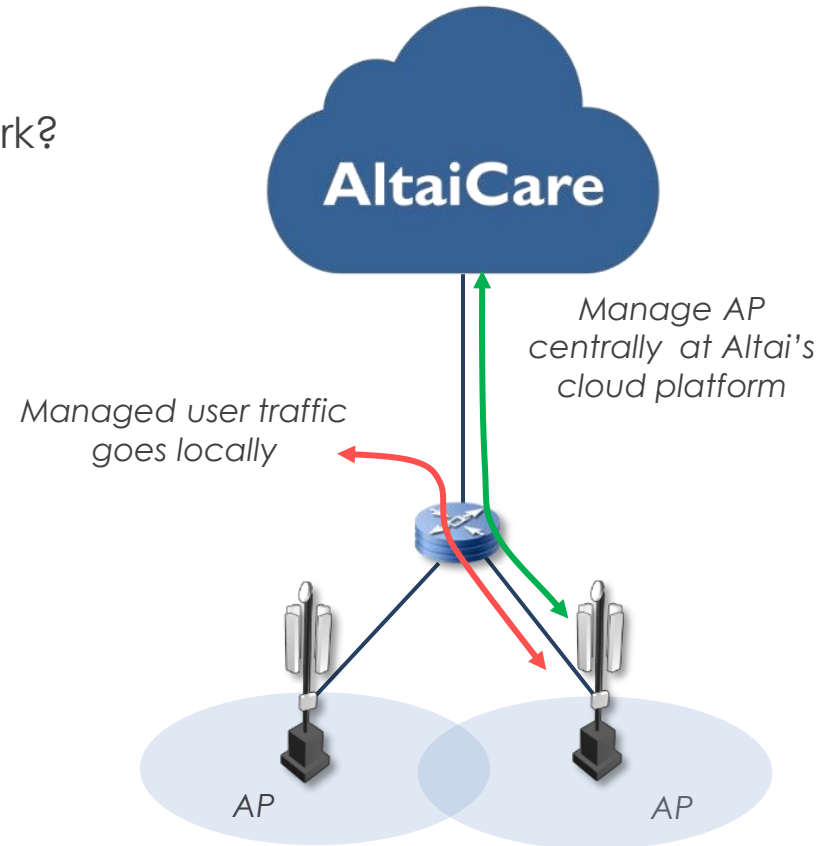
Contents of this presentation

- Overview
- Product Application
- Product Feature
- Screen Capture
- Ordering Information



Why AltaiCare?

- We care about
 - How fast you can deploy a network?
 - How happy is your customer?
 - How to enable you to earn more?



AltaiCare Highlights

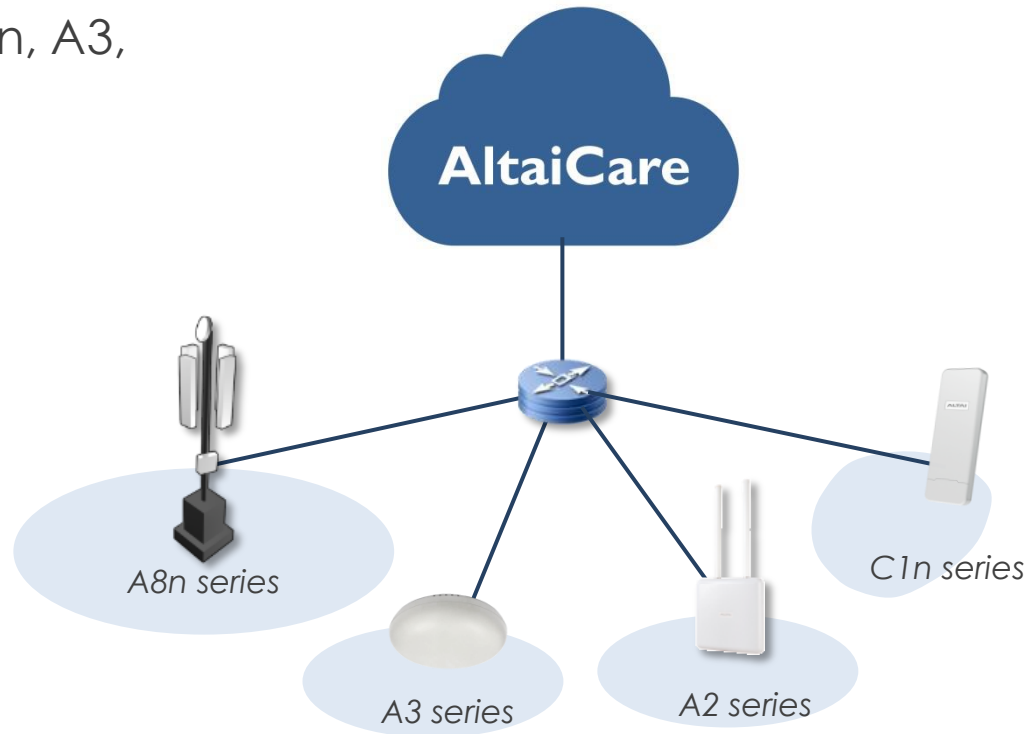
- How fast you can deploy your network?
 - Zero configuration – effortless auto configuration once connected to Internet
 - Cloud-based – quick service provisioning anywhere
 - No controller is required – save setup time and cost
- How happy is your customer?
 - Minimum startup cost – pay as you grow
 - User friendly – multiple-site monitoring at a glance
 - Green-friendly – auto turn down your radios in non-service period
 - High availability – fully failover protection at AltaiCare cloud center
- How to enable you to earn more?
 - Integrated billing model – including pre-paid, post-paid and captive portal
 - Location-aware advertising – improving your revenue
 - Big data analytics – know where your customers stay or spend to define sales strategies
 - Mobile app supported – higher hit rate higher company exposure and value

4 Core Applications In 1 Suite



Supported AP Type

- Support full series of A8n, A3, A2 and C1n



AltaiCare Login Levels

Project Administrator

- Create sites
- Manage multiple sites
- Install credit key

Customers

Site Administrator

- Manage assigned site

Site Monitor

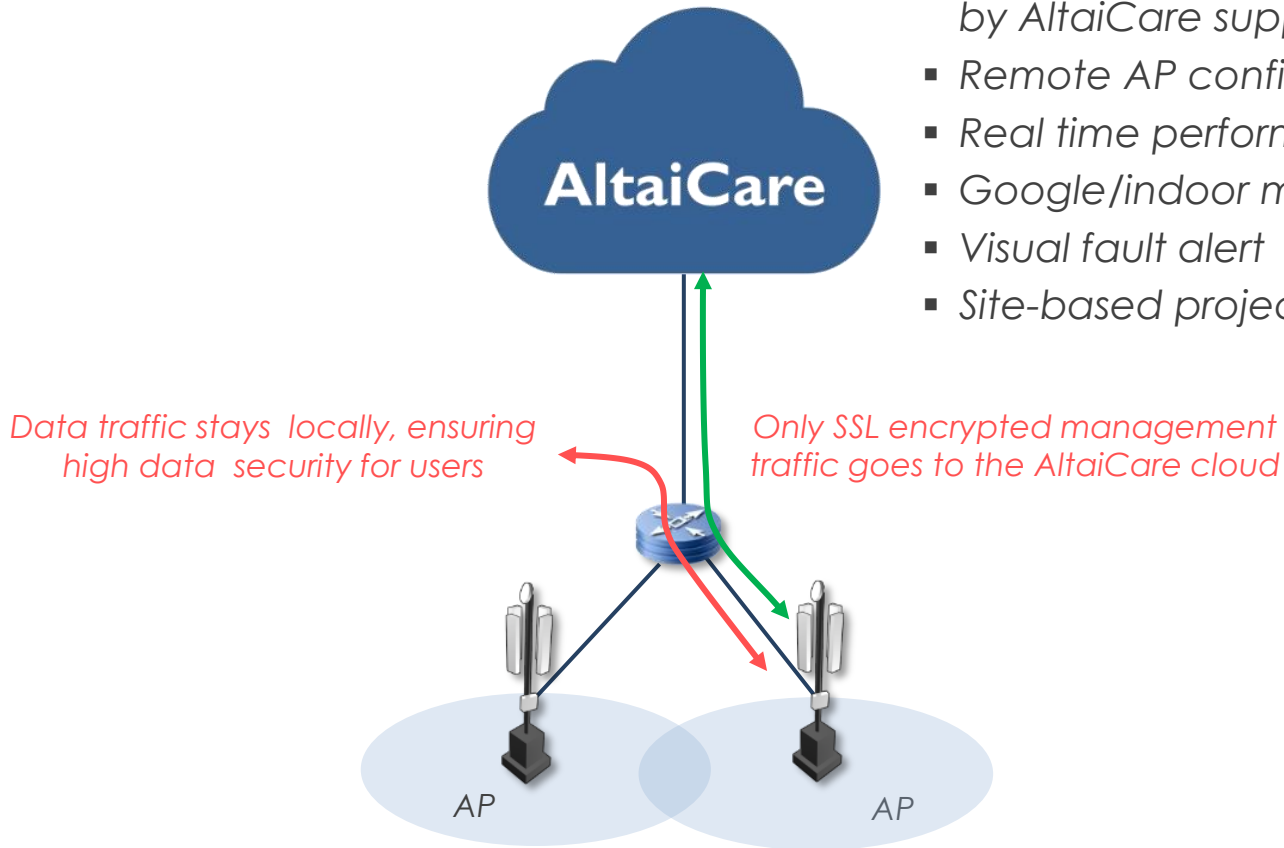
- Monitor assigned site

*Customer's admin/
Customer's customer*

Product Application

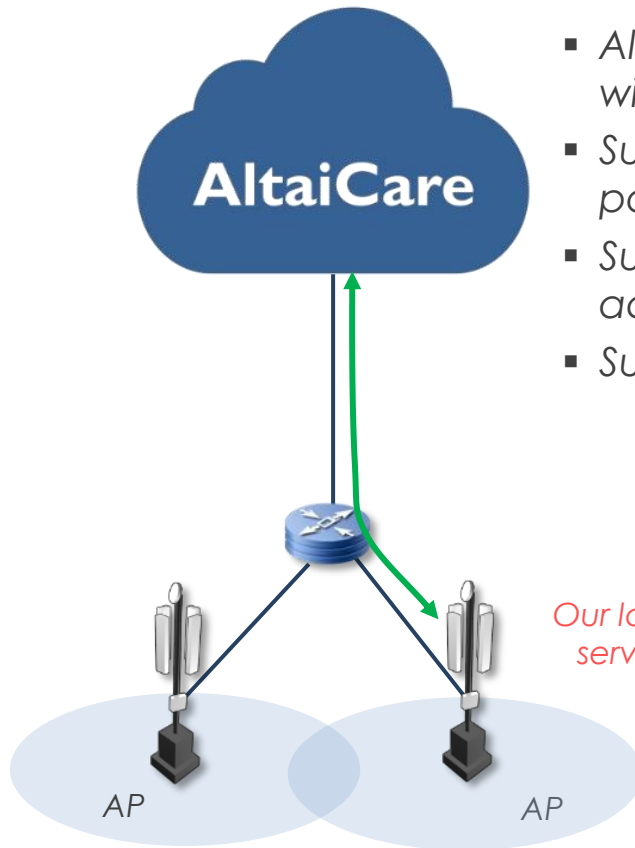


Secured AP Management



- All APs can be centrally managed by AltaiCare supporting
- Remote AP configuration
- Real time performance statistics
- Google/indoor map
- Visual fault alert
- Site-based project administration

Service Control



- *AltaiCare supports service control features without deploying a physical controller*
- *Support EAP, MAC address and captive portal authentications*
- *Support pre-paid, post-paid and guest access billing models*
- *Support per user bandwidth control*

Our latest AP firmware has built-in service controller features that work with AltaiCare

Location –aware Advertising



Altai Beacon

- An AC plug device with embedded radio
- Continuously transmits its location information to mobile clients through WiFi and Bluetooth
- Integrated UK, US* or EU* AC power outlet for electrical appliances

Specifications

- | | |
|-------------------------|---|
| ▪ AC plug and outlet | UK, US* or EU* |
| ▪ Wireless interface | 802.11b/g/n and Bluetooth* |
| ▪ Dimensions | 59 (W) x 95 (D) x 72 (UK)/61 (US)/ 76 (EU) mm (H) |
| ▪ Power source | 100 to 240 VAC |
| ▪ Power consumption | 6 W |
| ▪ Outlet current (max.) | 13 A (UK, EU), 15 A (US) |
| ▪ Operating temperature | 0 °C to 40 °C |
| ▪ Humidity | 10 – 90% (Non-condensing) |



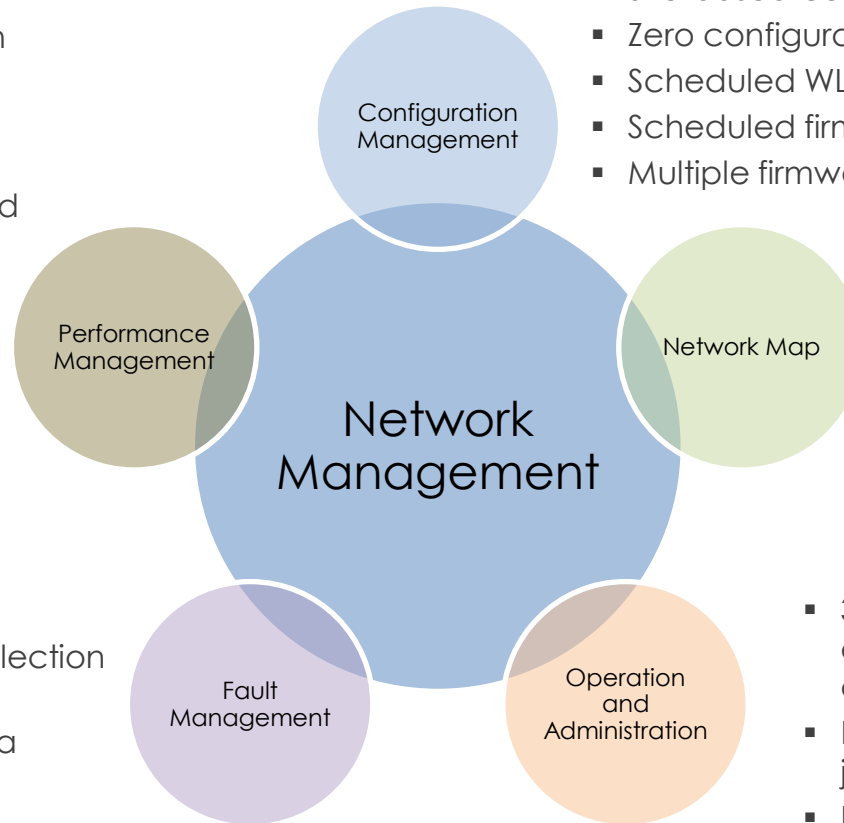
* Available in future release



Product Feature

1. Network Management Feature Highlights

- Real time AP and station performance statistics
- Interactive performance statistics diagrams
- Top 10 usage stations and AP list
- Site/AP performance dashboard
- AP/Station performance reporting*



- Site-based configuration
- Zero configuration
- Scheduled WLAN service provisioning
- Scheduled firmware upgrade
- Multiple firmware image

- Google map support
- Baidu map support
- Multi-layer indoor map support

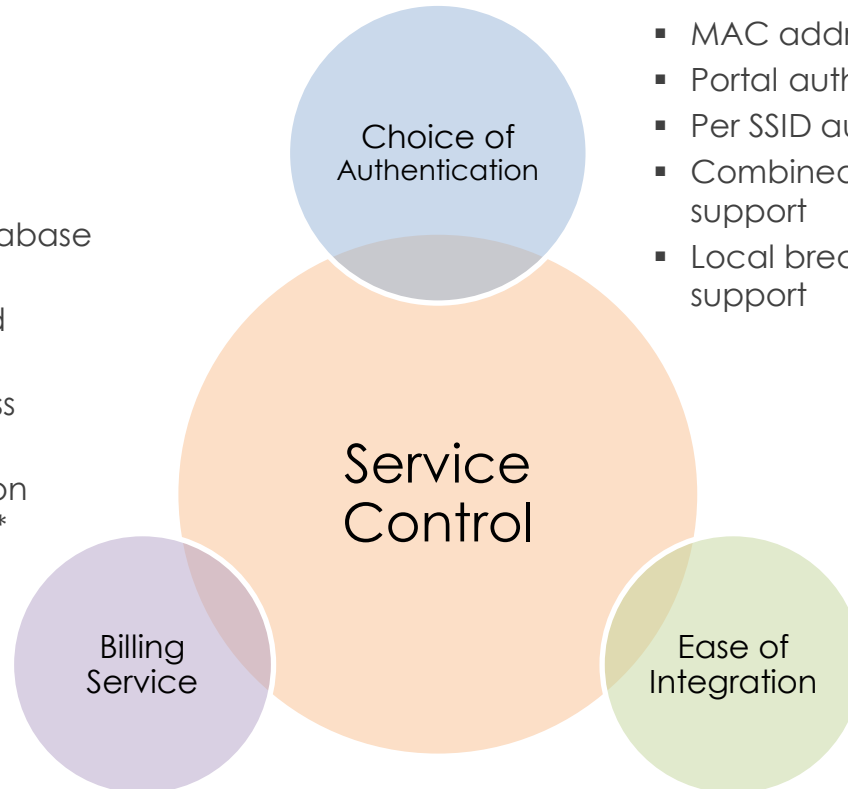
- Real-time alert collection and reporting
- Visual fault alert via network map
- Email alert*

- 3-tier login for project administrator, site administrator and site monitor
- Responsive Web UI – tablet/ jumbo screen (for NOC)
- Powerful search engine
- Host IP address binding on user account*

* Available in future release

2. Service Control Feature Highlights

- Local user account database with user QoS profile
- RADIUS accounting and reporting support
- Prepaid/post-paid/guess access model
- Mobile phone registration on portal page via SMS*
- Payment gateway integration*



- EAP authentication
- MAC address authentication
- Portal authentication
- Per SSID authentication type
- Combined authentication support
- Local breakout with roaming support

- Customizable local portal
- External portal service interface
- Remote RADIUS interface
- Active directory interface

* Available in future release

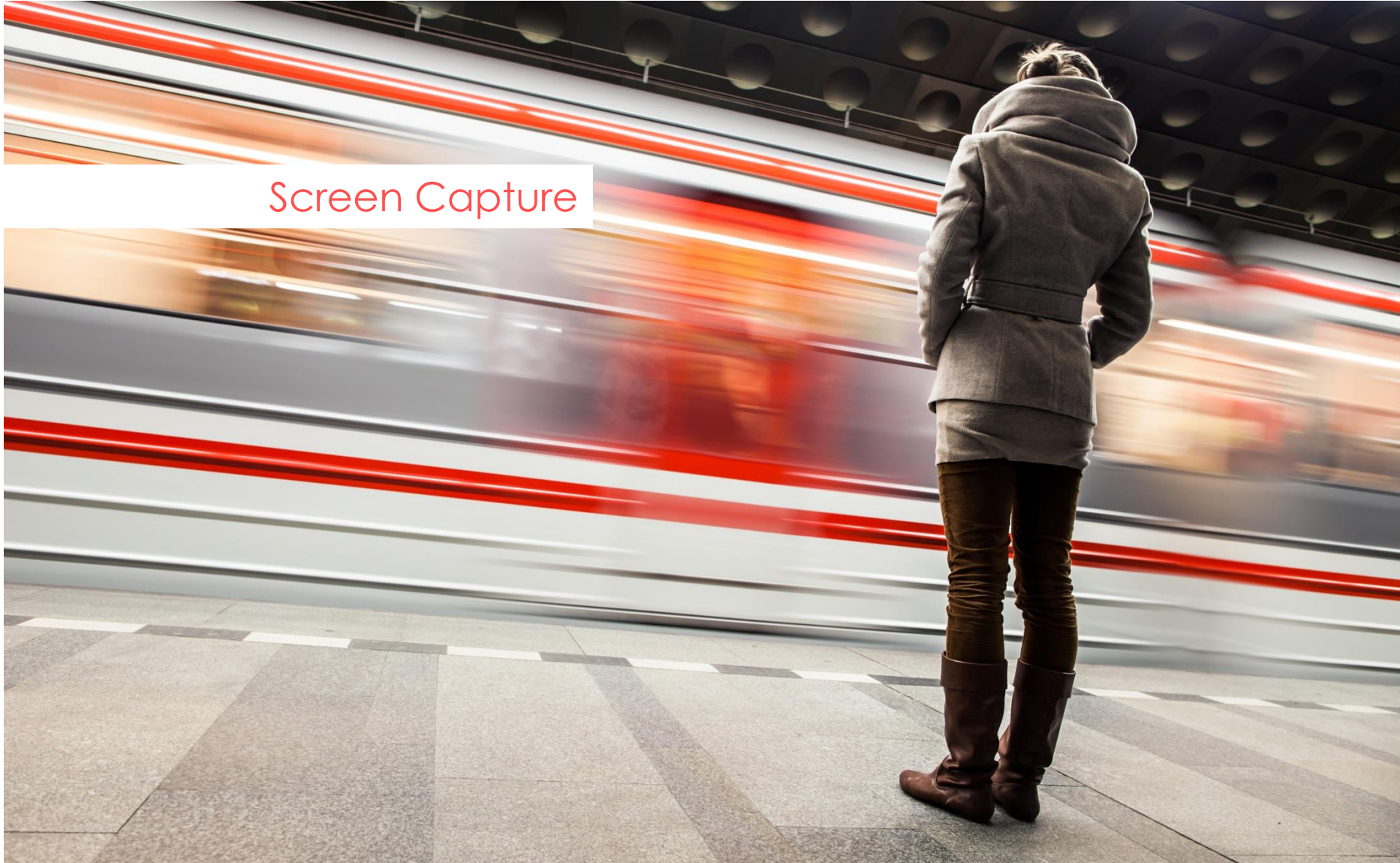
3. Content Management Feature Highlights

- AP-based advertisement feed
- Altai beacon-based advertisement feed
- Mobile friendly portal page with advertisement
- RESTful Web service API for mobile app
- Mobile app SDK support

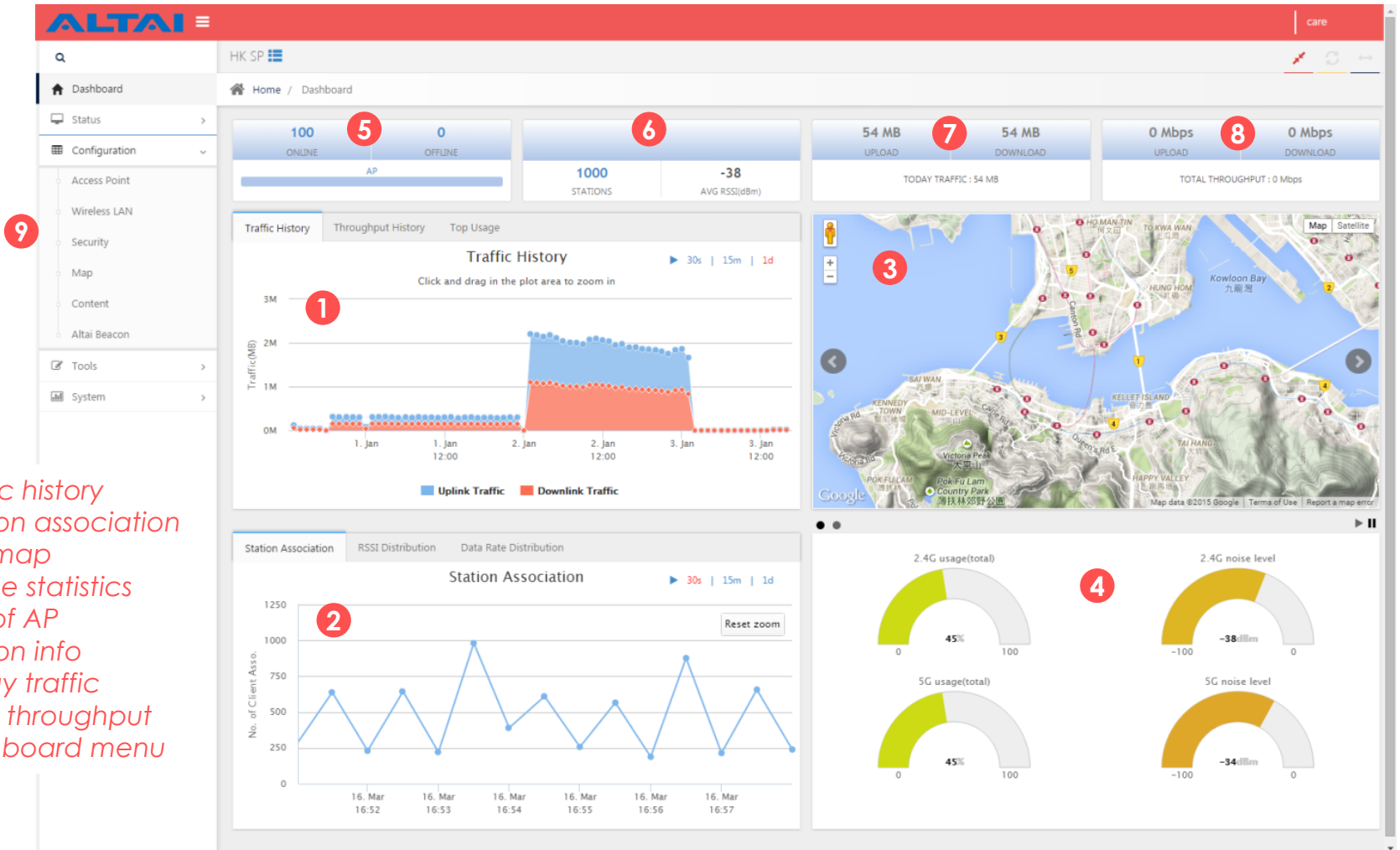


* Available in future release

Screen Capture



Dashboard



1. Traffic history
2. Station association
3. Site map
4. Usage statistics
5. No. of AP
6. Station info
7. Today traffic
8. Total throughput
9. Dashboard menu

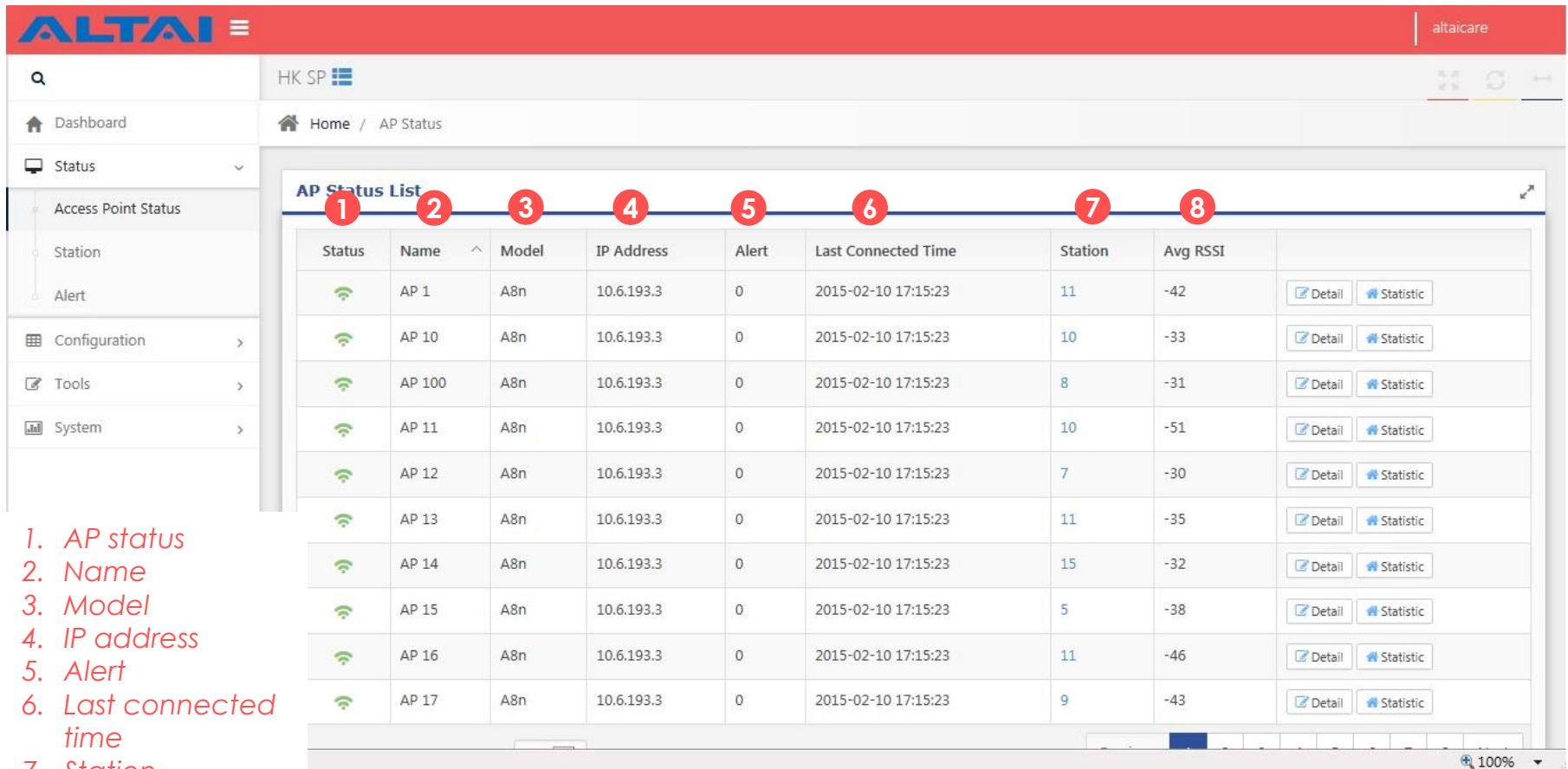
Menu

The screenshot shows the ALTAI Super WiFi management interface. A red box highlights the left-hand navigation menu, which includes: Dashboard, Status, Configuration (with sub-items: Access Point, Wireless LAN, Security, Map, Content, Altai Beacon), Tools, and System. A red arrow points from the 'Configuration' menu item to a list of features in the center. The main interface displays traffic statistics (54 MB upload/download), a map of Kowloon Bay, and four gauge charts for 2.4G and 5G usage and noise levels.

- Home/Dashboard
- Status
 - Access Point Status
 - Station
 - Alert
- Configuration
 - Access Point
 - Wireless LAN
 - Security
 - Map
 - Content
 - Altai Beacon
- Tools*
 - Channel Scanning
 - Station Connectivity Test
- System
 - Operator
 - Change Password

* Available in future release

AP Status

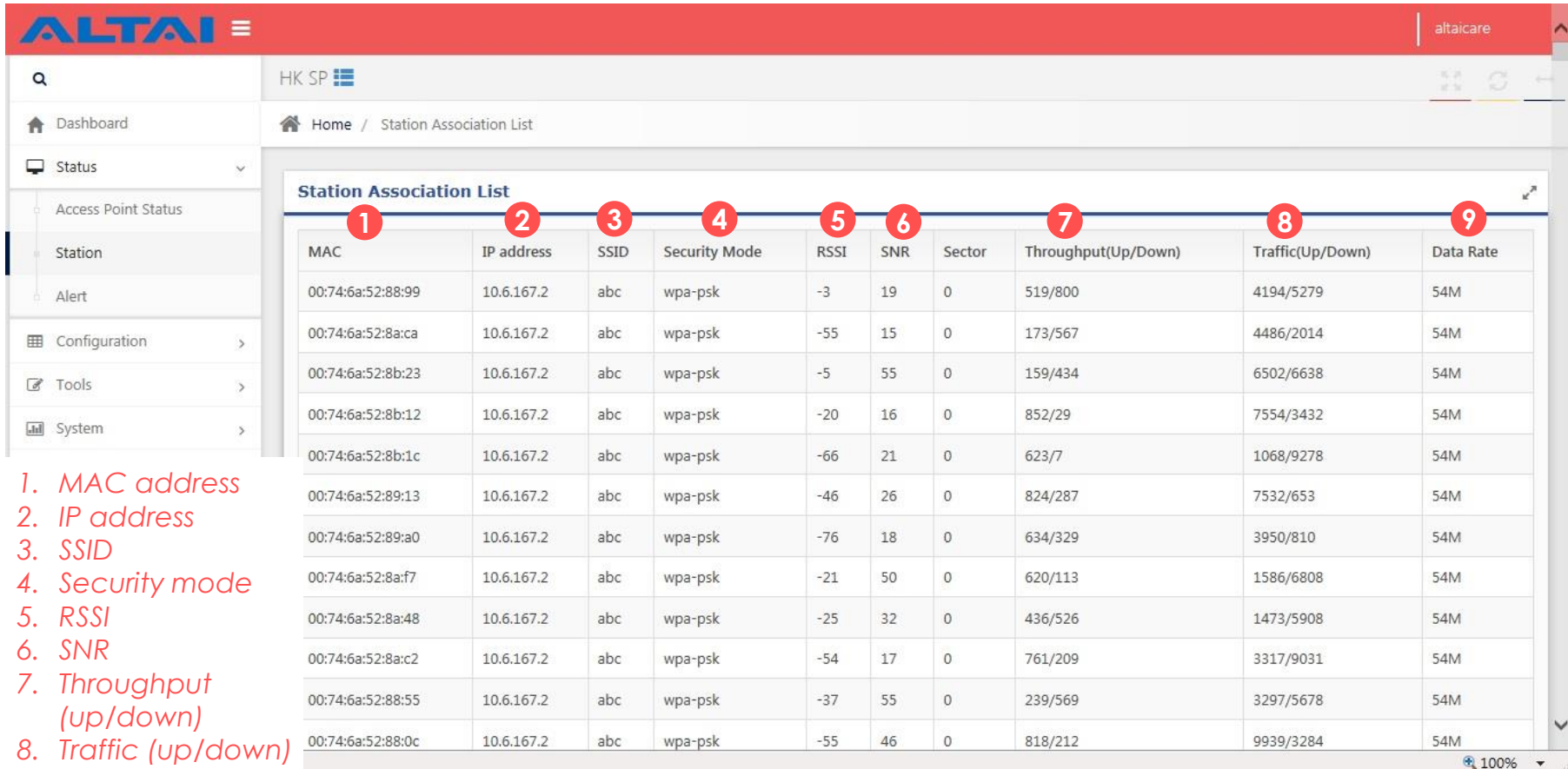


The screenshot shows the ALTAI web interface with the 'AP Status List' table. The table contains the following data:

Status	Name	Model	IP Address	Alert	Last Connected Time	Station	Avg RSSI	
📶	AP 1	A8n	10.6.193.3	0	2015-02-10 17:15:23	11	-42	Detail Statistic
📶	AP 10	A8n	10.6.193.3	0	2015-02-10 17:15:23	10	-33	Detail Statistic
📶	AP 100	A8n	10.6.193.3	0	2015-02-10 17:15:23	8	-31	Detail Statistic
📶	AP 11	A8n	10.6.193.3	0	2015-02-10 17:15:23	10	-51	Detail Statistic
📶	AP 12	A8n	10.6.193.3	0	2015-02-10 17:15:23	7	-30	Detail Statistic
📶	AP 13	A8n	10.6.193.3	0	2015-02-10 17:15:23	11	-35	Detail Statistic
📶	AP 14	A8n	10.6.193.3	0	2015-02-10 17:15:23	15	-32	Detail Statistic
📶	AP 15	A8n	10.6.193.3	0	2015-02-10 17:15:23	5	-38	Detail Statistic
📶	AP 16	A8n	10.6.193.3	0	2015-02-10 17:15:23	11	-46	Detail Statistic
📶	AP 17	A8n	10.6.193.3	0	2015-02-10 17:15:23	9	-43	Detail Statistic

1. AP status
2. Name
3. Model
4. IP address
5. Alert
6. Last connected time
7. Station
8. Average RSSI

Station Association Status



The screenshot shows the ALTAI web interface with the 'Station Association List' table. The table has 10 columns, each with a red numbered callout (1-9) pointing to its header. The data rows show various MAC addresses, IP addresses, SSIDs, security modes, RSSI, SNR, sectors, throughput, traffic, and data rates.

1 MAC	2 IP address	3 SSID	4 Security Mode	5 RSSI	6 SNR	7 Sector	8 Throughput(Up/Down)	9 Traffic(Up/Down)	Data Rate
00:74:6a:52:88:99	10.6.167.2	abc	wpa-psk	-3	19	0	519/800	4194/5279	54M
00:74:6a:52:8a:ca	10.6.167.2	abc	wpa-psk	-55	15	0	173/567	4486/2014	54M
00:74:6a:52:8b:23	10.6.167.2	abc	wpa-psk	-5	55	0	159/434	6502/6638	54M
00:74:6a:52:8b:12	10.6.167.2	abc	wpa-psk	-20	16	0	852/29	7554/3432	54M
00:74:6a:52:8b:1c	10.6.167.2	abc	wpa-psk	-66	21	0	623/7	1068/9278	54M
00:74:6a:52:89:13	10.6.167.2	abc	wpa-psk	-46	26	0	824/287	7532/653	54M
00:74:6a:52:89:a0	10.6.167.2	abc	wpa-psk	-76	18	0	634/329	3950/810	54M
00:74:6a:52:8a:f7	10.6.167.2	abc	wpa-psk	-21	50	0	620/113	1586/6808	54M
00:74:6a:52:8a:48	10.6.167.2	abc	wpa-psk	-25	32	0	436/526	1473/5908	54M
00:74:6a:52:8a:c2	10.6.167.2	abc	wpa-psk	-54	17	0	761/209	3317/9031	54M
00:74:6a:52:88:55	10.6.167.2	abc	wpa-psk	-37	55	0	239/569	3297/5678	54M
00:74:6a:52:88:0c	10.6.167.2	abc	wpa-psk	-55	46	0	818/212	9939/3284	54M

1. MAC address
2. IP address
3. SSID
4. Security mode
5. RSSI
6. SNR
7. Throughput (up/down)
8. Traffic (up/down)
9. Data rate

AP Configuration

The screenshot displays the ALTAI Super WiFi management interface. The top navigation bar is red with the ALTAI logo and a menu icon. The left sidebar contains navigation options: Dashboard, Status, Configuration, Access Point, Wireless LAN, Security, Map, Content, Altai Beacon, Tools, and System. The main content area shows the 'AP List' table with columns for Name, Radios, Ethernet MAC, Serial, and Location. A red box highlights the 'Edit' button for the first row (AP 1). A modal window is open, showing the 'AP Name' field with 'AP 1' and the 'Location' field. The modal also includes an 'Add Radio' button, 'Save', and 'Cancel' buttons. A red arrow points from the 'Edit' button in the table to the modal.

Name	Radios	Ethernet MAC	Serial	Location	
AP 1	NA	NA	AN1	NA	Edit Delete
AP 10	NA	NA	AN10	NA	Edit Delete
AP 100	NA	NA	AN100	NA	Edit Delete
AP 11	NA	NA	AN11		
AP 12	NA	NA	AN12		
AP 13	NA	NA	AN13		
AP 14	NA	NA	AN14		
AP 15	NA	NA	AN15		
AP 16	NA	NA	AN16	NA	Edit Delete
AP 17	NA	NA	AN17	NA	Edit Delete

AP Name: AP 1
Location:
Add Radio
Save Cancel

1. AP Name
2. Radios
3. Ethernet MAC
4. Serial
5. Location
6. Edit/ Delete

Map Configuration

Map List

Name	Map Source	Center X	Center Y
Science Park	Google	22.428896	114.20718
Science Park Office	Image	529	157

Showing 1 to 2 of 2 entries

5. Showing 10, 20, 50 or 100 entries

6. Editable Google or indoor map

Name	Location	Ethernet MAC	Serial
AP 1	NA	NA	AN1
AP 10	NA	NA	AN10
AP 100	NA	NA	AN100

1. Map name
2. Map source
3. Center X
4. Center Y

Content Configuration

The screenshot displays the ALTAI management interface. On the left is a navigation sidebar with options like Dashboard, Status, Configuration, Access Point, Wireless LAN, Security, Map, Content, and Altai Beacon. The main area shows the 'Content List' table with columns for Name, Title, and Browsability. A red circle '1' highlights the '+' icon for adding content. A red circle '2' highlights the 'Name' and 'Title' columns. A red circle '3' highlights the 'Edit' and 'Delete' buttons in the 'Browsable' column. A red arrow points from the 'Edit' button to a detailed configuration window titled 'Content [Free Coffee] Detail Setting'. This window includes fields for Content Name, Content Title, a checked 'Browsable' checkbox, a rich text editor for Content Detail, a Banner Image field with a preview image, and a Detail Image field.

Name	Title	Browsable	
bauble	Christmas Rewards at L Gardens	Yes	Edit Delete
book	2014 Share Happiness - Christmas Gift Display by lite Bookstore	Yes	Edit Delete
Free Wifi	Free Wifi		
desigual	Desigual Sale		
espresso	espresso Sale		

Showing 1 to 5 of 5 entries 10

Content [Free Coffee] Detail Setting

Content Name:

Content Title:

Browsable:

Content Detail:

Free Coffee

Banner Image:

Detail Image:

1. Content name
2. Title
3. Browsability

4. Editable content name and content title
5. Banner detail
6. Banner image and detailed image

Altai Beacon Configuration

The screenshot displays the Altai Beacon List configuration interface. The top navigation bar includes the Altai logo and the user name 'altaicare'. The sidebar on the left contains navigation options: Dashboard, Status, Configuration, Access Point, Wireless LAN, Security, Map, Content, Altai Beacon, Tools, and System. The main content area shows the 'Altai Beacon List' table with the following data:

Name	Radio Mac Address	Content Name	Location	
bauble	ec:f0:0e:25:5b:f4	NA	NA	Edit Delete

Below the table, there is a pagination control showing 'Showing 1 to 10 of 101 entries' and a dropdown menu set to '10'. The pagination buttons are: Previous, 1, 2, 3, 4, 5, 6, 7, 8, Next. The number '1' is highlighted in blue.

1. Beacon name
2. Radio MAC address
3. Content name
4. Location

System Operator Setting

Operator [altaicare] Detail Setting

User Information(require)

1 Username: altaicare

Password: [masked]

2 User Role: Admin, Monitor, Site Admin, Site Monitor

3 Sites: [dropdown]

Personal Information(optional)

Email Address: [input]

Full Name: [input]

Contact Info: [input]

3-tier login for:
1. Project administrator
2. Site administrator
3. Site monitor

1. User name and password
2. User role
3. Sites

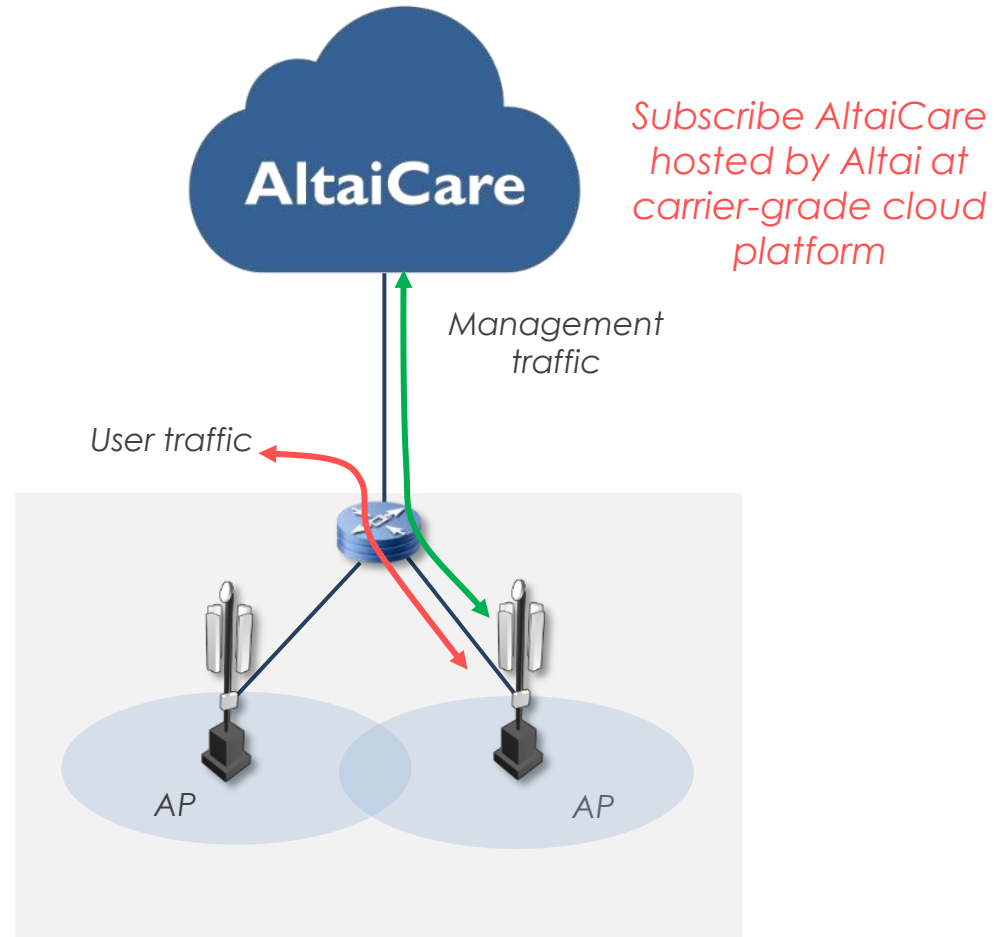
- Project administrator has higher authority and can create different site administrators and site monitors



Ordering Information

AltaiCare Subscription

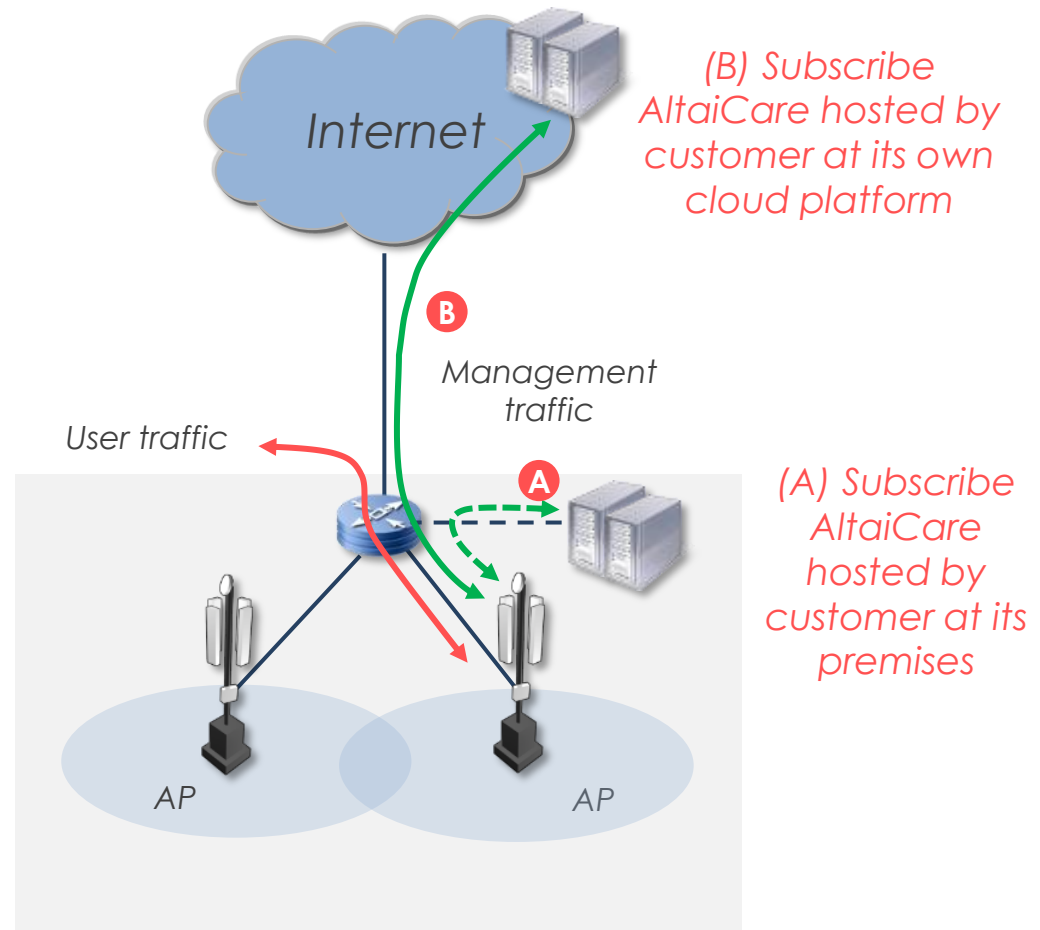
- Purchase *AltaiCare annual subscription* per A8n, A3/A2 or C1n series AP
- Including standard features of
 - Network management
 - Service control management
 - Content management
- Technical support included
- Software upgrade included
- Optional big data analytics*
- Optional mobile app SDK*



* Available in future release

AltaiCare On-premises Option

- For customer who wants to install AltaiCare at its own premises either at LAN or its cloud
- Customer will install, host, manage and upgrade AltaiCare on its own
- Purchase *AltaiCare annual subscription* + one-time *Remote setup support*

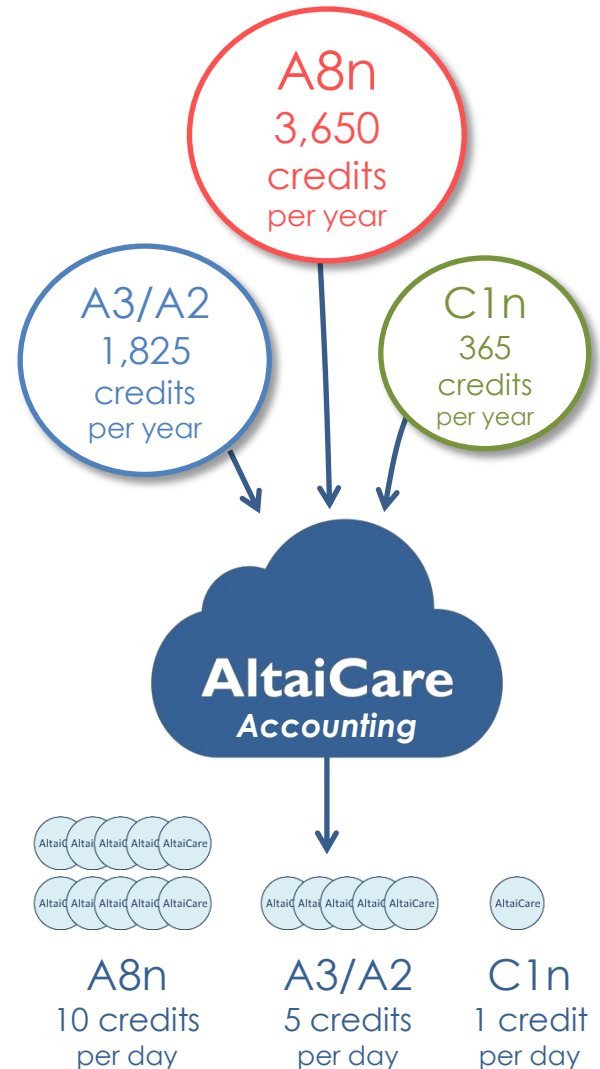


* Big data analytics feature is not support in on-premises option

* Total number of AP may be limited by customer's hardware specifications

Credit-based Accounting

- For accounting purpose, each A8n series AP annual fee contains 3,650 credit units
- 10 credits will be deducted per day used
- Therefore each A8n annual fee will last for $3,650 / 10 = 365$ days
- A3/A2 annual fee contains 1,825 credits with daily deduction of 5 credits, lasts for 365 days
- C1n annual fee contains 365 credits with daily deduction of 1 credit
- The credit unit will be put under your project account once you have installed a credit key. The credits are common to use for all APs supported and AltaiCare features
- Our standard annual subscription fees include network management, service control and content management features
- Big data analytics feature* is optional. If enabled (system-wise), the daily deduction for A8n, A3/A2 and C1n series AP will be adjusted to 16, 8 and 2 credits respectively



* Available in future release

Characteristics of Credit-based Accounting

- A common credit pool for all AP models and optional features
- Pay only for the days you used – only deduct credit when an AP is connected
- No charge when not in use, e.g. repair – will not deduct credit when an AP is disconnected
- Flexible expiry date adjustment – when you added new AP during the service period, the system will refresh a new expiry date based on the new credits remain
- Accounting information at a glance – the expiry date and credits remain will be updated everyday and they can be seen when you logged in
- 30 days prior notice before expiry

Example

- For a system with initial 10 A8n and 100 C1n subscribing for 1 year
- Since A8n annual fee contains 3,650 credits and C1n annual fee contains 365 credits
- Total credits purchased = $10 \text{ A8n} \times 3,650 \text{ credits} + 100 \text{ C1n} \times 365 \text{ credits} = 73,000 \text{ credits}$
- Since daily consumption for A8n = 10 credits and C1n = 1 credit
- Each day the system will deduct $10 \text{ A8n} \times 10 \text{ credits} + 100 \text{ C1n} \times 1 \text{ credit} = 200 \text{ credits}$
- After 100 days, credit remains = $73,000 - 100 \text{ days} \times 200 \text{ credits} = 53,000 \text{ credits}$
- System will calculate the remaining days as $53,000 \text{ credits} / 200 \text{ daily credits} = 265 \text{ days}$
- Expiry day = today + 265 days
- Suppose we added 2 x A8n subscribing for 1 year to the system at the 100th day
- Total credits will become $53,000 + 2 \text{ A8n} \times 3,650 \text{ credits} = 60,300 \text{ credits}$
- The new daily consumption will become $12 \text{ A8n} \times 10 \text{ credits} + 100 \text{ C1n} \times 1 \text{ credit} = 220 \text{ credits}$
- The remaining days will be automatically revised to $60,300 \text{ credits} / 220 \text{ daily credits} = 274 \text{ days}$

Thank You