ALTA PASS™
MULTI-PASSWORD TECHNOLOGY

ALTA LABS PATENTED TECHNOLOGY

🛜 Apt 101 🛜 Apt 201 🛜 Apt 301 🛜 Apt 401
🛜 Apt 102 🛜 Apt 202 🛜 Apt 302 🛜 Apt 402
🛜 Apt 103 🛜 Apt 203 🛜 Apt 303 🛜 Apt 403
🛜 Apt 104 🛜 Apt 204 🛜 Apt 304 🛜 Apt 404
🛜 Apt 105 🛜 Apt 205 🛜 Apt 305 🛜 Apt 405
🛜 Apt 106 🛜 Apt 206 🛜 Apt 306 🛜 Apt 406
🛜 Apt 107 🛜 Apt 207 🛜 Apt 307 🛜 Apt 407
🛜 Apt 108 🛜 Apt 208 🛜 Apt 308 🛜 Apt 408
🛜 Apt 109 🛜 Apt 209 🛜 Apt 309 🛜 Apt 409
🛜 Apt 110 🛜 Apt 210 🛜 Apt 310 🛜 Apt 410
🛜 Apt 111 🛜 Apt 211 🛜 Apt 311 🛜 Apt 411
🛜 Apt 112 🛜 Apt 212 🛜 Apt 312 🛜 Apt 412
🛜 Apt 113 🛜 Apt 213 🛜 Apt 313 🛜 Apt 413
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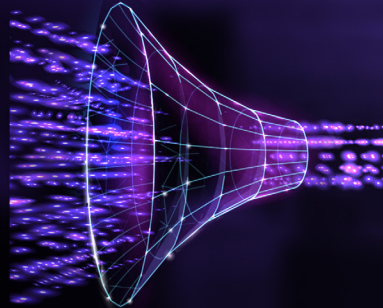
🛜 The Hill Apartments

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AltaPass™ is Alta Labs Powerful Patented Technology Built Into All Alta Labs Access Points

AltaPass™ is Alta Labs' patented technology (USPTO 12047240) built into all Alta Labs access points. This feature allows multiple passwords with customizable network/Internet settings to be used with a single wireless network SSID.

- Configure Unlimited Passwords
- Effortlessly Scale to Thousands of Users
- Secure Guest WiFi Independent of Router
- Choose From Predefined List of Network Types
- Limit Download/Upload Speeds
- Assign to VLAN
- Bypass Hotspot or Filter
- Ignore Schedule Limitations

Passwords

Use different passwords to automatically separate different types of ... Show Less

Standard	Large	IOT	Internet	Guest
Typical network with less than 100 WiFi devices.	Optimized for hundreds to thousands of WiFi devices.	Restricted to Internet and local incoming connections only.	Restricted to Internet only.	Restricted to Internet and IOT devices only.

Large, IOT, Internet, and Guest network types are optimized for hundreds to thousands of WiFi devices.

Standard ∨   👁 ••••••••   🗑

Large ∨   👁 Password   🗑

...be at least 8 letters

Settings   Reset

⊕ Add Password

Standard/Small

Large   ——— Sites ———

IOT

Internet only   Edit ∨

Guest

VLAN   Number   Edit ∨

DL Rate (Mbps)   Mbps

UL Rate (Mbps)   Mbps   ⊗ Reset Advanced

☐ Bypass HotSpot

☐ Ignore Schedule   💾 Save

☐ Bypass Filter

ALTA PASS™
MULTI-PASSWORD TECHNOLOGY

One WiFi

INTERNET ONLY

STANDARD NETWORK

GUEST NETWORK

AltaPass™ Multi-Password Technology

AltaPass allows clients to connect to the same wireless network SSID using different passwords. The functionality is built in to all Alta Labs Access Points and managed using Control™.

Configure unlimited passwords and effortlessly scale to thousands of users. Clients are provided with different network and internet access levels based on the password they use to connect to the network. Passwords can be utilized by individuals or groups.

When a password is created, select from one of the predefined standard use cases. The password can then also be associated with limited download and/or upload speeds, assigned to a VLAN, or set to bypass the filtering rules, the hotspot functionality, or to ignore the schedule.

- **Standard/Small** Typical network with less than 100 WiFi clients/devices
- **Large** Optimized for hundreds to thousands of WiFi clients/devices
- **IoT** Restricted to Internet and local incoming connections only
- **Internet only** Restricted to Internet only
- **Guest** Restricted to Internet and IoT devices

Use Case Examples

Restaurant

One SSID

Passwords:

- Owner
- Employees
- POS System
- Customers

Hotel

One SSID

Passwords:

- Rooms
- Employees
- POS System
- Lobby

MDU

One SSID

Passwords:

- Staff
- Each unit
- Rec Room
- Pool

Concert Festival

One SSID

Passwords:

- Staff
- Artists
- POS System
- Attendees

Residential

One SSID

Passwords:

- Parents
- Guests
- Kids*

* Apply schedules & filters

Education

One SSID

Passwords:

- Faculty
- Guests
- IoT Devices
- Students*

* Apply schedules & filters

SPECIFICATIONS

SOFTWARE	
Predefined Network Types	5
VLAN Assignment	Yes
Rate Limiting	Yes, Upload and Download
Hotspot Bypass	Yes
Filter Bypass	Yes
Schedule Bypass	Yes
SSIDs	8 per Band, 16 Per AP
WPA2 Support	Unlimited Passwords per SSID
WPA3 Support	Only 1 Password (Current IEEE Limitation)

Click the icon below to learn more about AltaPass on our YouTube channel:

youtube.com/@AltaLabs

COMPARISON

AltaPass™ is a patented proprietary feature from Alta Labs. Some people have confused the functionality as being the same as PPSK (Private Pre-Shared Key). Below is a comparison chart of the features included in AltaPass vs PPSK.

Feature	AltaPass™	PPSK
VLAN Assignment	Yes	Yes
Rate Limiting	Yes, Upload and Download	No
Hotspot Bypass	Yes	No
Filter Bypass	Yes	No
Schedule Bypass	Yes	No
Multiple Passwords Per SSID	Yes, Unlimited	Yes*
Network Optimization	Yes, 5 Types	No

*Typically through a non-scalable interface requiring many steps

Scan or click to view the The Hill case study to see how a luxury apartment complex near Notre Dame University is utilizing AltaPass to generate revenue.

alta.inc/case-studies