

The logo for ANTLabs, with 'ANT' in red and 'labs' in white, set against a dark grey background.

ANT *labs*

A large, glowing blue wireframe globe composed of interconnected lines and dots, set against a dark blue background with a subtle grid pattern.

ANTLABS
SERVICE
PLATFORM +
CLOUD GATEWAY

PRODUCT DATA SHEET

ANTlabs Service Platform (ASP) allows service providers to manage & control gateways across multiple locations, & allocate or transfer licenses & modules from one site or organization to another

ANTLABS SERVICE PLATFORM

ASP FEATURES

→ **Centralized Service Management Platform**

- Central management portal for service providers:
 - Manage multiple organizations & sites
 - Manage & customize multi-language portal pages
- Information gathered about user can be shared using open standards
- Auto-update of information during roaming
- Real-time info sharing can be queried based on users' specific criteria

→ **Shared Licensing Model**

- Dynamic assignment of licenses & software modules for organizations & sites
- Roaming & global accounts for organizations
- Flexible subscription of license & software modules

→ **Flexible Modules Allocation**

- Flexible annual subscriptions of software modules
- Plan & assign available modules for different business requirement
- Easy managing software modules

→ **Cost-effective Gateway Models**

- Service Provider S-Series Gateway Models: IG 4110S, IG 4210S, SG 4220S and SG 4410S
- Cloud Gateway supported AP & other gateway models: Ruckus, Aruba, Cisco, Rujie, Ubiquiti, MikroTik - **NEW**

→ **Multi-Tenant / Organization Support**

- Individual tenant & organization dashboard
- Individual sites management
- Tenant managed customizable portal pages
- Tenant & organization reports



Share or transfer licenses and modules across different organizations & sites

ANTlabs Service Platform provides insights and flexibility to service providers by allowing them to control gateways across multiple organizations and sites from a centralized dashboard.

→ **Monitoring**

- Notification via email for systems threshold & devices failure
- Alerts for license usage above threshold set for organizations and sites

→ **Reporting**

- Organization license usage reporting
- Site license usage reporting
- Monthly reports

→ **Administration**

- User-defined multilevel admin hierarchy with configurable permissions
- Admin/user-defined access to individual organizations & sites
- Backup and restore - **NEW**

→ **Remote Deployment - NEW**

- Plug-and-play deployment through gateway discovery from a central dashboard
- Site duplication

ACG FEATURES

- **AP / Gateway & Site Support**
 - Support up to 1000 APs
 - Support up to 1000 Sites
 - Support 100 concurrent login user per AP
 - Support up to 1M locally created accounts
 - Supports Ruckus, Aruba, Cisco Meraki, Rujie, Ubiquiti, MikroTik - **NEW**
- **Multiple Authentication & Billing Interfaces**
 - Complimentary access
 - User ID & password authentication (global accounts)
 - Access code authentication (global accounts)
 - Email / SMS authentication
 - Social Media: Facebook, Google, Twitter, Instagram, Line, WeChat, LinkedIn, and Office365 - **NEW**
- **Editable Multi-language Custom Portal**
 - User editable custom portal (from ASP)
 - Multi-language support
 - Time-based banners & sliders (for campaigns & advertisements)
 - User-defined terms and conditions
 - GDPR compliant user consent
- **Bandwidth Control**
 - Per client bandwidth rate limit (Radius VSA)
- **Guest Management & Content**
 - Seamless re-login
 - Seamless wired & wireless roaming
 - Forced logout of guests
 - Smartphone / tablets friendly
 - Location / VLAN-based content delivery
 - Customizable, responsive login pages
- **Concurrent / Multi-Business Model Support**
 - Unlimited duration
 - Fixed duration
 - Stored duration

Add enhanced gateway features to your Wireless Controllers or Access Points



ANTLabs Cloud Gateway provides enhanced gateway features (e.g. portal management, authentication and bandwidth rate-limit) to Wireless controllers or Access Points (AP) that are deployed remotely across multiple sites. This solution is especially suitable for F&B and chain retail stores that have many venues, each with one to a few APs only.

- **Dashboards**
 - Business
 - System
- **Security & Reporting**
 - Access control to web administration GUI
 - Category blocking / DNS filtering - **NEW**
 - MAC-based blacklist
 - Web session rate limit for login requests
 - Real-time reporting on authenticated guest & detected devices
 - Guests, device and web-page access logging
 - Graphical presentation of system reports
- **Reliability**
 - High availability offering (Active-Passive) real-time HA disk replication fail-over within 1 minute, typically 30 secs
 - Configuration backup & restore function
- **System Management & Administration**
 - Supports SNMPv3
 - Network Time Protocol (NTP) server
 - SMTP server / relay
 - SMPP server support
 - 1 Custom SSL certificate

MODULES / ADD-ONS

ASP MODULES	
API Service	Provides API service for external 3rd party integration
Location Portal Module	Centralized management & deployment of welcome portal on site or organization level. Extremely flexible & customizable welcome portals and landing pages
Reporting Module	Interactive dashboards and drill down graphs with the ability to access data and build business intelligent reports & analytics
User Manager Module	Ability to connect with User's Facebook, Google, Twitter, Instagram, or Line account. Details of each user are consolidated from various sources and displayed in a single integrated view
User Records Expansion	Expand account capacity by 5M user records
AAA - Global Accounts Module	Supports 1M authentication accounts (Max 10M)
AAA - Hotspot 2.0 Add-on Module	Provides 802.1X support for AAA server PAP, CHAP, MS-CHAP, MS-CHAPv2, TLS, TTLS, PAP, PEAP
Remote Access Service	Establishes remote access to gateways behind firewalls & private networks
Cloud Gateway - for Controller or other gateways	Manage up to 1000 APs, supports up to 100 login users per AP, 100K logged-in users, 1000 sites, 1M accounts

SG 5 MODULES / SERVICES / ASP PLATFORM SUBSCRIPTIONS

SG 5 Modules - Express/Pro	Services	Platform
Payment	Web Filtering	Edge Connector - ANTLabs
Property Management System	• Signature-based Web Filtering	• ANTLabs Gateways, vSG
Volume Control	• Malicious Content Filtering	Edge Connector - Others
Radius Support	HSIA-as-a-Service	• ANTLabs Cloud Gateway
Lawful Intercept	• Fast deployment of WiFi hotspots across multiple locations	• Other AP brands*
Advanced QoS	• Drag-and-drop portal design & management	• Other gateway brands*
Multi-WAN	• WiFi monetization	Global Accounts
Event Manager		Cloud Backups
PAN / Casting		
AQoS Plus Application Traffic Shaping		<i>*Inquire to see a separate list of supported brands and other equipment</i>

Connectivity **Made Easy**

114 Lavender St. #10-75 CT Hub 2 Singapore 338729
+65 6858 6789
sales@antlabs.com
www.antlabs.com