

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 graphic of a human brain, composed of interconnected lines and dots, set against a dark blue background.

ANTLABS  
SERVICE  
PLATFORM

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

ASP MODULES	
ASP VM Adaptor	ASP VM Adaptor (for 2 instances: Master and HA)
User Records Expansion	Expand account capacity by 5M user records
Location Portal Module	Centralized management & deployment of welcome portal on site or organization level. Extremely flexible & customizable welcome portals and landing pages
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
Reporting Module	Interactive dashboards and drill down graphs with the ability to access data and build business intelligent reports & analytics
AAA - Global Accounts Module	Supports 1M authentication accounts (Max 10M)
AAA - Global Accounts Expansion	Expand AAA - Global Accounts by 1 M accounts
AAA - 802.1X Connector Module	Provides 802.1X support for AAA server PAP, CHAP, MS-CHAP, MS-CHAPv2, TLS, TTLS, PAP, PEAP
API Service	Provides API service for external 3rd party integration
Remote Access Service	Establishes remote access to gateways behind firewalls & private networks
Gateway Connector	Connector to manage up to 20 IG 4, 5 SG 4
IG 4 Connector	Connector to manage up to 200 IG4 S-series gateways
SG 4 Connector	Connector to manage up to 30 SG 4 S-series gateways
Cloud Gateway	Manage up to 1000 APs, supports up to 100K logged-in users, 500 sites, 1M accounts

## Connectivity **Made Easy**

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