ANTlabs

ASP CLOUD + SG 5

ASP Cloud & SG 5 allow service providers to deliver fast and secure **user-aware services** to users in your network across multiple locations

ANTlabs ASP CLOUD SOLUTION

ANTlabs suite of gateway and cloud solutions has always focused on delivering user-aware services. The fifth-generation suite provides expanding support to ANTlabs gateways and other vendor's network devices like routers, gateways and wireless controllers to provide a uniform, consistent experience to the end-users. For IT Management, this means better control and visibility over more aspects of the network service and having the flexibility to customize the user experience according to local conditions.

STANDARD FEATURES

→ **Centralized Service Management Platform**

- Integration to different network equipment
- WYSIWYG Portal Management / Customizable portal templates
- Multi-language support
- Providing consistent delivery of services and experience
- Pooling & sharing of licenses & modules across entire organization
- Policy Control (SG5 exclusive)
    Service plans
    Advanced bandwidth management
    Auto-logout of inactive users, forced logout of users
    Departed device detection and logout
    Bandwidth rate limit: device / account
    HTTP / HTTPS / IP walled garden
    Email login reminder
    Location / VLAN-based content delivery
    Unique login pages for separate locations
    Admin-assisted login
    Easy account generation with account printer
- Zero-touch provisioning
- Cloud management

→ **User-Aware Service Delivery**

- BYOC (Bring your own content)
    Personal Area Network
    PMS Integration
    Guaranteed streaming bandwidth
- Differentiated High Speed Internet Access
    Guest Aware bandwidth optimization through advanced QoS
    VIP recognition
- Malicious Content Filtering
    Web filtering
- Seamless Re-login
    Quick re-association to network
- Roaming Service
    No login across sites
- Zero-configuration on end-user device

→ **Gateways/APs Supported**

- SG5 Express / SG5 Pro
- vSG Express / Pro
- Cloud Gateway supported AP & other gateway models:
    > Ruckus
    > Aruba
    > Cisco Meraki
    > Rujie
    > Ubiquiti
    > MikroTik

→ AAA (Authentication)

- Complimentary
- Global roaming
- 802.1x / Hotspot 2.0
- User form authentication
- Social WiFi
  - Facebook
  - Twitter
  - Google
  - Instagram
  - Line
  - WeChat
  - LinkedIn
  - Office 365
- QR code & boarding pass PNR integration*
- RADIUS / WISPr

→ Security and Compliance

- Lawful Intercept
- Terms and Conditions
- General Data Protection Regulation (GDPR) compliant
- User data privacy protection
- Anti-SPAM / Anti-DOS (SG5)
- Stateful Firewall (SG5)
- Signature-based web filtering / Category blocking

→ Reliability

- High Availability
- Backup in the Cloud
- Faster service restoration time through seamless transfer of license across equipment

→ Engagement

- Time based banners / Promos
- Notification engine for sending alerts and messages**

→ WiFi Monetization

- WiFi advertising
- Upsell services with different payment methods
- Credit card authentication & billing - WorldPay. Authorize.net, Payflow Pro, Payflow Link

→ User Identification & onboarding

- Multiple login methods (i.e., Complimentary, Pre-paid, etc.)
- Social media
- Radius / LDAP support
- Property Management System (PMS)
- Registration form

→ Network and User Visibility

- Reports
  - Transactions
  - Sessions
  - Authentication
- User Analytics
  - Usage
  - Device
  - Demographics
  - Interests
- Summary
  - Revenue
  - Authentication
  - License
- Graphs / Trends
  - System
  - Network
  - Login sessions

Deliver fast, secure, user-aware services to your guests with ASP Cloud + SG 5

* Inquire for more info
** 2022 Roadmap

SPECIFICATIONS / MODULES / ADD-ONS

	Express 5100	Express 5200	Pro 5400
Max User License[1]	800	7,000	30,000
VLANs	500	2,000	4,000
Max Throughput[2]	940 Mbps	974 Mbps / 1.8 Gbps (LAG)	9 Gbps
Max PPS	50,000	200,000	750,000
Supported Network Interfaces	10/100/1000 Base-T LAN Port WAN 1 Port HA / Management Port WAN 2 Port	10/100/1000 Base-T 2 x LAN Port (bond) WAN 1 Port WAN 2 Port Management Port HA Port	10/100/1000/10000 Fiber 2 x 10GbE SFP+LAN Port (bond) 2 x 10GbE SFP+WAN 1 Port (bond) 2 x 10GbE SFP+WAN 2 Port (bond) 10/100/1000 Base-T 2 x Management Port (bond) 2 x HA Port (bond) 2 x DMZ Port (bond)
COM	1 x RS232 (DB9) Console Port	1 x RS232 (RJ 45) Console Port	1 x RS232 (DB9) Console Port
Power Supply	1 x 10W; auto-ranging 100~240V	1 x 250W; auto-ranging 100V~240V	Redundant 750W
Weight	Actual unit: 1.1 kg Shipping: Varies	Actual unit: 7.3 kg Shipping: 8.3 kg	Actual unit: 18.0 kg Shipping: 31.2 kg
Dimensions	Actual unit: 175(W)x125(D)x37(H) mm Shipping: Varies depending on quantity	Actual unit: 440(W)x425(D)x50(H) mm Shipping: 550(W)x640(D)x210(H) mm	Actual unit: 482.0(W)x721.62(D)x86.8(H) mm Shipping: 670(W)x920(D)x320(H) mm
Remote Management	N/A	N/A	1 x Network Remote Management KVM Port
Certifications	CE, FCC	CE, FCC	SCC, CNCA or CCC, CE, TUV, IECEE CB, KSA ICCP, NRCS, BSMI, NRTL, ACMA or C-Tick, ICES, VCCI, GS, GOST, SABS, FCC, ICT

1   Detected Devices
2   As defined by RFC1242, Section 3.17

SG 5 MODULES / SERVICES / ASP PLATFORM SUBSCRIPTIONS

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

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