

A large, stylized white cloud graphic on a blue background, with a white line extending from its base across the bottom of the page.

# ASP CLOUD + SG 5

PRODUCT DATA SHEET

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
<b>Max User License<sup>1</sup></b>	800	7,000	30,000
<b>VLANs</b>	500	2,000	4,000
<b>Max Throughput<sup>2</sup></b>	940 Mbps	974 Mbps / 1.8 Gbps (LAG)	9 Gbps
<b>Max PPS</b>	50,000	200,000	500,000
<b>Supported Network Interfaces</b>	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 Port (bond or stand-alone) 10/100/1000 Base-T 2 x Management Port (bond) 2 x HA Port (bond) 2 x DMZ Port (bond) 6 x WAN Port (bond or stand-alone)
<b>COM</b>	1 x RS232 (DB9) Console Port	1 x RS232 (RJ 45) Console Port	1 x RS232 (DB9) Console Port
<b>Power Supply</b>	1 x 10W; auto-ranging 100~240V	1 x 250W; auto-ranging (100V~240V)	Redundant 750W
<b>Weight</b>	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
<b>Dimensions</b>	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
<b>Remote Management</b>	N/A	N/A	1 x Network Remote Management KVM Port
<b>Certifications</b>	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 <ul style="list-style-type: none"> <li>• Signature-based Web Filtering</li> <li>• Malicious Content Filtering</li> </ul> HSIA-as-a-Service <ul style="list-style-type: none"> <li>• Fast deployment of WiFi hotspots across multiple locations</li> <li>• Drag-and-drop portal design &amp; management</li> <li>• WiFi monetization</li> </ul>	Edge Connector <ul style="list-style-type: none"> <li>• ANTLabs Gateways</li> </ul> Edge Connector - Others <ul style="list-style-type: none"> <li>• ANTLabs Cloud Gateway</li> <li>• Other AP brands*</li> <li>• Other gateway brands*</li> </ul> Global Accounts Cloud Backups
		*Inquire to see a separate list of supported brands and other equipment

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