Pulse Secure
Appliance Series

Multi-Service Appliance | SSL VPN and NAC

Purpose-built for Next Generation Secure Access

Mobile

Cloud

Hybrid

95% of enterprise using cloud
RightScale 2016 State of the Cloud Report

Overview

Today's digital world has created new business models and opportunities while challenging the traditional IT networking frameworks with the transformational concepts and buzzwords like BYOD, Public/Private Cloud, and Hybrid IT. Some key market indicators defining the digital demand for anytime access:

- Increasingly mobile employees "are not at their desk 50-60 percent of the time." [1]
- 95% of enterprise using cloud. [2]
- Hybrid cloud adoption rose from 58% in 2015 to 71%. [2]

Transformation trends, like the growing number of endpoints whether managed or unmanaged with access to applications and data, are driving the need for the next generation of secure access solutions. Purpose-built for Pulse Secure advanced security services, the new Pulse Secure Appliance (PSA) Series offer comprehensive visibility into endpoints for faster troubleshooting and reporting, while driving more efficient network operations and connectivity, regardless of device, network, or location.

[1] GlobalWorkplaceAnalytics.com Survey
[2] RightScale 2016 State of the Cloud Report

Problems We Solve

High-Performance Hardware
Impressive performance, scalability, and security to meet increasing networking demands.

Dual-Personality Services
Multi-service appliance purpose-built for Pulse Connect Secure (SSL VPN) and Pulse Policy Secure (NAC).

Reduced Time to Service
Designed with users in mind, easy to configure, install, and deploy out-of-the box.

Superior Support
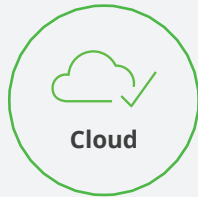Backed by a world-class technical support and threat research team.

Secure Access-Ready Platform

Pulse Secure's 3rd Generation is purpose-built for next-generation Secure Access.
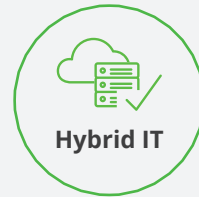
Strategic Initiatives Checklist

Mobile   **Cloud**   **Hybrid IT**

PSA300/PSA3000 are small form-factor secure access devices for small to medium size business customers.

PSA5000 is a robust secure access appliance for medium to large size enterprise customers.

PSA7000c/f is for the complex needs of large enterprise customers and government agencies.

	PSA300	PSA3000	PSA5000	PSA7000c / PSA7000f*
Form Factor	Mini-ITX (6.7" x 6.7")	1RU, Rack mountable	1RU, Rack mountable	2RU, Rack mountable
Dimensions (W x H x D)	7.68 x 1.75 x 7.68 in (19.5 x 4.45 x 19.5 cm)	17.2 x 1.7 x 9.8 in (43.7 x 4.3 x 24.9 cm)	17.2 x 1.7 x 9.8 in (43.7 x 4.3 x 24.9 cm)	17.2 x 3.5 x 17.7 in (43.7 x 8.9 X 45 cm)
Interfaces	2 x 1 Gigabit Ethernet traffic ports	2 x 1 Gigabit Ethernet traffic ports	2 x 1 Gigabit Ethernet copper traffic ports	2 x 10 Gigabit Ethernet copper (fiber*) traffic ports; Link redundancy on both copper (fiber*) ports
Encryption Data Acceleration (AES-NI)	None	None	None	Yes
RAM	8GB	8GB	8 GB	32 GB
Hard Drive	120 GB	500 GB	500 GB	Hot swap and redundant 1 TB
Dedicated Management Port	None	Yes (1 GE)	Yes (1 GE)	Yes (1 GE)
Serial Port	RJ-45 console	RJ-45 console	RJ-45 console	RJ-45 console
Functionality Supported	SSL VPN or NAC	SSL VPN or NAC	SSL VPN or NAC	SSL VPN or NAC
Weight	2.5 lbs (1.13 kg)	10 lbs (4.5 kg)	10 lbs (4.5 kg)	30 lbs (13.6 kg)
Power Supply	60W	200W	200W	Dual 700W
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)	5°C ~ 35°C (41°F ~ 95°F)
Safety, EMI and EMC Certifications	• USA : TuV SUD • Canada: TuV SUD • European Union CE • Worldwide IEC 60950 CB Scheme • Japan VCCI	• USA : TuV SUD • Canada: TuV SUD • European Union CE • Worldwide IEC 60950 CB Scheme • Japan VCCI	• USA : TuV SUD • Canada: TuV SUD • European Union CE • Worldwide IEC 60950 CB Scheme • Japan VCCI	• USA : TuV SUD • Canada: TuV SUD • European Union CE • Worldwide IEC 60950 CB Scheme • Japan VCCI

* Reference to 7000f only.

Benefits of Upgrading to PSA Series Appliances

Higher Scale

Less units to rack, power, configure, and run to support same # of tunnels

Updated Components

Faster CPUs + More Memory/Storage

Increased Throughput

Better productivity

Flexible Deployment

Small form-factor appliance for small to medium size business customers is available as a stand-alone (PSA300) or rack-mountable (PSA3000)

	Max Concurrent Users (SSL)	Max Tunnel Throughput (ESP Mode)	Max Tunnel Throughput (SSL Mode)	Max Concurrent Users (NAC)	Login Rate (Users / Sec)	RAM	Interfaces	Power Supply
SA4500	1,000	200 Mbps	100 Mbps	SA4500 N/A	N/A	2 GB	2 x 1GbE	Single
SA6500	10,000	400 Mbps	180 Mbps	SA6500 N/A	N/A	4 GB	4 x 1 GbE* + 1 x 1 GbE	Dual (Optional)
MAG2600	100	50 Mbps	32 Mbps	M2600 250	N/A	2 GB	2 x 1GbE	Single
MAG4610	1,000	100 Mbps	40 Mbps	M4610 5,000	20	2 GB	3 x 1GbE	Single
SM160	1,000	100 Mbps	40 Mbps	SM160 5,000	20	2 GB	3 x 1GbE	Dual (Optional)
SM360	10,000	900 Mbps	500 Mbps	SM360 35,000	40	4 GB	3 x 1GbE	Dual (Optional)
PSA300/ PSA3000	200	200 Mbps	100 Mbps	PSA300 500	20	8 GB	3 x 1GbE	Single
PSA5000	2,500	1 Gbps	550 Mbps	PSA5000 10,000	50	8 GB	3 x 1GbE	Single
PSA7000c/f	25,000	4.2 Gbps	2.8 Gbps	PSA7000 50,000	115	32 GB	4 x 10 GbE* + 1 x 1 GbE	Dual (Standard)

*Dual Ports provided for link redundancy to internal switches, SFP module optional

Note that these performance metrics are measure in a lab environment using industry-standard performance tools. Production performance will vary based on the complexity of the configuration.

For additional details, contact your sales representative.

Rethink High Performance Security with Pulse Secure

The multi-service security appliance offers IT business results while protecting the value of network applications and services. Along with the industry-recognized Pulse Connect Secure (SSL VPN) and Pulse Policy Secure (NAC), the Pulse Secure Appliance Series delivers simplified and scalable network management that improves operations efficiency, reduces errors, speeds troubleshooting, and lowers the total cost of ownership.

Pulse Secure®

For more information on the Pulse Secure Appliance Series, please go to
www.pulsesecure.net/products/psa

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