

Pulse Secure Appliance Series

Multi-Service Appliance | SSL VPN and NAC

Highest Global-Certification Standards* for Next Generation Services

Mobile



Cloud



Hybrid



95% of enterprise using cloud

RightScale 2016 State of the Cloud Report

*For the US, this includes FIPS-140, JTC, and Common Criteria

Overview

Seeking to improve citizen services for today's digital life, "smart city" leaders are re-inventing and streamlining today's public services. Governments are digitally transforming their services to deliver real-time access and services to their citizens. Meanwhile, real-time access to public services and data are not only attractive to individual cyber-criminals for financial gains but also to nation states who have the potential threats on national security.

To ensure an appropriate and consistent level of security, government IT organizations must demonstrate and maintain compliance with large numbers of regulations, directives, and standards. Today, Pulse's Secure Access platform (Pulse PSA Series Appliance Family) delivers a universal compliant-ready, from FIPS to Common Criteria, solution along with our secure access software and support that empower government and agency IT administrators with the following tenets:

- Civic-ready Secure Access
- Mitigate cyber security risks from infected or noncompliant endpoints
- Interoperability to existing networking Infrastructure

Problems We Solve

High-Performance Hardware

Impressive performance, scalability, and for high security requirements.

Multi-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.

Directive Approved - Secure Access-Ready Platform

Pulse Secure's 3rd Generation Platform sets the benchmark for Secure Access Services.

Strategic Initiatics Checklist			
	 Mobile	 Cloud	 Hybrid IT
US Government			
Canadian Government			
Critical Infrastructure			
Health Care			
Financial Services			

Along with Pulse Secure's 3rd Generation Appliances (Pulse PSA Series Family), Pulse Connect Secure 8.2R8 (and later versions for SSL VPN) and Pulse Policy Secure 5.3R8 (and later versions for NAC) offers the highest global-certification standards, from FIPS 140-2 (Level 1) compliance to JITC. Pulse Secure's global-certification standards meet the requirement for most software run today by U.S. federal government agencies along with many security conscious industries such as financial and healthcare services. These certification standards require Pulse Secure to use specific cryptographic algorithms approved and implemented by a certified cryptographic module. In addition, there is a requirement to support Suite B transport layer security (RFC 6460), which is implemented in the Transport Layer Security (TLS) 1.2 module. Note, these features are licensed for the PSA on a per-model basis. The following Pulse client modules have their own certification standards' configuration and requirements.

Hybrid IT Checklist								
	Data Center						IaaS	
	 Physical	 Virtual <small>Hypervisor</small>				 Cloud		
		VPN	NAC		VPN	NAC		VPN
Models and License Capacity	PSA300/3000	200	500	PSA3000-V	200	500	PSA3000-V	200
	PSA5000	2500	10000	PSA5000-V	2500	10000	PSA5000-V	2500
	PSA7000	25000	50000	PSA7000-V	10000	50000	PSA7000-V	10000
Platforms	Purpose-built			VMware, KVM, Hyper-V			Azure, AWS (1H, '18)	
Supported Software Services	VPN, NAC			VPN, NAC			VPN	
Software Licensing	Perpetual, Subscription			Subscription			Subscription	
Clustering	Active /Active Active /Passive			Active /Active Active /Passive (Limitations: 2 node, VMware)			Planned	
ICE (In Case of Emergency)								
License Server (on-premises)								







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



PSA5000 is a robust secure access appliance for medium to large size government organizations.



PSA7000c/f is for the complex needs of large government organizations.

				
	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, NAC, and Central Management
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)	10°C ~ 35°C (41°F ~ 95°F)
Safety, EMI and EMC Certifications	<ul style="list-style-type: none"> USA : TuV SUD Canada: TuV SUD European Union CE Worldwide IEC 60950 CB Scheme Japan VCCI 	<ul style="list-style-type: none"> USA : TuV SUD Canada: TuV SUD European Union CE Worldwide IEC 60950 CB Scheme Japan VCCI 	<ul style="list-style-type: none"> USA : TuV SUD Canada: TuV SUD European Union CE Worldwide IEC 60950 CB Scheme Japan VCCI 	<ul style="list-style-type: none"> USA : TuV SUD Canada: TuV SUD European Union CE Worldwide IEC 60950 CB Scheme Japan VCCI

* Reference to 7000f only.

Rethink High Performance Security with Pulse Secure

The multi-service security appliance offers IT organizations 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 Family delivers simplified and scalable network management that meets the highest global-certification standards, from FIPS to JITC, while it improves operations efficiency, reduces errors, speeds troubleshooting, and lowers the total cost of ownership.



20K+ customers with 18M secured endpoints



40 of the Fortune 50



750+ employees globally



13 of 15 US government cabinets



17 years of R&D and 200+ patents



80 percent of Fortune 500



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