

Ivanti Security Appliance (ISA)

Multi-service Network Security Appliance
VPN | NAC

Capabilities

Hybrid IT appliance

Cloud-ready performance, scalability and security that can be deployed in the data center and cloud environments.

Reduced time to operation

Easy to configure, install and deploy out-of-the box or in the cloud.

High performance hardware

Fast 10Gb interfaces ensures high speed connectivity to network resources.

Overview

Protecting access to company and personal information is a core tenet of the Everywhere Workplace. Ivanti Security Appliance (ISA) gives your workforce and users secure access to corporate resources and applications no matter where those resources are hosted.

As organizations modernize IT with a focus on distributed architecture and increased security, modern connectivity solutions need to support hybrid cloud implementations.

Purpose-built for Ivanti advanced security services, the Ivanti Security Appliance series can be deployed anywhere you need it, from the data center to the cloud. Whether an organization requires full layer 3 user access, clientless/browser-based access to

internal resources, or per-application VPN tunneling as part of a zero-trust strategy, ISA series appliances deliver the performance and security your organization needs.

For centralized control and visibility, Ivanti Security Appliance deployments can be managed with Neurons for Secure Access, a cloud-hosted management and analytics platform.

Fully compatible with Ivanti Connect Secure License Server for easy centralized user licensing and In-Case-Of-Emergency (ICE) for on-demand burst licensing, new Ivanti Security Appliances can be deployed to existing Connect Secure deployments with minimal fuss.

Ivanti Security Appliance is available as physical, virtual or cloud appliances.

Secure Access-Ready Platform

The ISA Series is purpose-built for next-generation secure access. With multiple deployment options for physical, virtual or cloud deployments, the ISA series can grow organically and dynamically with an organization's secure access needs.

Dynamic capacity options for organizations of any size

The Ivanti Security Appliance can scale to match any organization's needs, from SMB to enterprise. With massive performance increases through software and kernel optimizations, ISA can scale more readily to an organization's requirements.

Cloud-deployment ready

Ivanti Security Appliances supports deploying into Amazon Web Services, Microsoft Azure and Google Cloud Platform. ISA-V images can be found on the cloud marketplace for each vendor, and Ivanti provides deployment templates and detailed instructions to make your deployment go as smooth as possible.

Enhanced user experience

Ivanti Security Appliance features a new User Portal UI, built from the REACT framework. This provides enhanced usability, speed and increased security for end users. ISA User portal provides multi-language support based on browser settings, 2FA/MFA/SSO and clientless access.



Centralized management and analytics

Neurons for Secure Access is an optional centralized management and analytics platform that provides a single pane-of-glass interface for managing multi-node ISA deployments. Neurons for Secure Access provides gateway lifecycle management, user behavior analytics, configuration management and custom reporting tools.

ISA Series to PSA Series Performance Comparison

	ISA 6000 (Hardware)	ISA 6000-V (VMware)	ISA 8000 (Hardware)	ISA 8000-V (VMware)	PSA 5000 (Hardware)	PSA 5000-V (VMware)	PSA 7000 (Hardware)	PSA 7000-V (VMware)
Max Concurrent Users (VPN)	2,500	2,500	25,000	25,000	2,500	2,500	25,000	10,000
Max Concurrent Users (NAC)	10,000	10,000	50,000	10,000	10,000	10,000	50,000	50,000
Max Tunnel Throughput (ESP Mode)*	3.5 Gbps	3.5 Gbps	5.9 Gbps	4.5 Gbps	1 Gbps	514 Mbps	4.1 Gbps	2.4 Gbps
Max Tunnel Throughput (SSL Mode)*	2.5 Gbps	2.5 Gbps	3.8 Gbps	3.3 Gbps	661 Mbps	788 Mbps	2.2 Gbps	1.3 Gbps
MAC Auth Login Rate (users / Sec)	458	291	495	315**	50	40	115	122
RAM	16 GB	16 GB Recommended	64 GB	32 GB Recommended	8 GB	8 GB Recommended	32 GB	32 GB Recommended
Interfaces	2 × 1/10 GbE 1 × 1GbE	Configurable on host	4 × 1/10 GbE 1 × 1GbE	Configurable on host	3 × 1 GbE	Configurable on host	2 × 1/10 GbE 1 × 1GbE	Configurable on host

*Performance metrics are measured in a lab environment using industry-standard performance tools. Production performance will vary based on the complexity of the configuration.

** Performance estimated while awaiting lab testing results



Ivanti Security Appliance Model Details

	Physical			Virtual			Cloud	
	Model	Users		Model	Users		Model	Users
		VPN	NAC		VPN	NAC		
Models and License Capacity	ISA 6,000 ISA 8,000	2,500 25,000	10,000 50,000	ISA 4000-V ISA 6000-V ISA 8000-V	250 2,500 25,000	500 10,000 25,000	ISA 4000-V ISA 6000-V ISA 8000-V	250 2,500 25,000
Platforms	Purpose-built			VMware			Azure, AWS, GCP	
Supported Software Services	VPN / NAC			VPN / NAC			VPN	
Software Licensing	Perpetual, Subscription			Subscription			Subscription	
Clustering	Active /Active Active /Passive			Active /Active Active /Passive			Active /Active	
ICE (In Case of Emergency)	✓			✓			✓	
License Server (on-premise/cloud)	✓			✓			✓	
Neurons for Secure Access Management	✓			✓			✓	



Simplify Deployment

Fewer units to rack, power, configure and run to support the same tunnel quantity.



Increase Performance

Boost productivity of mobile and remote users accessing data center and cloud applications.



Data Center & Cloud

Deploy in the data center as a physical or virtual appliance or use your appliance in the cloud.

ISA Hardware Appliance

Ivanti Security Appliance (ISA) series hardware is designed to be a simple plug-and-play hardware solution for your organization's Ivanti Connect Secure gateway needs.

Cutting-edge performance

Featuring 10 GbE interfaces for blazing fast connectivity, ISA hardware appliances are purpose-built to deliver the connectivity and speed users expect in the Everywhere Workplace.

Security enhancements

ISA hardware appliances feature a modern operating system kernel, and an on-board hardware TPM chip for OS/Software integrity, all working in conjunction to keep an organization's network assets safe.

Lower TCO

ISA hardware appliances are single 1U rack mounted servers with low power requirements. Combined with its performance improvements, ISA hardware appliances are capable enough to handle a growing organization's needs and keep data center costs down.

Maximize uptime

With redundant network interfaces, hot swappable storage and power supplies, ISA 8000 minimizes downtime and keeps users connected and safe.

Physical Appliance Details

	ISA 6000	ISA 8000 C/F
Form Factor	1RU, Rack mountable	1RU, Rack Mountable
Dimensions (WxHxD)	17.2" (437mm) x 1.7" (43mm) x 11.3" (287mm)	17.2" (437mm) x 1.7" (43mm) x 19.98" (507mm)
Interfaces	2 × 10 Gigabit Copper Ethernet traffic ports	4 × 10 Gigabit Ethernet copper or fiber traffic ports with link redundancy
RAM	16 GB	64 GB
Hard Drive	SATA 480 GB SSD	Dual 2 TB SATA HDD Redundant/hot swappable
Dedicated Management Port	Yes (1 GbE)	Yes (1 GbE)
Serial Port	DB9 - Console	DB9 - Console
Functionality Supported Weight	10 lbs (4.54 kg)	17.6 lbs (8 kg)
Power Supply	200W	Dual 400W Redundant/hot swappable
Operating Temperature	5°C ~ 35°C (41°F ~ 95°F)	10°C ~ 35°C (50°F ~ 95°F)
Safety, EMI and EMC Certifications	<ul style="list-style-type: none"> ■ USA : CSA ■ Canada: CSA ■ European Union CE ■ Worldwide IEC 62368 CB Scheme ■ Japan VCCI 	<ul style="list-style-type: none"> ■ USA : UL ■ Canada: UL ■ European Union CE ■ Worldwide IEC 62368 CB Scheme ■ Japan VCCI

About Ivanti

Ivanti makes the Everywhere Workplace possible. In the Everywhere Workplace, employees use myriad devices to access IT networks, applications and data to stay productive as they work from anywhere. The Ivanti automation platform connects the company's industry-leading unified endpoint management, zero trust security and enterprise service management solutions, providing a single pane of glass for enterprises to self-heal and self-secure devices, and self-service end users. More than 40,000 customers, including 96 of the Fortune 100, have chosen Ivanti to discover, manage, secure and service their IT assets from cloud to edge, and deliver excellent end user experiences for employees, wherever and however they work. For more information, visit [ivanti.com](https://www.ivanti.com).

The Ivanti logo consists of the word "ivanti" in a bold, lowercase, sans-serif font. The letter "i" is red, while the remaining letters "vanti" are black. A small registered trademark symbol (®) is located at the top right of the letter "i".A vertical bar on the right side of the page, transitioning from red at the top to orange at the bottom.

[ivanti.com](https://www.ivanti.com)

1 800 982 2130

sales@ivanti.com