

# 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 a fully featured layer 3 VPN with clientless/browser-based access to internal resources and per-app VPN

tunneling or a powerful policy-based network access control gateway that provides visibility, insights and control over every device connected to on-premise or cloud networks, ISA series appliances deliver the performance and security your organization needs.

For centralized control and visibility, Ivanti Security Appliance VPN 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 Ivanti Connect Secure and/or Ivanti Policy 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 4000-V (VMware)	ISA 6000 (Hardware)	ISA 6000-V (VMware)	ISA 8000 (Hardware)	ISA 8000-V (VMware)
Max Concurrent Users (VPN)	250	2,500	2,500	25,000	25,000
Max Concurrent Users (NAC)	500	10,000	10,000	50,000	50,000
Max Tunnel Throughput (ESP Mode)*	2.6 Gbps	3.5 Gbps	3.5 Gbps	5.9 Gbps	4.5 Gbps
Max Tunnel Throughput (SSL Mode)*	2.1 Gbps	2.5 Gbps	2.5 Gbps	3.8 Gbps	3.3 Gbps
MAC Auth Login Rate (users / Sec)	**	458	291	495	**
RAM	8 GB Recommended	16 GB	16 GB Recommended	64 GB	32 GB Recommended
Interfaces	Configurable on host	2 × 1/10 GbE 1 × 1GbE	Configurable on host	5 × 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.

\*\* Awaiting lab performance testing results



## Ivanti Security Appliance Model Details

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



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

## 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".

ivanti®

A vertical bar on the right side of the page, transitioning from red at the top to orange at the bottom.

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