Forcepoint

Forcepoint

HSV001 Platform

Forcepoint's HSV001 logic unit is a high performance security enforcing component of the Information eXchange (iX) product. One or two HSVs are typically deployed between a number of HRB001 servers.

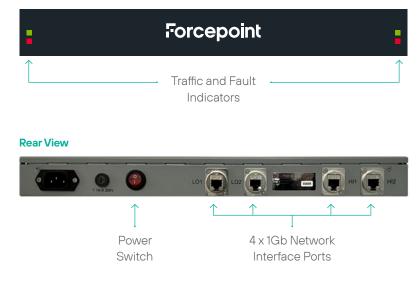
Key Benefits

- > Assured network separation
- > Data validation in hardware logic
- > Two independent one way flows
- > Ultra high speed validation
- > Built using trusted supply chain
- Built inline with best practices as recommended by UK NCSC

Overview

The HSV001 is a 1U unit suitable for running in an air conditioned server room environment in a 19" rack.

Front View



Operating Environment (System)

OPERATING ENVIRONMENT	
Operating Temperature Range	0 - 50°C (32° to 152°F)
Non-Operating Temperature Range	-20 - +70°C (-4° to 158° F)
Humidity Range	40 - 60% non-condensing
Non-Operating / Humidity Range	30 - 70% non-condensing

Technical Specification

CHASSIS		
Unit Size	Height: 4.4cm (1.7in.) x Width: 44.4cm (17.5in.) x Depth: 22.1cm (8.7in.)	
Unit Weight	3.7kg (8.16lbs)	
System Cooling	2 x 20mm 6,000 RPM axial fan, left to right air flow	
Fan MTBF	65,000 - 70,000 hours	
Finish	Smooth finish powder coat in grey and white	
POWER		
AC Voltage	100 – 250V, 50 – 60Hz, 1 Amp max	
Power Consumption	25W	

PROCESSORS AND MEMORY

Number of Processors	N/A
Processor Cores	N/A
Processor	N/A
Processor MTBF	N/A
Memory	N/A

STORAGE

Туре	N/A
Number of Disks	N/A
RAID	N/A
Hot Swappable	N/A
Storage Size	N/A
Disk MTBF	N/A

INTERFACES	
Networking	4 x 1 Gb Copper Ethernet NIC ports
DVD-RW	N/A
USB Ports	N/A
Serial	N/A
IPMI	N/A
VGA	N/A

DEPLOYMENT		
Indicators	Traffic and Fault Indicator lamps	
Warranty	1 year warranty	
Accessibility	N/A	
Power Supplies	1	
Power supplies MTBF	296,700 hours	
	Network switches must be used to connect between the HSV unit to HRB proxy servers. These switches must provide the following functionality:	
Connectivity	→ Private LAN segments that carry no other traffic	
	\rightarrow MTU of 9000 bytes	
	\rightarrow Ability to send pause frames when	

- overloaded
- \rightarrow FIFO queueing of frames

forcepoint.com/contact

© 2022 Forcepoint. Forcepoint and the FORCEPOINT logo are trademarks of Forcepoint. All other trademarks used in this document are the property of their respective owners. [FP-Datasheet_HSV001 Platform_EN] 20JAN2022

Forcepoint