



# 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



### Rear 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	
Type	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
Connectivity	<p>Network switches must be used to connect between the HSV unit to HRB proxy servers. These switches must provide the following functionality:</p> <ul style="list-style-type: none"> <li>→ Private LAN segments that carry no other traffic</li> <li>→ MTU of 9000 bytes</li> <li>→ Ability to send pause frames when overloaded</li> <li>→ FIFO queueing of frames</li> </ul>

[forcepoint.com/contact](https://forcepoint.com/contact)