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
Traffic and Fault Indicators

Rear View
Power Switch
4 x 1Gb Network Interface Ports
### Operating Environment (System)

<table>
<thead>
<tr>
<th>OPERATING ENVIRONMENT</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Operating Temperature Range</td>
<td>0 - 50°C (32° to 152°F)</td>
</tr>
<tr>
<td>Non-Operating Temperature Range</td>
<td>-20 - +70°C (-4° to 158° F)</td>
</tr>
<tr>
<td>Humidity Range</td>
<td>40 - 60% non-condensing</td>
</tr>
<tr>
<td>Non-Operating / Humidity Range</td>
<td>30 - 70% non-condensing</td>
</tr>
</tbody>
</table>

### 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:
- Private LAN segments that carry no other traffic
- MTU of 9000 bytes
- Ability to send pause frames when overloaded
- FIFO queueing of frames

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