**OVERVIEW**

- The VoIP IPS appliance can be installed as a tap (out-of-band) running in inspection/detection mode or in-line (in-band) running in protection/prevention mode.
- The IPS inspects all network traffic routed to your voice network in real time against consistently updated threat intelligence and signature updates.
- Upon discovering malicious traffic that attempts to disrupt or manipulate the voice network via attack techniques such as a denial of service (DoS), eavesdropping, call hijacking, toll fraud, worms, viruses, buffer overflows, software and network exploits targeting VoIP devices to name a few, the appliance will either immediately drop the packets preventing the attack from reaching its intended target if configured in in-line (in-band) mode or trigger an alert about the threat if configured in tap (out-of-band) mode.
- The VoIP IPS is available as a stand-alone appliance or as part of a Managed Security Service provided 24/7 by Clone Systems Security Operations Center (SOC).

**GENERAL**

<table>
<thead>
<tr>
<th>Form Factor</th>
<th>2U Rackmount Chassis - 430 x 508 x 88.6 mm (16.9” x 20” x 3.48”)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certification</td>
<td>NEBS (Network Equipment Building System) Level 3</td>
</tr>
</tbody>
</table>

**POWER**

| Power Input       | Redundant 48V 1200W DC or 1400W AC power                            |

**PROCESSOR**

| Type              | 2 x Intel Xeon 2.2GHZ (24 Cores)                                    |

**RAM**

| Type              | 64 GB (4 x 16GB DDR4 1.2V) expandable up to 512 GB                  |

**HARD DRIVE**

| Type              | 2 TB 7KRPM SATA                                                      |

**NETWORK**

- **Option A**
  - 8 x 1 Gbps taps or 4 x 1 Gbps in-line connections*
- **Option B**
  - 4 x 10 Gbps Fiber or Copper taps or 2 x 10 Gbps in-line connections*

*Each in-line connection requires two interfaces; One for inbound and the other for outbound traffic.
**COOLING /**

Chassis Fan  
6 * 80 x 38 high speed fans

**IO /**

Front Mgmt IO  
1 x PWR button, 1 x ID button, 1 x RJ45-type console, 2 x USB, LEDs

Rear Mgmt IO  
1 x RJ45-type console, 1 x DB15 for TAM (Optional), 2 x USB, 2 x GbE Mgmt ports, 1 x VGA, and 1 x external mini SAS port

**DIMENSIONS**

**PACKING LIST**

**DESCRIPTION /**

Rails  
1 x 20" slide rail (pair)

Management  
1 x Console cable

Power  
2 x Power cord cable 3P-5.0 180cm