



A Division of Connexon

# The E911 Experts.



## Phone Discovery Manager Data Sheet

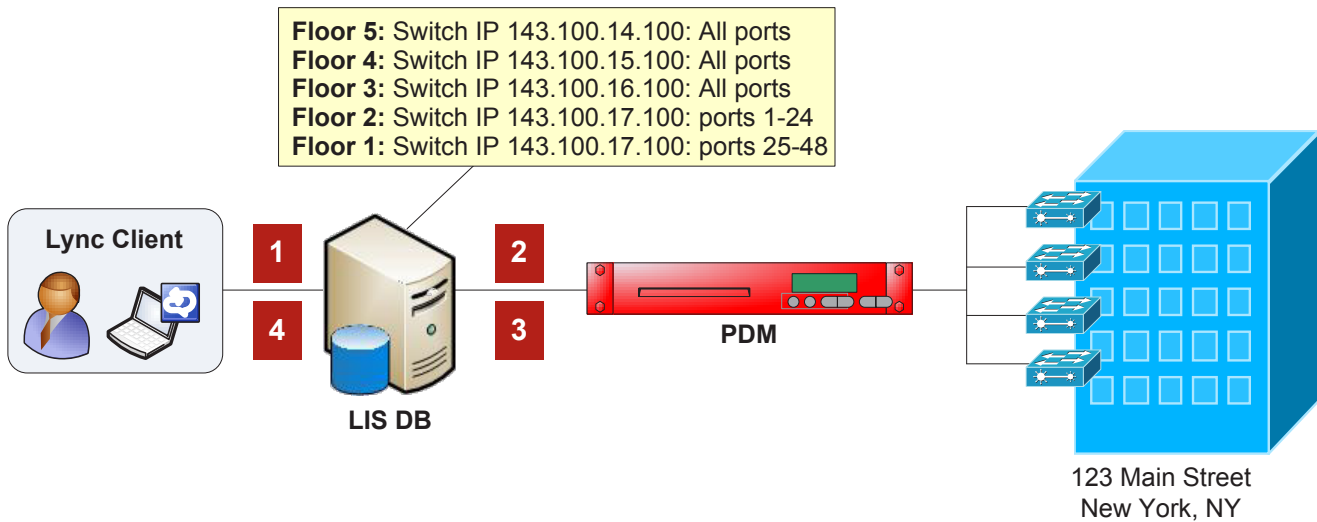
911 Enable's Phone Discovery Manager (PDM) is an optional on-site appliance that provides layer 2 soft phone tracking capabilities for organizations using Microsoft Lync Server 2010. The PDM is available as a hardware or virtualized appliance.



### Layer 2 Discovery with the PDM

Layer 2 discovery associates locations to specific layer 2 switches and switch ports. The PDM scans the network using SNMP to match a soft phone's MAC address to a specific switch port. The PDM then interoperates with the Lync Server 2010 LIS to ensure accurate locations are assigned to Microsoft's location-aware endpoints.

### How it Works



Description	
1	Enterprise endpoint sends its MAC address, in a location request, to the LIS.
2	The LIS uses the endpoint's MAC address to query the PDM for the associated switch port information.
3	The PDM matches the endpoint's MAC address to the corresponding switch port, and relays the switch port information back to the LIS.
4	The LIS associates the switch port information to the appropriate location, and sends the location back to the endpoint in PIDF-LO format.

## Software

<b>Supported IP-PBX Systems</b>	<ul style="list-style-type: none"> <li>Microsoft Lync Server 2010</li> </ul>
<b>Layer 2 Discovery</b>	<ul style="list-style-type: none"> <li>Protocols: SNMP v1, SNMP v2c, SNMP v3, Bridge MIB (RFC 1493)</li> <li>Supported Switches:                             <ul style="list-style-type: none"> <li>Cisco Catalyst</li> <li>HP Procurve</li> <li>Dell PowerEdge and PowerConnect</li> <li>Juniper EX</li> <li>Extreme Networks Summit, BlackDiamond, and Alpine</li> <li>All other switches that support Bridge MIB (RFC 1493)</li> </ul> </li> <li>Real-time scanning progress report available on EGW Dashboard</li> <li>Automatic endpoint inventory</li> <li>Supports third-party scanning tools with batch file interface</li> </ul>
<b>Operation and Maintenance</b>	<ul style="list-style-type: none"> <li>Email alerts and alarms</li> <li>Syslog support</li> <li>Active monitoring</li> <li>Encrypted web-based interface</li> <li>Pre-configured user access levels</li> </ul>

## Hardware Appliance

<b>Appliance</b>	<ul style="list-style-type: none"> <li>Dual hard drives in RAID 1 configuration</li> <li>2x Gigabit Ethernet network interface ports (RJ-45 connectors)</li> <li>(Optional) Remote Management card (RJ-45 Ethernet connector)</li> <li>Dual 110-220V AC 500W hot-plug power supplies</li> </ul>
<b>Chassis</b>	<ul style="list-style-type: none"> <li>1U Rack-mountable chassis</li> <li>24.69" (62.7cm) D x 17.09" (43.4cm) W x 1.69" (4.3cm) H without bezel attached</li> <li>Rack Weight 35.8lbs (16.3kg)</li> </ul>
<b>Regulatory</b>	<ul style="list-style-type: none"> <li>FCC Class A</li> <li>ICES Class A</li> <li>CE Class A</li> </ul>
<b>Redundancy (optional)</b>	<ul style="list-style-type: none"> <li>Can be deployed as an active-active pair</li> <li>Can be deployed at separate data centers</li> </ul>

## Virtual Appliance Minimum System Requirements

<b>Processor</b>	<ul style="list-style-type: none"> <li>2.00 GHz minimum</li> <li>2 x 2.00 GHz recommended</li> </ul>
<b>Memory</b>	<ul style="list-style-type: none"> <li>2 GB RAM</li> </ul>
<b>Disk Space</b>	<ul style="list-style-type: none"> <li>60 GB</li> </ul>
<b>Network Connections</b>	<ul style="list-style-type: none"> <li>One network interface - 100 Mbps</li> </ul>
<b>Supported Format</b>	<ul style="list-style-type: none"> <li>OVF</li> </ul>
<b>Supported Hardware</b>	<ul style="list-style-type: none"> <li>Intel Xeon 64-bit architecture CPU</li> </ul>
<b>VMware version</b>	<ul style="list-style-type: none"> <li>ESXi 4.x or later</li> </ul>
<b>Supported Options</b>	<ul style="list-style-type: none"> <li>vMotion: No</li> <li>Site Recovery Manager: Yes*</li> <li>High Availability: No</li> <li>Snapshot: Yes*</li> <li>Consolidated Backup and Data Recovery Manager: No</li> <li>Fault Tolerance: No</li> </ul> <p>* In case of recovery, database synchronization may be required</p>

## Other

<b>Product Number</b>	<ul style="list-style-type: none"> <li>HW911-PDMAPP - PDM Hardware Appliance</li> <li>SW911-PDMVAP - PDM Virtual Appliance</li> <li>HW911-EGWRAC - Optional Management Network Adapter</li> </ul>
<b>Licensing</b>	<ul style="list-style-type: none"> <li>Perpetual License</li> </ul>
<b>Maintenance/Support</b>	<ul style="list-style-type: none"> <li>Includes one (1) year maintenance and support</li> </ul>
<b>Documentation</b>	<ul style="list-style-type: none"> <li>PDM System Guide</li> </ul>