Avaya Networking Solutions

SDN Fx Architecture
Virtual Services Platform 9000
Virtual Services Platform 8000
Virtual Services Platform 7200
Virtual Services Platform 7000
Virtual Services Platform 4000
Ethernet Routing Switch 8800 Series
Ethernet Routing Switch 5900 Series
Ethernet Routing Switch 4800 Series
Ethernet Routing Switch 3500 Series
Virtual Services Platform 8000
Ethernet Routing Switch 8800 Series
Ethernet Routing Switch 5900 Series
Ethernet Routing Switch 4800 Series
Ethernet Routing Switch 3500 Series
Wireless LAN 9100 Series
BYOD, Guest Management and Access Control
Network Management
Collaboration Pods
SDN Fx Architecture

A Fabric-Based SDN Model for Simplicity Everywhere

- Avaya Fabric Connect
  - Automation of the network core based on Avaya's extended Shortest Path Bridging
  - Virtualizing all network services: L2 Unicast and Multicast, L3 Unicast and Multicast IP

- Avaya Fabric Extend
  - Supports the interconnection of Fabric Connect deployments over any IP-based network

- Avaya Fabric Attach
  - A standards-based approach for easily and consistently connecting a broad range of devices

- Avaya Fabric Orchestrator
  - SDN Controller for managing and orchestrating the Ethernet Fabric Open Ecosystem

- Open Networking Adapter
  - A unique card-deck-size adapter that plugs into devices and automatically associates with an SDN controller and automatically places it into a tailored enterprise-wide virtual network

- OpenDaylight, OpenFlow and OpenStack support
  - Third Party SDN Applications and Controllers will be able to integrate and help ensure broad cross-platform interoperability

- User, device, and application integration beyond the Data Center to the User Edge

- Open source customization tools married with standard Ethernet Fabric protocols

- Automated network functions with a single network-wide Ethernet Fabric
Virtual Services Platform 9000

- Scalable platform for growing infrastructures: architected to scale to multiple Tbps
- High availability through fully redundant hardware
  - Load-sharing Switch Fabrics
  - Redundant hot-swappable power supplies
  - Dedicated internal control network
- High port density
  - Up to 120 40GbE/chassis, 360/rack
  - Up to 480 10GbE/chassis, 1440/rack
  - Up to 480 1GbE/chassis, 1440/rack
- Efficient
  - Optimized power consumption
- Network virtualization
  - Avaya Fabric Connect extended Shortest Path Bridging
  - Virtual Routing & Forwarding (VRF)
- IPv4/6 Routing in Hardware

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>10/100/1000 Mbps ports</th>
<th>1 Gbps ports</th>
<th>10 Gbps ports</th>
<th>40 Gbps ports</th>
</tr>
</thead>
<tbody>
<tr>
<td>9090 SF</td>
<td>Switch Fabric Module for 9012 Chassis</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>9095 SF</td>
<td>Switch Fabric Module for 9010 Chassis</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>9048GT</td>
<td>48 port 1G Copper I/O Module</td>
<td>48 RJ45</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>9048GB</td>
<td>48 port 1G Fiber I/O Module</td>
<td>-</td>
<td>48 SFP</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>9024XL</td>
<td>24 port 10G Fiber I/O Module</td>
<td>-</td>
<td>-</td>
<td>24 SFP</td>
<td>-</td>
</tr>
<tr>
<td>9048XS-2</td>
<td>48 port 10G Fiber Gen 2 I/O Module</td>
<td>-</td>
<td>-</td>
<td>48 SFP</td>
<td>-</td>
</tr>
<tr>
<td>9012QQ-2</td>
<td>12 port 40G Fiber Gen 2 I/O Module</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>12 QSFP</td>
</tr>
</tbody>
</table>

1/1G speeds supported  \*\ MACsec ready
Virtual Services Platform 8000

- High-performance 10/40 Gigabit Ethernet Switch family
- Efficient compact form-factor that reduces power and footprint consumption
- Supports both conventional IP Routing and/or Fabric-based networking deployments
- VSP 8200 offers a fixed 80 ports of 10 Gigabit Ethernet & 4 ports of 40 Gigabit Ethernet
- VSP 8400 offers modularity with support for up to 4 Ethernet Switch Modules
  - Supported ESMs are shown in the table below.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>10 Gbps ports</th>
<th>40 Gbps ports</th>
</tr>
</thead>
<tbody>
<tr>
<td>8284XSQ(^1)</td>
<td>Fixed Compact Form Factor Core switch with 80x10G Fiber &amp; 4x40G Fiber ports</td>
<td>80 SFP(^3)</td>
<td>4 QSFP+</td>
</tr>
<tr>
<td>8404</td>
<td>Modular Compact Form Factor Core/Spine switch with 4 I/O Ethernet Switch Module (ESM) slots</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>8024XT(^1)</td>
<td>24 port 10G Copper Ethernet Switch Module</td>
<td>24 RJ45(^4)</td>
<td>-</td>
</tr>
<tr>
<td>8024XS(^1)</td>
<td>24 port 10G Fiber Ethernet Switch Module</td>
<td>24 SFP(^3)</td>
<td>-</td>
</tr>
<tr>
<td>8418XSQ(^1,2)</td>
<td>16x10G Fiber &amp; 2x40G Fiber port combination Ethernet Switch Module</td>
<td>16 SFP(^3)</td>
<td>2 QSFP+</td>
</tr>
<tr>
<td>8408QQ(^1,2)</td>
<td>8 port 40G Fiber Ethernet Switch Module</td>
<td>-</td>
<td>8 QSFP(^5)</td>
</tr>
</tbody>
</table>

\(^1\)MACsec supported on 10G ports
\(^2\)MACsec supported on 40G channelized (10G) sub-ports
\(^3\)1/10G speeds supported
\(^4\)100M/1G/10G speeds supported
\(^5\)6 ports supported, 2 reserved for future use
Virtual Services Platform 7200

- High-density 10 Gigabit ports for Server connectivity
- Flexible 40 Gigabit ports for uplink and DToR connectivity
- Non-blocking, wire-speed switching architecture
- Integrated design that is optimized for low latency
- Flexible L2/L3 table entry architecture delivers MAC, ARP, and IP Routing scalability
- Feature-rich support for Standards-based VLAN, MLT, STP, and SPB technologies

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>10 Gbps ports</th>
<th>40 Gbps ports</th>
</tr>
</thead>
<tbody>
<tr>
<td>7254XTQ(^1)(^4)</td>
<td>Fixed Compact Form Factor ToR/Leaf switch with 48x10G Copper &amp; 6x40G Fiber ports</td>
<td>48 RJ45(^2)</td>
<td>6 QSFP+</td>
</tr>
<tr>
<td>7254XSQ(^4)</td>
<td>Fixed Compact Form Factor ToR/Leaf switch with 48x10G Fiber &amp; 6x40G Fiber ports</td>
<td>48 SFP+(^3)</td>
<td>6 QSFP+</td>
</tr>
</tbody>
</table>

\(^1\)MACsec supported on 10G ports
\(^2\)100M/1G/10G speeds supported
\(^3\)1/10G speeds supported
\(^4\)Front to back & Back to Front air-flow options available
Virtual Services Platform 7000

- Application: Server connection in the Data Center as Top-of-Rack Switch
- 5th generation chipset supports:
  - Shortest Path Bridging (SPB)
  - PFC Lossless support
  - Energy Efficient Ethernet (EEE)
- Redundant, hot-swappable power supplies and fans
- Front-to-back or back-to-front cooling
- Future-ready for 100 Gigabit Ethernet
- Media Dependent Adapter slot offers expandability
- Distributed Top-of-Rack optimizes application performance, interconnecting up to 500 Switches with a virtual backplane of up to 280Tbps, supporting up to 16,000 ports of 10 Gigabit Ethernet
- Ultra-low latency and non-blocking switching

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>10 Gbps ports</th>
<th>40 Gbps ports</th>
</tr>
</thead>
<tbody>
<tr>
<td>7024XT³</td>
<td>Distributed ToR switch with 24x10G Copper ports &amp; 1 slot for optional Media Dependent Adaptor</td>
<td>24 RJ45¹</td>
<td>-</td>
</tr>
<tr>
<td>7024XLS³</td>
<td>Distributed ToR switch with 48x10G Fiber ports &amp; 1 slot for optional Media Dependent Adaptor</td>
<td>24 SFP⁺²</td>
<td>-</td>
</tr>
<tr>
<td>7008XT</td>
<td>8 port 10G Copper Media Dependent Adaptor</td>
<td>8 RJ45¹</td>
<td>-</td>
</tr>
<tr>
<td>7008XLS</td>
<td>8 port 10G Fiber Media Dependent Adaptor</td>
<td>8 SFP⁺²</td>
<td>-</td>
</tr>
<tr>
<td>7002QQ</td>
<td>2 port 40G Fiber Media Dependent Adaptor</td>
<td>-</td>
<td>2 QSFP⁺</td>
</tr>
</tbody>
</table>

¹100M/1G/10G speeds supported  ²1G/10G speeds supported  ³Front to back & Back to Front air-flow options available
Virtual Services Platform 4000

- Industry’s first “fabric-enabled” multiservice/multitenant edge device
- Extends Avaya Fabric Connect to the Campus, MAN, WAN edge
- Full SPBm edge platform supporting IP shortcuts, L3 VSNs and L2 VSNs
- Cost effective L2, L3 Virtualization for the mid market
- Supports PoE+ and SFP+
- Internal field replaceable, redundant power supplies

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>10/100/1000 Mbps ports</th>
<th>10/100/1000 Mbps POE+ ports</th>
<th>1 Gbps ports</th>
<th>10 Gbps ports</th>
</tr>
</thead>
<tbody>
<tr>
<td>4450GSX-PWR+</td>
<td>Small Core/Fabric Edge switch with 12x1G POE+, 36x1G Fiber &amp; 2x10G Fiber ports</td>
<td>-</td>
<td>12 RJ45</td>
<td>36 SFP</td>
<td>2 SFP&lt;sup&gt;1,3&lt;/sup&gt;</td>
</tr>
<tr>
<td>4450GTX-HT-PWR+</td>
<td>Small Core/Fabric Edge switch with 48x1G POE+, 2x1G Fiber &amp; 2x10G Fiber ports - Temperature Hardened</td>
<td>-</td>
<td>48 RJ45</td>
<td>2 SFP&lt;sup&gt;2&lt;/sup&gt;</td>
<td>2 SFP&lt;sup&gt;1,3&lt;/sup&gt;</td>
</tr>
<tr>
<td>4850GTS</td>
<td>Small Core/Fabric Edge switch with 48x1G Copper, 2x1G Fiber &amp; 2x10G Fiber ports</td>
<td>48 RJ45</td>
<td>-</td>
<td>2 SFP&lt;sup&gt;2&lt;/sup&gt;</td>
<td>2 SFP&lt;sup&gt;2&lt;/sup&gt;</td>
</tr>
<tr>
<td>4850GTS-PWR+</td>
<td>Small Core/Fabric Edge switch with 48x1G POE+, 2x1G Fiber &amp; 2x10G Fiber ports</td>
<td>-</td>
<td>48 RJ45</td>
<td>2 SFP&lt;sup&gt;2&lt;/sup&gt;</td>
<td>2 SFP&lt;sup&gt;3&lt;/sup&gt;</td>
</tr>
</tbody>
</table>

<sup>1</sup>MACsec supported on 10G ports  <sup>2</sup>Shared with 10/100/1000M ports  <sup>3</sup>1/10G speeds supported
## Ethernet Routing Switch 8800 Series

- 720 Gbps raw capacity, 384 Mpps
- 3, 6 or 10 slot chassis
- Complete redundancy of all components: Switching Fabric/CPU, I/O Modules, Power Supplies & Fans
- 10/100/1000 Mbps and 10 Gbps connections
- Up to 96 10GE ports in 13 RU
- Up to 384 GE ports (fibre-optic or copper) in 13 RU
- Network virtualization
  - Avaya Fabric Connect
  - Virtual Routing & Forwarding (VRF)
  - IP VPN
  - IP VPN-Lite (IP-in-IP)
- IPv4/6 Routing in Hardware

### Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>10/100/1000 Mbps ports</th>
<th>1 Gbps ports</th>
<th>10 Gbps ports</th>
</tr>
</thead>
<tbody>
<tr>
<td>8895 SF/CPU</td>
<td>256 Gbps Switch Fabric &amp; CPU Module</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>8848GT</td>
<td>48 port 1G Copper I/O Module</td>
<td>48 RJ45</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>8848GB</td>
<td>48 port 1G Fiber I/O Module</td>
<td>-</td>
<td>48 SFP¹</td>
<td>-</td>
</tr>
<tr>
<td>8834XG</td>
<td>8x1G Copper, 24x1G Fiber &amp; 2x10G Fiber port Combination I/O Module</td>
<td>8 RJ45</td>
<td>24 SFP¹</td>
<td>2 XFP</td>
</tr>
<tr>
<td>8812XL</td>
<td>12 port 10 Gbps SFP+ I/O Module</td>
<td>-</td>
<td>-</td>
<td>12 SFP²</td>
</tr>
</tbody>
</table>

¹100/1000M speeds supported ²10G only

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Ethernet Routing Switch 5900 Series

- New family of fabric-enabled, premium Gigabit Ethernet stackable switches
- Designed for campus networks and enterprise wiring closets
- 4 x SFP+ uplinks, with a max uplink capacity of 40Gbps
- MACSec-ready
- IEEE 802.3at PoE+ support
- Supports up to 8 unit stacks, stacking bandwidth up to 672Gbps field replaceable power supplies and fans.
- Front to back or back to front cooling options.
- Extensible to support UPoE and 2.5/5.0 GE Ethernet (for 802.11ac Wave 2)

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Stacking Bandwidth</th>
<th>10/100/1000 Mbps ports</th>
<th>10/100/1000 Mbps POE+ ports</th>
<th>10 Gbps ports</th>
</tr>
</thead>
<tbody>
<tr>
<td>5928GTS</td>
<td>Stackable Ethernet switch with 24x1G &amp; 4x10G Fiber ports</td>
<td>42 Gbps</td>
<td>24 RJ45</td>
<td>-</td>
<td>4 SFP&lt;sup&gt;+&lt;/sup&gt;1</td>
</tr>
<tr>
<td>5928GTS-PWR+</td>
<td>Stackable Ethernet switch with 24x1G PoE+ &amp; 4x10G Fiber ports</td>
<td>42 Gbps</td>
<td>-</td>
<td>24 RJ45</td>
<td>4 SFP&lt;sup&gt;+&lt;/sup&gt;1</td>
</tr>
<tr>
<td>5952GTS</td>
<td>Stackable Ethernet switch with 24x1G &amp; 4x10G Fiber ports</td>
<td>42 Gbps</td>
<td>48 RJ45</td>
<td>-</td>
<td>4 SFP&lt;sup&gt;+&lt;/sup&gt;1</td>
</tr>
<tr>
<td>5952GTS-PWR+</td>
<td>Stackable Ethernet switch with 24x1G PoE+ &amp; 4x10G Fiber ports</td>
<td>42 Gbps</td>
<td>-</td>
<td>48 RJ45</td>
<td>4 SFP&lt;sup&gt;+&lt;/sup&gt;1</td>
</tr>
</tbody>
</table>

<sup>1</sup>/10G speeds supported
Ethernet Routing Switch 4000 Series

- For enterprise wiring closets, campuses and large branches
- Up to 8 systems can be stacked; up to 400 GE/FE ports and 16 10GE ports with a max. stacking capacity of 384 Gbps
- Dynamic IP Routing capabilities campuses

ERS 4800 Models

- Supports PoE+ and SFP+
- Supports Avaya Fabric Connect (Shortest Path Bridging) as well as Fabric Attach auto-provisioning
- Internal field replaceable, redundant power supplies

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Stacking Bandwidth</th>
<th>10/100/1000 Mbps ports</th>
<th>10/100/1000 Mbps POE+ ports</th>
<th>1 Gbps ports</th>
<th>10 Gbps ports</th>
</tr>
</thead>
<tbody>
<tr>
<td>4826GTS</td>
<td>Stackable Ethernet switch with 24x1G Copper, 2x1G Fiber &amp; 2x10G Fiber ports</td>
<td>48 Gbps</td>
<td>24 RJ45</td>
<td>-</td>
<td>2 SFP¹</td>
<td>2 SFP²</td>
</tr>
<tr>
<td>4826GTS-PWR+</td>
<td>Stackable Ethernet switch with 24x1G POE+, 2x1G Fiber &amp; 2x10G Fiber ports</td>
<td>48 Gbps</td>
<td>-</td>
<td>24 RJ45</td>
<td>2 SFP¹</td>
<td>2 SFP²</td>
</tr>
<tr>
<td>4850GTS</td>
<td>Stackable Ethernet switch with 48x1G Copper, 2x1G Fiber &amp; 2x10G Fiber ports</td>
<td>48 Gbps</td>
<td>48 RJ45</td>
<td>-</td>
<td>2 SFP¹</td>
<td>2 SFP²</td>
</tr>
<tr>
<td>4850GTS-PWR+</td>
<td>Stackable Ethernet switch with 48x1G POE+, 2x1G Fiber &amp; 2x10G Fiber ports</td>
<td>48 Gbps</td>
<td>-</td>
<td>48 RJ45</td>
<td>2 SFP¹</td>
<td>2 SFP²</td>
</tr>
</tbody>
</table>

¹Shared with 10/100/1000M ports
²1/10G speeds supported
### Ethernet Routing Switch 3500 Series

- For SMEs, mid-market and small branch offices; includes Avaya IP Office Quick Start utility
- Fanless models for noise sensitive environments
- Supports PoE+
- Up to 8 systems can be stacked; up to 384 GEports with a max. stacking capacity of 80 Gbps
- Local and static routing

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Stacking Bandwidth</th>
<th>10/100 Mbps ports</th>
<th>10/100 Mbps POE+ ports</th>
<th>10/100/1000 Mbps ports</th>
<th>1 Gbps ports</th>
<th>2.5G Gbps rear ports</th>
<th>10 Gbps ports</th>
</tr>
</thead>
<tbody>
<tr>
<td>3526T</td>
<td>Fanless Stackable Ethernet switch with 24x100M Copper, 2x1G Copper/Fiber combination &amp; 2x2.5G SFP rear ports</td>
<td>10 Gbps</td>
<td>24 RJ45</td>
<td>2 RJ45</td>
<td>2 RJ45</td>
<td>2 SFP</td>
<td>2 SFP</td>
<td>2 RJ45</td>
</tr>
<tr>
<td>3526T-PWR+</td>
<td>Stackable Ethernet switch with 24x100M POE+, 2x1G Copper/Fiber combination &amp; 2x2.5G SFP rear ports</td>
<td>10 Gbps</td>
<td>-</td>
<td>24 RJ45</td>
<td>2 RJ45</td>
<td>2 SFP</td>
<td>2 SFP</td>
<td>-</td>
</tr>
<tr>
<td>3550T</td>
<td>Stackable Ethernet switch with 48x100M Copper, 2x1G Copper/Fiber combination &amp; 2x2.5G SFP rear ports</td>
<td>10 Gbps</td>
<td>48 RJ45</td>
<td>2 RJ45</td>
<td>2 RJ45</td>
<td>2 SFP</td>
<td>2 SFP</td>
<td>2 RJ45</td>
</tr>
<tr>
<td>3550T-PWR+</td>
<td>Stackable Ethernet switch with 48x100M POE+, 2x1G Copper/Fiber combination &amp; 2x2.5G SFP rear ports</td>
<td>10 Gbps</td>
<td>-</td>
<td>48 RJ45</td>
<td>2 RJ45</td>
<td>2 SFP</td>
<td>2 SFP</td>
<td>-</td>
</tr>
<tr>
<td>3510GT</td>
<td>Fanless Standalone Ethernet Switch with 8x1G Copper &amp; 2x1G Fiber ports</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>8 RJ45</td>
<td>-</td>
<td>2 SFP</td>
<td>-</td>
</tr>
<tr>
<td>3510GT-PWR+</td>
<td>Standalone Ethernet Switch with 8x1G POE+ &amp; 2x1G Fiber ports (Standalone. Fanless mode @ 60W PoE budget, Fan operation mode @ 170W PoE budget.)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>8 RJ45</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>3524GT</td>
<td>Stackable Ethernet switch with 24x1G Copper, 4x1G Fiber &amp; 2x2.5G SFP rear ports</td>
<td>10 Gbps</td>
<td>-</td>
<td>-</td>
<td>20 + 4' RJ45</td>
<td>-</td>
<td>4 SFP</td>
<td>2 SFP</td>
</tr>
<tr>
<td>3524GT-PWR+</td>
<td>Stackable Ethernet switch with 24x1G POE+, 4x1G Fiber &amp; 2x2.5G SFP rear ports</td>
<td>10 Gbps</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>20 + 41 RJ45</td>
<td>4 SFP</td>
<td>2 SFP</td>
</tr>
<tr>
<td>3549GTS</td>
<td>Stackable Ethernet switch with 48x1G Copper, 2x1G Fiber, 1x10G SFP &amp; 2x2.5G SFP rear ports</td>
<td>10 Gbps</td>
<td>-</td>
<td>-</td>
<td>46 + 2' RJ45</td>
<td>-</td>
<td>2 SFP</td>
<td>2 SFP</td>
</tr>
<tr>
<td>3549GTS-PWR+</td>
<td>Stackable Ethernet switch with 48x1G POE+, 2x1G Fiber, 1x10G SFP &amp; 2x2.5G SFP rear ports</td>
<td>10 Gbps</td>
<td>-</td>
<td>-</td>
<td>46 + 21 RJ45</td>
<td>-</td>
<td>2 SFP</td>
<td>2 SFP</td>
</tr>
</tbody>
</table>

1\textsuperscript{1}Shared/Combination ports \hspace{1cm} 2\textsuperscript{1}1/10G speeds supported

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## Wireless LAN 9100 Series

- Next Generation 802.11ac Wireless LAN solution
- Cost effective, two-tier architecture (distributed controller in every AP)
- Granular Visibility and Control for 1300+ applications
  - Ensures business apps are not compromised by personal apps
- Software Upgradeable from 802.11n to 802.11ac
- 70% more bandwidth per AP
- Premise and Cloud based management
- Advanced Radio Frequency (RF) Management

### Model Description

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>WAP9122XX-E6</td>
<td>WLAN 9122 Indoor Access Point, 802.11N (Upgradable To 11AC), Dual Radio 2x2 MIMO, Omni-Directional Antenna, Integrated Wireless Controller</td>
</tr>
<tr>
<td>WAP9123XX-E6</td>
<td>WLAN 9123 Indoor Access Point, 802.11N (Upgradable To 11AC), Dual Radio 3x3 MIMO, Omni-Directional Antenna, Integrated Wireless Controller</td>
</tr>
<tr>
<td>WAP9132XX-E6</td>
<td>WLAN 9132 Indoor Access Point, 802.11AC, Dual RadiO 2x2 MIMO, Omni-Directional Antenna, Integrated Wireless Controller</td>
</tr>
<tr>
<td>WAP9133XX-E6</td>
<td>WLAN 9133 Indoor Access Point, 802.11AC, Dual Radio 3x3 MIMO, Omni-Directional Antenna, Integrated Wireless Controller</td>
</tr>
<tr>
<td>WA09122XX-E6</td>
<td>WLAN 9122 Outdoor Access Point, 802.11N, Dual Radio 2x2 MIMO, Omni-Directional Antenna, Integrated Wireless Controller</td>
</tr>
<tr>
<td>WAT911360-E6</td>
<td>WLAN 9100 Antenna 2.4GHz/5GHz, Omni-Directional 360 Degree, 1x1 “Rubber Duck” For WA09100</td>
</tr>
<tr>
<td>WAT912030-E6</td>
<td>WLAN 9100 Antenna 2.4GHz/5GHz, Supports 2 Radios, 14dBi, 30 Degree, 2X2 Panel With N-Female Connectors For WAO9100</td>
</tr>
<tr>
<td>WAT912090-E6</td>
<td>WLAN 9100 Antenna 2.4GHz/5GHz, Supports 1 Radio, 6/7dBi, 90 degree, 2x2 panel with N-Female Connectors For WAO9100.</td>
</tr>
<tr>
<td>WOS91000-E</td>
<td>WLAN Orchestration System For WLAN 9100 Series, Software Base Only. Requires Ap Licenses</td>
</tr>
<tr>
<td>WAP9172xx-E6</td>
<td>WLAN 9172 Indoor 4 -Radio Access Point, 802.11ac, 2x2 MIMO, Integrated Wireless Controller</td>
</tr>
<tr>
<td>WAP9173xx-E6</td>
<td>WLAN 9173 Indoor 4 -Radio Access Point, 802.11ac, 3x3 MIMO, Integrated Wireless Controller</td>
</tr>
<tr>
<td>WAP9112XX-E6</td>
<td>WLAN 9112 Wall mount Access Point/switch, 802.11ac, Dual Radio 2x2, for hotel rooms, dormitories, offices and similar locations</td>
</tr>
</tbody>
</table>
BYOD, Guest Management and Access Control

BYOD, Guest Management and Secure Access

Identity Engines

- Visibility and Control - Who can use which network service when and where
- Centralized, enterprise-wide user and device authentication and service authorization
- Guest access in less than 10 seconds
- Embrace BYOD securely with device fingerprinting and auto-registration
- Facilitates compliance with legal requirements
- Integration in existing directory services (Microsoft AD, Novell eDirectory, Directory, Oracle Internet Directory, LDAP, Kerberos, RSA SecurID, token-based services)
- MDM integration with Citrix XenMobile and AirWatch

Identity Engines
Overview of the system architecture

Ignition Access Portal and CASE Wizard

Ignition Server™
Authentication and authorization server
Identity and rule-based

Ignition Guest Manager™
Customizable, Java-based solution for guest access

Microsoft NAP Integration
Posture for Microsoft NAP environments
Network Management

- Centralized, integrated set of network management tools
- Comprehensive management functions for all Avaya Networking products, switches, routers, WLAN
- Uniform user interface for all tools
- Essential component of an Avaya Enterprise Solution

Visualization Performance and Fault Manager
Industry-wide network representation, root cause analysis, network topology

Configuration and Orchestration Manager
Configuration, component, backup, recovery and virtualization management

Virtualization Provisioning Service
Automation, visualization and reporting for data centers on physical and virtualized levels

IP Flow Manager
IP Flow Information eXport (IPFIX) Collector, Representation, Analysis and Reporting
Collaboration Pods

- Industry’s first “full stack” solution for real-time applications
- Flexible compute and storage footprint which is highly scalable
- Rapid, risk free deployments – real time applications running in hours/days as opposed to weeks/months
- Streamlined management and troubleshooting with common orchestration
- Streamlined vendor relations with single call support
- Architected for maximum reliability - non-stop operations
- Avaya Fabric Connect integration for geo-redundancy and for Infrastructure as a Service initiatives.

Collaboration Pod Components:

- Base components:
  - VMware Compatible Servers: preloaded with Avaya Aura® Applications and Pod Orchestration Suite
  - Avaya Networking (VSP 7000, VSP 4000)
  - EMC VNX 5300 Storage Array
- Optional components
  - G450 Gateway
  - Session Border Controller

Collaboration Pod 2400: A reduced form factor solution optimized for mid-market and mid-sized enterprises offering Unified Communications and/or Contact Center services.

Collaboration Pod 4200: For large enterprises deploying Unified Communications and/or Contact Center solutions, and for Service Providers delivering Unified Communications and/or Contact Center services.