# Benefits of Migrating to Cisco Wireless Products

## Network Requirements for the Digital Organization

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</thead>
<tbody>
<tr>
<td><strong>Insights and Experiences</strong></td>
<td></td>
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</tr>
<tr>
<td>Maximum data rate</td>
<td>450 Mbps (3600 Series)</td>
<td>1.3 Gbps (2700 and 3700 Series)</td>
<td>5.2 Gbps (2800 and 3800 Series)</td>
<td>Users will gain a better experience through a better-performing network</td>
</tr>
<tr>
<td>Connected Mobile Experiences (CMX)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Cisco Application Visibility and Control (AVC)</td>
<td>No</td>
<td>✓</td>
<td>✓</td>
<td>Visibility into 1000+ applications for capacity planning and prioritization</td>
</tr>
<tr>
<td>Future-ready modularity</td>
<td>3600 Series only</td>
<td>3700 Series only</td>
<td>3800 Series only</td>
<td>Prepare for next-generation technology today</td>
</tr>
<tr>
<td><strong>Automation and Assurance</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cisco High Density Experience (HDX)</td>
<td>No</td>
<td>✓</td>
<td>✓</td>
<td>Automatically manages the airwaves and improves Wi-Fi performance</td>
</tr>
<tr>
<td>Flexible, software-defined, dual radios, 5 GHz</td>
<td>No</td>
<td>No</td>
<td>2800 and 3800 Series only</td>
<td>Automated support for client surges with dual 5-GHz radios</td>
</tr>
<tr>
<td>Best practices</td>
<td>No</td>
<td>✓</td>
<td>✓</td>
<td>Advanced features easily enabled through Mobility Express and WLAN Express Setup</td>
</tr>
<tr>
<td>Apple FastLane</td>
<td>No</td>
<td>✓</td>
<td>✓</td>
<td>Enables iOS devices to intelligently communicate and fast-track a connection to the best-suited access point, quickly and efficiently, all while saving battery power</td>
</tr>
</tbody>
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#### Guide

**Cisco Public**

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<tbody>
<tr>
<td></td>
<td></td>
<td>1600/2600/3600 Series</td>
<td>1700/2700/3700 Series</td>
<td>1800/2800/3800 Series</td>
<td></td>
</tr>
<tr>
<td><strong>Cisco Application Policy Infrastructure Controller Enterprise Module (APIC-EM) Plug and Play with quality of service (QoS)</strong></td>
<td>No</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td><strong>Cisco Jabber®/ Lync SDN API</strong></td>
<td>No</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td><strong>Cisco Prime® Infrastructure</strong></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td><strong>Cisco Identity Services Engine (ISE)</strong></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td><strong>NetFlow</strong></td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
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<tr>
<td><strong>Cisco Stealthwatch</strong></td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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</table>

- Includes software-defined networking technologies that enable the controller to automate provisioning of the end-to-end infrastructure to deploy applications and services.

- Allows employees to access instant messaging, voice, video, voice messaging, desktop sharing, and conferencing from anywhere.

- Simplifies the management of your wired and wireless network with a single view and point of control.

- A next-generation identity and access control policy platform that enforces compliance, enhances infrastructure security, and streamlines service operations.

- Provides a key set of services for IP applications, including network traffic accounting, usage-based network billing, network planning security, denial-of-service monitoring capabilities, and network monitoring.

- Enables advanced network visibility, analytics, and protection by showing everything that happens across your network and data center.