HP Intelligent Management Center Wireless Services Manager Software

**Key features**

- Intuitive, easy-to-use interface
- Unified wired and wireless device management
- Range of topology management modes
- Low maintenance costs and low TCO

**Product overview**

HP Intelligent Management Center (IMC) is a modular, comprehensive resource management platform. With its extensive device support, IMC provides true end-to-end management for the entire network, and entire operation cycle.

An optional IMC module, IMC Wireless Services Manager (WSM) software provides unified management of wired and wireless networks, adding network management functions into existing wired network management systems. WSM software offers wireless LAN (WLAN) device configuration, topology, performance monitoring, RF heat mapping, and WLAN service reports.

IMC WSM software facilitates centralized control over your wireless network, even if it is geographically dispersed. This reduces the time needed to deploy configuration changes and provides uniformity throughout your WLAN infrastructure.
Features and benefits

Management

• WLAN device management
  IMC WSM software supports the HP MSM series of WLAN devices, including controllers, fit access points (APs), and fat APs

• WLAN device management
  – access controller list
  – access controller detail information
  – fit/fat AP list
  – fit/fat AP detail information

• Wireless status view
  WSM software displays key information in one place; for controllers it maintains status on mobility activity, DHCP server, VPNs, ports, VLANs, IPsec, and RADIUS; for APs, the software provides details on usage at the client level down to the CPU load level and across neighbors and local meshes; provides north-south status views (high-level health down to detailed status of services such as your RADIUS running on controllers)

• WLAN management
  automatically displays WLAN SSIDs in your network, compares performance, and relates APs to the WLAN by SSID

• Batch configuration wizard
  the batch configuration wizard can help users configure the WLAN network step by step, including WLANs, AP groups, and radio parameters

• Topology—access controller and fit AP logical topology
  displays logical and physical views of WLAN by AP, controller, or WLAN, and view status as well as detailed information in real time; provides links to quickly click and find device location

• Location views
  location topology feature shows the physical position for each AP and supports the JPG/PNG format background image; RF coverage displays the radio frequency coverage area of each AP to help you locate the problem of slow access speed or network access failure; you can then redeploy APs or adjust radio power or channel parameters to achieve the best signal coverage with the lowest cost

• RF predictor
  – shows area coverages so you can predict the coverage before buying or moving APs
  – antennas shape direct signals so you can play with antenna types and add in obstacles to plan for best performance
  – predicts best placement of APs based on scale and obstacles you provide
  – send and save your RF plan using popular file formats

• Client management
  because connection issues require information about your client, WSM software tracks client connection history, and provides top-down (AP-to-client) and client-to-AP views to ease troubleshooting processes

• Performance monitoring
  WSM software displays graphs and performance charts for wireless devices status, wireless alarms statistics, online client trending, and AP traffic monitoring; users can define tasks to monitor performance items of interest

• WLAN reports
  provide AP statistics, radio statistics, client statistics, and traffic statistics

• Wireless terminal trace display
  logs the online and offline records of a wireless terminal and uses these records to display the movements of the wireless terminal in the location view

• WDS/mesh management
  WSM software displays local mesh neighborhood and local mesh link information

• PoE port management
  to facilitate management, WSM software can automatically learn which APs are connected to a switch’s PoE ports, enabling control of those PoE ports; set the fault AP to perform a cold restart, which will be a fast resume

• Google Maps™ integration
  with WSM software support for Google Maps integration, users can add hotspots (such as Starbucks) to the map, view the number of APs and clients in the hotspot, and jump to the location topology from the hotspot to view detailed information

• NEW Wireless intrusion detection integration
  helps manage the intrusion detection system at the controller level

• NEW Support for HP MSM radio resource management
  provides configuration management of radio resources, including auto power, auto channel, and scheduling

• NEW Location-based services
  locate MSM APs and connected clients

Warranty and support

• Electronic and telephone support
  limited electronic and telephone support is available from HP; to reach our support centers, refer to www.hp.com/networking/contact-support; for details on the duration of support provided with your product purchase, refer to www.hp.com/networking/warrantysummary

• Software releases
  to find software for your product, refer to www.hp.com/networking/support; for details on the software releases available with your product purchase, refer to www.hp.com/networking/warrantysummary
## HP Intelligent Management Center Wireless Services Manager Software

### Specifications

<table>
<thead>
<tr>
<th>HP IMC WSM Software Module with 50-Access Point License (JF414A)</th>
<th>HP IMC Wireless Service Manager Software Module with 50-Access Point E-LTU (JF414AAE)</th>
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</thead>
<tbody>
<tr>
<td><strong>Physical characteristics</strong></td>
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<tr>
<td>7.50(w) x 5.28(d) x 0.31(h) in (19.05 x 13.41 x 0.79 cm)</td>
<td>3.0 GHz Intel® Pentium® III or equivalent processor</td>
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<tr>
<td>Weight</td>
<td>0.03 lb (0.01 kg)</td>
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<td>Minimum system hardware</td>
<td>4 GB RAM memory</td>
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<tr>
<td>3.0 GHz Intel® Pentium® III or equivalent processor</td>
<td>30 GB storage</td>
</tr>
<tr>
<td>10/100 Mbps NIC</td>
<td>3.0 GHz Intel® Pentium® III or equivalent processor</td>
</tr>
<tr>
<td>Recommended system hardware</td>
<td>4 GB RAM memory</td>
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<tr>
<td>8 GB RAM memory</td>
<td>30 GB storage</td>
</tr>
<tr>
<td>3.0 GHz Intel® Xeon® or Intel® Core™2 Duo processor or equivalent processor</td>
<td>10/100 Mbps NIC</td>
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<td>150 GB storage</td>
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<tr>
<td>Microsoft® Windows® Server 2003 Enterprise Edition SP2</td>
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<td>Browsers</td>
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<td>3-Year, 9x5 SW phone support, software updates (UV740E)</td>
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<tr>
<td>1-year, 24x7 software phone support, software updates (HR796E)</td>
<td>Refer to the HP website at <a href="http://www.hp.com/networking/services">www.hp.com/networking/services</a> for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.</td>
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<td>software phone support, software updates (HR795E)</td>
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HP Intelligent Management Center
Wireless Services Manager Software accessories

License
HP IMC Wireless Services Manager 50-Access Point License (JF415A)
HP IMC Wireless Services Manager 50-Access Point E-LTU (JF415AAE)
HP IMC Wireless Services Manager 100 Access Point License (JF416A)
HP IMC Wireless Services Manager 100-Access Point E-LTU (JF416AAE)
HP IMC Wireless Services Manager 200-Access Point License (JF417A)
HP IMC Wireless Services Manager 200-Access Point E-LTU (JF417AAE)
HP IMC Wireless Services Manager 500-Access Point License (JF418A)
HP IMC Wireless Services Manager 500-Access Point E-LTU (JF418AAE)
HP IMC Wireless Services Manager 1000 Access Point License (JF419A)
HP IMC Wireless Services Manager 1000-Access Point E-LTU (JF419AAE)
HP IMC Wireless Services Manager Components Location Service Package License (JG142A)
HP IMC Wireless Services Manager Components Location Service Package E-LTU (JG142AAE)

HP IMC Real Time Location System/Wireless Services Mgmt addl 50-node License (JG271A)
HP IMC Real Time Location System/Wireless Services Mgmt addl 50-node E-LTU (JG271AAE)
HP IMC Real Time Location System/Wireless Service Mgmt addl 500-node License (JG273A)
HP IMC Real Time Location System/Wireless Services Mgmt addl 500-node E-LTU (JG273AAE)
HP PCM+ Mobility Manager to IMC Wireless Service Manager Module Upgrade with 250 Access Point E-LTU (JG551AAE)