HP Intelligent Management Center Wireless Services Manager Software

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

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

Management

• **NEW WLAN device management**
  WSM support HP MSM series WLAN device, including controllers, FIT APs, and FAT APs.

• **WLAN device management**
  - Access controller list
  - Access controller detail information
  - Fit/Fat access point list
  - Fit/Fat access point detail information

• **NEW Wireless status view**
  WSM support display key information in one place. For controllers it maintains status on mobility activity, DHCP Server, VPNs, ports, VLANs, IPSec, and RADIUS. For APs, WSM 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, compare 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—AC 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 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 with 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.

• **NEW RF predictor**
  - Shows coverages so you can predict coverages before you buy or move APs.
  - Antennas shape direct signals—lets you play with antenna types and add in obstacles to plan for best performance.
  - Predicts best placement of APs based scale and obstacles you provide.
  - Send and save your RF plan using popular file formats.

• **Client management**
  Connection issues require information about your client: WSM tracks client connection history, and provides tops down (AP to client) and client to AP views to ease troubleshooting processes.

• **NEW Performance monitoring**
  WSM display 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 they are interested in.

• **WLAN reports**
  WSM supports abundant WLAN service reports, including AP statistics, radio statistics, client statistics, and traffic statistics

• **Wireless terminal trace display**
  The WSM 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 display local mesh neighborhood and local mesh link information.

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

• **Google Maps ™ integration**
  WSM supports 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.
## Specifications

**HP IMC WSM Software Module with 50-Access Point License (JF414A)**
**HP IMC Wireless Service Manager Software Module with 50-Access Point E-LTU (JF414AAE)**

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Details</th>
</tr>
</thead>
</table>
| Minimum system hardware | 3.0 GHz Intel® Pentium® III or equivalent processor  
4 GB RAM memory  
30 GB storage  
10/100 MB NIC |
| Recommended system hardware | 3.0 GHz Intel® Xeon® or Intel® Core™2 Duo processor or equivalent processor  
8 GB RAM memory  
150 GB storage  
1000 MB NIC |
| Recommended software    | Microsoft® Windows® Server 2003 Enterprise Edition SP2  
Microsoft® Windows® Server 2008 (32-bit or 64-bit) Standard or Enterprise Edition  
Microsoft® Windows® Server 2008 R2 (64-bit) Standard or Enterprise Edition |
| Browsers                | Microsoft Internet Explorer 6.0 or later  
Firefox 3.0 |
| Notes                   | It should be a standalone server that is not on the same server as the IMC platform. |
| Services                | 3-Year, 9x5 SW phone support, software updates (UV740E)  
3-year, 24x7 SW phone support, software updates (UV741E)  
1-year, 24x7 software phone support, software updates (HR796E)  
software phone support, software updates (HR795E) |
|                         | Refer to the HP website at hp.com/networking/services 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. |
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 Services Mgmt addl 500-node E-LTU (JG273AAE)

To learn more, visit hp.com/networking