

Mobility Services Platform (MSP)

SOFTWARE

Unified Management for Mobile Devices and Wireless Infrastructure

Symbol's Mobility Services Platform (MSP) provides an unprecedented single point of visibility into – and control over – the mobile enterprise. Until now, managing the wireless network infrastructure, mobile computers and data capture devices was a challenge. With MSP, customers rapidly deploy new mobile devices, upgrade existing devices, monitor health and performance, and quickly isolate and troubleshoot faults.

The MSP is a scalable hardware and software enterprise management solution. It is comprised of the MSP Console, a Web-based user interface; the MSP Appliance, a rack-mounted computer with preconfigured software; MSP Agents, mobile device resident software components; and standards-based management protocols. The MSP Agents collect monitoring information such as battery level, network statistics, CPU utilization and configuration information from mobile devices and deliver this information to the MSP Appliance. Additionally, the MSP Appliance communicates with wireless infrastructure elements such as access points and wireless switches through wireless network management protocol (WNMP) and SNMP.

The MSP Appliance is available in two versions: MSP Lite and MSP Enterprise. MSP Lite is designed for deployment at remote sites such as regional offices, distribution centers or stores. MSP Enterprise is ideal for centralized sites such as network operations centers (NOCs). MSP Enterprise is also used to communicate with multiple MSP Lites to create a robust, scalable architecture.

Rapid Deployment

MSP enables customers to rapidly rollout mobile devices and wireless infrastructure elements throughout the enterprise, reducing typical deployment times from months to weeks. MSP provides out-of-the-box provisioning and configuration of mobile devices in addition to automated, template-driven configuration of wireless infrastructure elements.

Mobile Application Management

MSP substantially reduces the cost to manage mission-critical applications that are running on mobile computers and data capture devices. For example, MSP can simultaneously provision applications or updates to multiple devices. An administrator can centrally monitor a mission-critical application's performance, plus CPU and memory utilization on individual or groups of mobile devices.



FEATURES

Association tree of all mobile devices, wireless infrastructure switches and access points

Device health monitor includes network and RF status, battery level, CPU usage, device identity and more

MSP Console for centralized, policy-based provisioning of mobile devices

Automatic download, installation and configuration of new devices through easy-to-use bar code scanning

Mobility management information and status reporting and charting

Remote Control Agent enables troubleshooting and control of devices

BENEFITS

Provides deep visibility of all mobile assets for inventory management and planning

Dramatically reduces downtime and improves preventive maintenance

Lowers administrative costs and increases ease of management

Reduces rollout time of new devices from months to weeks for rapid deployments

Delivers easy-to-read graphical representation of network statistics and device health

Offers complete centralized control of mobile devices to reduce management time and effort

Asset Management, Performance Monitoring, and Troubleshooting

MSP provides full visibility and operational manageability of the entire mobile enterprise. Features include asset management, health and performance monitoring, charting and reporting, policy-based alerting, CPU utilization and software inventory. Historical charts and reports allow administrators to triage problems. Once a problem is isolated, MSP provides tools to resolve it, including the ability to remotely view, control and fine-tune a mobile device, view and modify the configuration of a network element, and lock-down a mobile device.

For more information, contact us at +1.800.722.6234 or +1.631.738.2400, or visit us on the web at www.symbol.com/msp.

Full Professional Services and Customer Support

Symbol offers a range of services designed to meet the full needs of customers from planning through ongoing service and support. Through MSP implementation services, Symbol's top mobility systems experts work with customers for analysis and design, pilot implementation and rollout support. In addition, Symbol provides a complete, tiered support plan for MSP hardware and software.

MSP Specification Highlights

	MSP Enterprise	MSP Lite
Maximum number of mobile devices:	2,000	250
Maximum number of access points and switches:	2,000 access points OR up to 1,000 pairs of wireless switches	250 access points OR up to 125 pairs of wireless switches
Number of subsidiary MSP Lites that can be managed:	15	N/A
CPU:	Dual CPU	Single CPU
OS:	Linux	Linux
Processor:	Two 2.8 GHz Intel® Xeon™	One 2.8 GHz Intel® Xeon™
Memory:	2GB SDRAM	1GB SDRAM
Hard drive:	Dual mirrored 73.4 GB (RAID 1)	Dual mirrored 36.4 GB (RAID 1)
Ethernet ports:	Dual Gigabit 10/100/1000	Dual Gigabit 10/100/1000
Rack units:	2	1
Devices supported:	See MSP section on http://devzone.symbol.com/ for a list of supported MSA	

About Symbol Technologies

Symbol Technologies, Inc., The Enterprise Mobility Company™, delivers solutions that capture, move and manage information in real time, from the point of activity to the point of decision. Symbol solutions integrate advanced data capture technology, ruggedized mobile computers, wireless infrastructure, enabling software and high-ROI applications from our business partners and Symbol Enterprise Mobility Services. Symbol enterprise mobility solutions increase business productivity and velocity, reduce costs and realize competitive advantage for the world's leading retailers, transportation and logistics companies and manufacturers as well as government agencies and providers of healthcare, hospitality and security. More information is available at www.symbol.com.



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