



## Bringing True Mobility to Small- and Medium-Size Organizations

### UNIVERGE® WL5050 MPS WLAN Controller

UNIVERGE® Assured Mobility™ is NEC's newest-generation wireless LAN (WLAN) communications solution that makes true mobility a reality.

Wireless Optimized Architecture™ (WOA) is the power behind Assured Mobility. It optimizes the mobility experience with high-quality voice, e-mail and instant communications, real-time multimedia and data along with many advanced, productivity-boosting solutions.

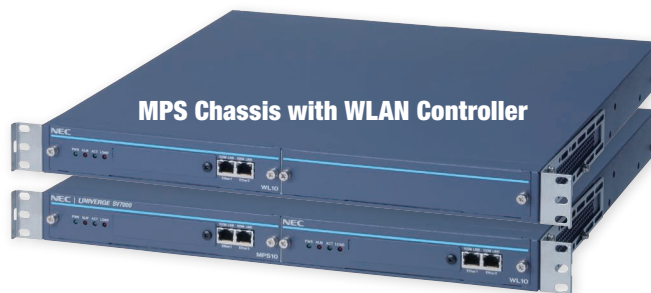
The UNIVERGE SV7000 Multiple Purpose System (MPS) brings all the benefits of a pure Internet Protocol converged voice-data network to the small-and-medium-size (SMB) market. Among those benefits: lower cost, faster implementation, lower cost-of-ownership, and less maintenance.

Finally, you can have true mobility. You can now carry one dual-mode phone that operates on your organization's WLAN and seamlessly transition between access points while you are on campus and then to cellular networks when you are off premises—without dropping your call, without even giving you a hint that you have gone from one mode to the other.

Extend the trusted applications and functions of the UNIVERGE platform to a mobile environment without affecting standard telephony features. You will enjoy all the benefits of a wireless pure IP system—just like a large enterprise.

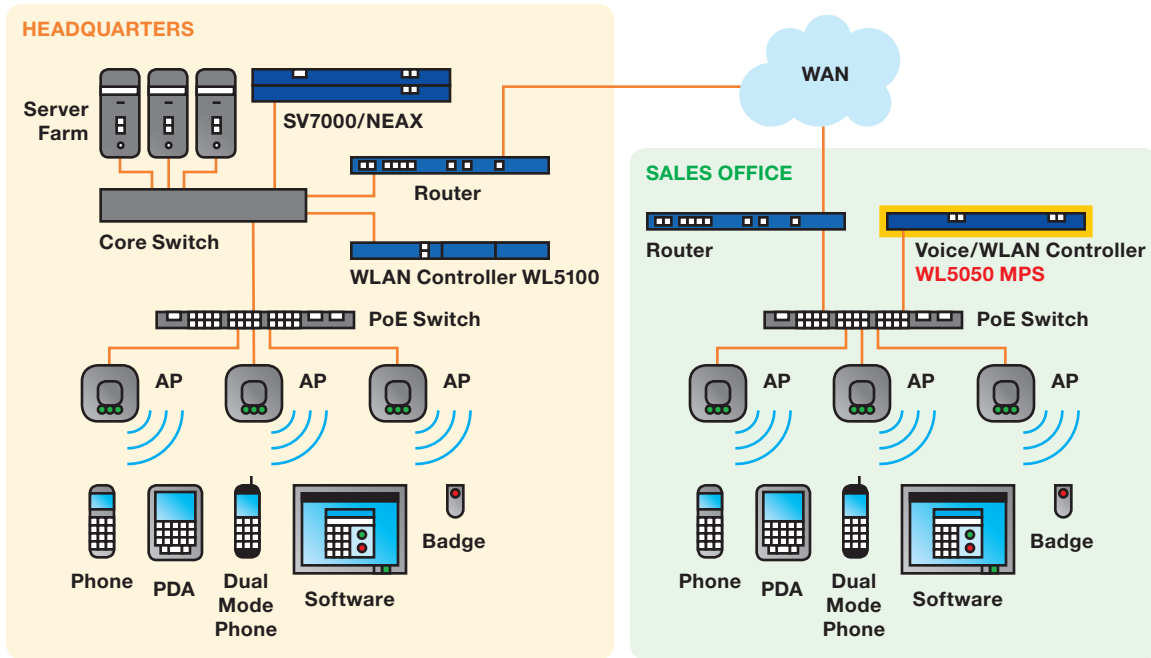


**WLAN MPS Controller Card**



**SV7000 MPS Voice and WLAN**

## WL5050 MPS-based Controller



The UNIVERGE WL5050 MPS slides into an SV7000 MPS chassis and makes your UNIVERGE SV7000 MPS wireless. The card is a fully featured WLAN controller based on NEC's WOA architecture for Assured Mobility. It provides wireless voice communication with centralized management, deployment and maintenance. While managing users' identities as they roam, the UNIVERGE WL5050 system controls media packets by intelligently forwarding them directly between Access Points (APs) while forwarding management packets to the new UNIVERGE WL5050 Controller. As a result, mobility and security are optimized and enforced.

## Specifications

### WL5050 MPS WLAN Controller

<b>Controllable APs</b>	12
<b>AP Control Mode</b>	Appliance Mode
<b>Physical Port</b>	1-port 10/100BASE-TX
<b>L2 Security</b>	IEEE 802.1X (EAP-TLS/TTLS/PEAP[MS-CHAPv2]/MD5), MAC Filtering, WEP (64/128bit), WPA (TKIP), <sup>1</sup> WPA2 (AES/TKIP) <sup>1</sup>
<b>L3 Security</b>	Web Authentication
<b>Other Security</b>	Access Control List (ACL), Rogue AP Detection/Containment, Wireless IDS, Blacklisting
<b>QoS</b>	WMM, IEEE 802.1p DSCP Voice Packet Prioritization, <sup>2</sup> CAC (Bandwidth Control) <sup>2</sup>
<b>Other Features</b>	Load Balancing, Inter-subnet Handoff, Fast Handoff <sup>2</sup>
<b>Management</b>	GUI (HTTPS), CLI (Local Console, Telnet, SSH)
<b>Input Power</b>	100-240VAC; 50/60Hz
<b>Environmental</b>	Same as UNIVERGE SV7000MPS
<b>Physical</b>	Depends on outer shelf of UNIVERGE SV7000MPS

<sup>1</sup> Supports both "Enterprise Mode" using IEEE 802.1X and "Personal Mode" using Pre-Shared Key.

<sup>2</sup> Supported only with NEC's handsets and voice terminals.

Empowered by Innovation



For more information, visit [necunified.com/wlan](http://necunified.com/wlan).

**About NEC Unified Solutions, Inc.** NEC Unified Solutions Inc., a global leader in VoIP and data communications for the enterprise and small-medium business, delivers the industry's most innovative suite of products, applications and services that help customers achieve business value through technology. NEC Unified Solutions, a wholly owned subsidiary of NEC Corporation of America, offers a complete portfolio of solutions for wireless, unified communications, voice, data and management services, and an open migration path to protect investments. NEC Unified Solutions, Inc. serves Fortune 1000 customers across the globe in vertical markets such as hospitality, education, government and healthcare.

188442 | v.4.15.07

© 2007 NEC Corporation. All rights reserved. NEC, NEC logo, UNIVERGE and Wireless Optimized architecture (WOA) are trademarks or registered trademarks of NEC Corporation that may be registered in Japan and other jurisdictions. All trademarks identified with ® or ™ are registered trademarks or trademarks respectively. Models may vary for each country. Please refer to your local NEC representatives for further details.