



Bulletin No. 150_WIM

October 27, 2006

OfficeServ 7200 WIM Data Server Version 1.24

Samsung Telecommunications America is pleased to announce the general availability of the OfficeServ 7200 WIM Data Server Version 1.24. All WIM Data Servers being shipped from Samsung on or after November 1, 2006 will be equipped with the 1.24 version. The primary reason for this change is to make the OS 7200 WIM Data Server consistent with the look and feel of the OS7400 GWIM, GSIM, and GPLIM Data Modules.

The 1.24 WIM Data Server has software and hardware modifications that will be discussed in this bulletin. Several bugs have been fixed with the new Operating system that WIM version 1.24 uses. These fixes will be discussed in this bulletin as well.

Software Change

The original 1.12 WIM Data Server uses Linux 2.4.12 software as its Operating System. The 1.24 WIM Data Server employs Linux ZebOS® 7.2.9e0 software as its Operating System. ZebOS® is a more scalable, robust, and standards-based Layer 2 and Layer 3 carrier-class routing and switching software solution.

Using ZebOS® the OS 7200 WIM Data Server transmits and receives data to and from Local Area Networks (LAN), Wide Area Networks (WAN), and The Internet. It provides three 10/100 RJ-45 interfaces and one 10 Base-T RJ-45 interface which may be used for either WAN or LAN connectivity. In addition there is one V.35 serial connection for T1 or frame relay circuit. Only one WIM Data Server can be installed per OS 7200 cabinet. The WIM Data Server must be installed in slot 1 of the OS 7200 cabinet.

The LIM or PLIM Data Switch Module may still be connected to the WIM Data Server via the system backplane. For the LIM or PLIM to be managed by the WIM Data Server it must be installed in slot 2 with the WIM in slot 1. There can only be one managed LIM or PLIM per OS 7200 cabinet.

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Hardware Changes

There are (2) hardware modifications to the WIM 1.24 Data Server. A new Boot-Rom chip is required to run the 1.24 WIM software. Second the silk screening of the faceplate to the WIM Module has been changed. The ZebOS® software names the RJ-45 WAN and LAN Interfaces Ethernet 0, Ethernet 1, Ethernet 2, and Ethernet 3. The new silk screen designates these Interfaces as P1, P2, P3, and P4.



OLD FACEPLATE



NEW FACEPLATE

Bug Fixes

In addition to the new hardware and software WIM version 1.24 also includes the following fixes.

DHCP Issues:

1. The DHCP server would go down if an incorrect parameter was set in the WIM.
2. DHCP would not run if the DNS address was set incorrectly.
3. WAN Interfaces set as DHCP would not be able to connect to The Internet.

IPSec:

It was not possible to program IPSec using the Serial Interface. This has been addressed and is no longer an issue.

Data Server:

The WEB manager would stop functioning periodically. This has been addressed and is no longer an issue.

If any customer site is experiencing one or more of these issues please contact Samsung Technical Support (1-800-737-7008) to receive an upgraded 1.24 WIM Data Server.

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Documentation

The latest 1.24 WIM documentation can be located on Samsung's GSBN WEB site www.samsunggsbn.com.

If there are any questions regarding this notice or on any of the WIM documentation please contact your Regional Sales Manager or Samsung Technical Support Representative via email at BCS.Support@samsung.com.