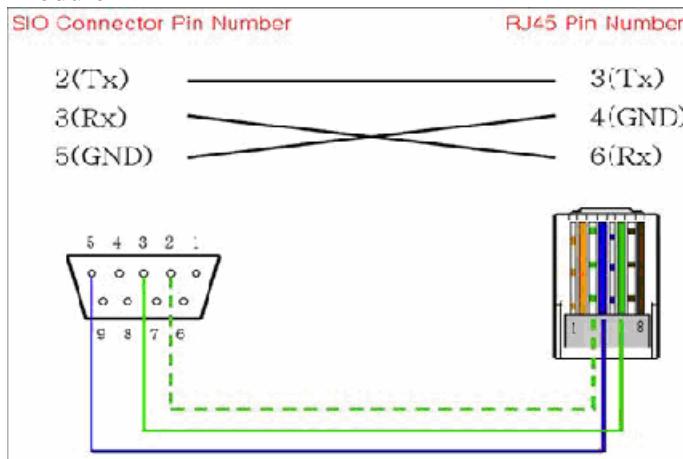


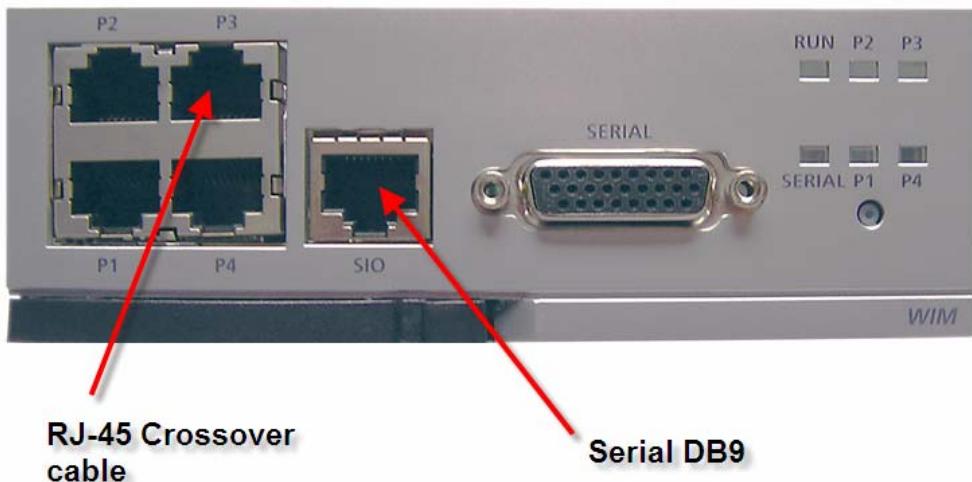
In order to upgrade a WIM to version 1.28 it must already be version 1.24 or higher. Any version that predates 1.24 can not be upgraded in the field because it requires a different Boot-Rom version.

What you will need to perform the upgrade:

1. (1) RJ-45-to-DB9 serial cable to connect a PC to the SIO port of the WIM Module



2. (1) Reversed Ethernet cable to connect a PC to one of the Ethernet ports of the WIM Module
3. The WIM v1.28 upgrade files (downloaded from the GSBN website or via Technical Support)



1. Verify Boot Loader Version:
 - a. Connect the DB9 cable to the SIO port of the WIM Module and a PC. Launch HyperTerminal (or other Telnet client using the following settings. Bits per second=19200; Data Bits=8; Parity=None; Stop Bits=1; Flow Control=None)
 - b. Power up the WIM Module. The following will be displayed. When Prompted press 'd' or 'D' to stop the auto boot.

```
CPU: MPC8260 (HiP4 Rev 14, Mask C.0 5K25A) at 297 MHz
Board: WIM v1.24
I2C: ready
DRAM: 256 MB
Now running in RAM - Memory Address is 0x0ffc0000
FLASH: 32 MB
Net: FCC1 ETHERNET

Hit 'd' or 'D' key to stop autoboot : 0
```

 - c. Once 'd' or 'D' is pressed then the WIM Module will enter Boot Loader Mode. This is determined by a **WIM =>** prompt
 - d. At the **WIM =>** type in **ver <enter>**
 - e. The version of boot loader will be displayed
 - f. If the boot loader is v1.24 reboot the WIM and proceed to step 2. If it predates v1.24 contact Samsung Technical Support for assistance
 2. Connect the RJ-45 reverse cable to any of the Ethernet ports of the WIM module (caution: P4 is only 10MB so the upgrade will take much longer if you use it) and to the PC performing the upgrade. Put the pc on the same subnet as the Ethernet port (IP address default values are: P1 = <https://10.0.0.1> ; P2 = <https://10.0.1.1> ; P3 = <http://10.0.2.1> ; P4 = <https://10.0.3.1>)
 3. Log into WIM (User ID = **admin**; Password = **admin** unless changed by customer) and navigate to the **[System] → [Upgrade]** submenu and enter the new version number.
- ## Select Package Upgraded
- | Package Version | Current Version | Released Date | Upgraded Date |
|-----------------|-----------------|---------------|---------------|
| v1.28 | v1.27 | 2007.01.27 | 2004.11.30 |
4. Select upgrade method: The (2) upgrade methods shown in this guide are Local and TFTP
 - a. **Local:** requires the **wim-pkg-v1.28.tgz** file (Located within the **WIM 1.28.zip** file obtained from the GSBN website or Technical Support).

Copy the **wim-pkg-v1.28.tgz** file to the PC doing the upgrade. Select the Local radio button and then click the browse button to locate the file. Once the file is highlighted click the OK button to start the upgrade process.

Select Upgrade Method

Upgrade Method	Upgrade Server IP
<input type="radio"/> TFTP	<input type="text"/> . <input type="text"/> . <input type="text"/> . <input type="text"/>
<input type="radio"/> HTTP	
<input checked="" type="radio"/> Local	<input type="text" value="C:\wim-pkg-v1.27.tgz"/> <input type="button" value="Browse..."/>

- b. **TFTP:** requires **wim-pkg-v1.28.tgz** and **wim-pkg-v1.28.tgz.sum** files (Located within the **WIM 1.28.zip** file obtained from the GSBN website or Technical Support). Copy the **wim-pkg-v1.28.tgz** and **wim-pkg-v1.28.tgz.sum** files to the TFTP server running on the PC doing the upgrade. Select the TFTP radio button and then enter the IP address of the TFTP server (this will be the IP address of the PC doing the upgrade) and then click the OK button to start the upgrade process.

Select Upgrade Method

Upgrade Method	Upgrade Server IP
<input checked="" type="radio"/> TFTP	<input type="text" value="10"/> . <input type="text" value="0"/> . <input type="text" value="2"/> . <input type="text" value="5"/>
<input type="radio"/> HTTP	
<input type="radio"/> Local	<input type="text"/> <input type="button" value="Browse..."/>

Note: If the IDS service is running it must be halted before the upgrade can proceed

The following window will appear just before the upgrade process begins. Press the OK button to proceed with the upgrade.



5. Once the upgrade procedure begins the following will be displayed

Package Upgrade



6. Once the upgrade procedure has completed the WIM will automatically reboot and send the user to the Main log in screen. Wait until the WIM is fully rebooted before trying to log in again.
7. Once you are logged back into the WIM verify that the unit was successfully upgraded to v1.28. Go to the [System] → [Upgrade] submenu. The following should be displayed.

Select Package Upgraded

Package Version	Current Version	Released Date	Upgraded Date
	v1.28	2007.03.16	2004.11.30

8. Once the upgrade procedure has been verified please default the WIM 1.28
 - a. From Serial:
 - i. Log into WIM 1.28
 - ii. At the **OS7200-WIM>** prompt type **enable <enter>**
 - iii. At the **OS7200-WIM#** prompt type **ar d d <enter>**
 - b. From Web GUI:
 - i. Navigate to the [System] → [DB Config] submenu and click the Default radio button. Then click the OK button to default the WIM

Configuration System DB

Select	Type	Description
<input type="radio"/>	Import	<input type="text"/> <input type="button" value="Browse..."/>
<input type="radio"/>	Export	Export the current system db.
<input checked="" type="radio"/>	Default	Change the current system db to default system db.

9. Once the WIM is defaulted the following IP address settings are applied to the Ethernet ports.

- a. P1 = 10.0.0.1
- b. P2 = 10.0.1.1
- c. P3 = 10.0.2.1
- d. P4 = 10.0.3.1

10. Make sure all the Ethernet interfaces can be pinged from the pc
WIM v1.28 Upgrade Verified and Tested