



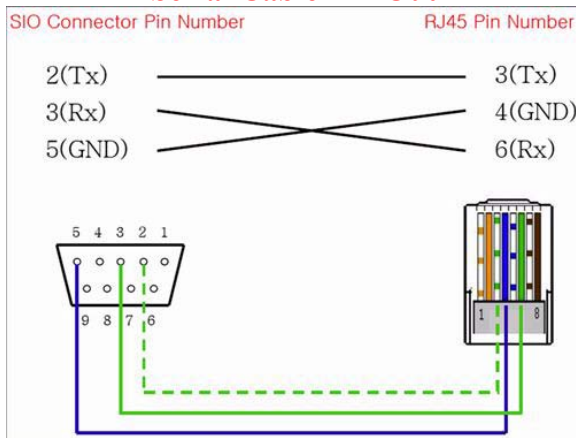
GWIMT/GWIM, GSIMT/GSIM, GPLIMT/GPLIM 1.32 Upgrade Guide

In order to upgrade the GWIMT/GWIM, GSIMT/GSIM, or GPLIMT/GPLIM Data Modules to version 1.32 they must already be version 1.29 or higher. Any version that predates 1.29 can not be upgraded in the field because it requires a different Boot-Rom version.

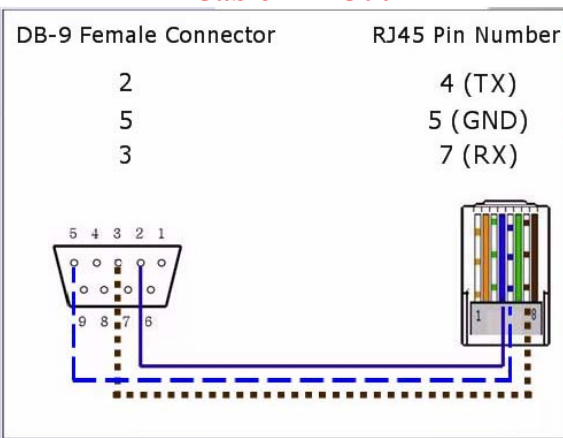
What you will need to perform the upgrade:

1. (1) RJ-45-to-DB9 serial cable to connect a PC to the SIO port of the GWIMT/GWIM and GSIMT/GSIM, and port 12 of the GPLIMT/GPLIM Module (Note: the GPLIMT/GPLIM serial cable requires a different pin out than the GWIMT/GWIM and GSIMT/GSIM. See below)

GWIMT/GWIM and GSIMT/GSIM Serial Cable Pin-Out



GPLIMT/GPLIM Serial Cable Pin-Out



2. (1) Straight or Reversed Ethernet cable to connect a PC to an RJ-45 port on the Data Module being upgraded
3. The v1.32 upgrade files (downloaded from the GSBN website or via Technical Support)

Verification Procedures:

1. Verify Boot Loader Version:
 - a. Connect the DB9 cable to the SIO port of the Data 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 GWIMT/GWIM, GSIMT/GSIM, or GPLIMT/GPLIM Module. When Prompted press 'd' or 'D' to stop the auto boot.
- c. Once 'd' or 'D' is pressed then the Data Module will enter Boot Loader Mode. This is determined by a **GWIM =>** prompt, **GPLIM =>** prompt, or **=>** prompt
- d. At the boot loader prompt type in **ver** <enter>
- e. The version of boot loader will be displayed
- f. If the boot loader is v1.29 proceed to step 2. If it predates v1.29 then replace the boot-rom chip to 1.29 (if you are unsure how to get a 1.29 boot-rom chip contact Samsung Technical Support for assistance)
- g. When you are done verifying the boot-rom version type in **boot** <enter>

GWIMT/GWIM Upgrade

1. Connect the RJ-45 cable to any Ethernet port of the GWIMT module and to the PC performing the upgrade (For the GWIM Upgrade the unit must be connected to a GPLIM via Giga cable and the pc plugged into a port on the GPLIM). Put the pc on the same subnet as the GWIMT/GWIM port (default value of P1 is https://10.0.0.1; P2 is https://10.0.1.1; https://P3 is 10.0.2.1)
2. Log into GWIMT/GWIM (User ID = **admin**; Password = **root** 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
v1.32	v1.31	2007.01.27	2005.7.17

3. Select upgrade method: The (2) upgrade methods shown in this guide are Local and TFTP
 - a. **Local:** requires the **gwim-pkg-v1.32.tgz** file (Located within the **GWIM 1.32.zip** file obtained from the GSBN website or Technical Support). Copy the **gwim-pkg-v1.27.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
☒ TFTP	. . .
☐ HTTP	
☐ Local	C:\gwim-pkg-v1.32.tgz Browse...

- b. **TFTP**: requires **gwim-pkg-v1.32.tgz** and **gwim-pkg-v1.32.tgz.sum** files (Located within the **GWIM 1.32.zip** file obtained from the GSBN website or Technical Support). Copy the **gwim-pkg-v1.27.tgz** and **gwim-pkg-v1.27.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
☒ TFTP	10 . 0 . 2 . 5
☐ HTTP	
☐ Local	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.



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

Package Upgrade

DataServer Package Uploading

5. Once the upgrade procedure has completed the GWIMT/GWIM 1.32 will reboot automatically and return you to the login screen. Wait for the reboot to finish and then log back in to verify that the GWIMT/GWIM successfully upgraded.
6. Go to the **[System] → [Upgrade]** submenu. The following should be displayed.

Package Version	Current Version	Released Date	Upgraded Date
	v1.32	2007.03.17	2005.7.17

7. Now the GWIMT/GWIM must be defaulted because of the major changes made to the database.
 - a. Defaulting via From Serial:
 - i. Log into GWIMT/GWIM 1.32
 - ii. At the **OS7400-GWIM>** prompt type **enable** <enter>
 - iii. At the **OS7400-GWIM#** prompt type **ar d d** <enter>
 - b. Defaulting via Web GUI:
 - i. Navigate to the **[System] → [DB Config]** submenu and click the Default radio button. Then click the OK button to default the GWIMT/GWIM

Configuration System DB

Select	Type	Description
☐	Import	Browse...
☐	Export	Export the current system db.
☒	Default	Change the current system db to default system db.

8. Once the GWIMT/GWIM is defaulted the following IP address settings are applied to the Ethernet ports. Please verify that each one can be pinged.
 - a. P1 = 10.0.0.1
 - b. P2 = 10.0.1.1
 - c. P3 = 10.0.2.1

GWIMT/GWIM Upgrade to v1.32 Verified and Tested.

GSIMT/GSIM Upgrade

1. Connect the RJ-45 cable to any Ethernet port of the GSIMT module and to the PC performing the upgrade (For the GSIM Upgrade the unit must be connected to a GPLIM via Giga cable and the pc plugged into the GPLIM).. Put the pc on the same subnet as the GSIMT/GSIM Management IP address (default value of management IP is https://10.0.3.1)
2. Log into GSIMT/GSIM (User ID = **admin**; Password = **root** 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
v1.32	v1.31	2007.01.27	2005.7.17

3. Select upgrade method: The (2) upgrade methods shown in this guide are Local and TFTP
 - a. **Local:** requires the **gsim-pkg-v1.32.tgz** file (Located within the **GSIM 1.32.zip** file obtained from the GSBN website or Technical Support). Copy the **gsim-pkg-v1.27.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
☒ TFTP	. . .
☐ HTTP	
☐ Local	C:\gsim-pkg-v1.32.tgz Browse...

- b. **TFTP**: requires [gsim-pkg-v1.32.tgz](#) and [gsim-pkg-v1.32.tgz.sum](#) files (Located within the **GSIM 1.32.zip** file obtained from the GSBN website or Technical Support). Copy the [gsim-pkg-v1.27.tgz](#) and [gsim-pkg-v1.27.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
☒ TFTP	10 . 0 . 2 . 5
☐ HTTP	
☐ Local	Browse...

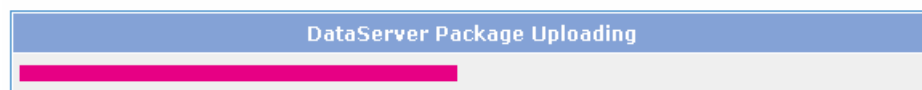
OK

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



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

Package Upgrade



5. Once the upgrade procedure has completed the GSIMT/GSIM 1.32 will reboot automatically and return you to the login screen. Wait for the reboot to finish and then log back in to verify that the GSIMT/GSIM successfully upgraded.
6. Go to the **[System] → [Upgrade]** submenu. The following should be displayed.

Package Version	Current Version	Released Date	Upgraded Date
	v1.32	2007.03.17	2005.7.17

7. Now the GSIMT/GSIM must be defaulted because of the major changes made to the database.
 - a. From Serial:
 - i. Log into GSIMT/GSIM 1.32
 - ii. At the **OS7400-GSIM>** prompt type **enable** <enter>
 - iii. At the **OS7400-GSIM#** 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
☐	Import	Browse...
☐	Export	Export the current system db.
☒	Default	Change the current system db to default system db.

8. Once the GSIMT/GSIM is defaulted the following Management IP address setting is applied (<https://10.0.3.1>). Please verify that it can be pinged.

GSIMT/GSIM Upgrade to v1.32 Verified and Tested.

GPLIMT/GPLIM Upgrade

1. Connect the RJ-45 cable to any Ethernet port of the GPLIMT/GPLIM module and to the PC performing the upgrade. Put the pc on the same subnet as the GPLIMT/GPLIM Management IP address (default value of Management IP is <https://10.0.4.1>)
2. Log into GPLIMT/GPLIM (User ID = **admin**; Password = **root** 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
v1.32	v1.31	2007.01.27	2005.7.17

3. Select upgrade method: The (2) upgrade methods shown in this guide are Local and TFTP
 - a. **Local:** requires the **gplim-pkg-v1.32.tgz** file (Located within the **GPLIM 1.32.zip** file obtained from the GSBN website or Technical Support). Copy the **gplim-pkg-v1.27.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
☐ TFTP	. . .
☐ HTTP	
☒ Local	
	C:\gplim-pkg-v1.32.tgz Browse...
OK	

- b. **TFTP:** requires **gplim-pkg-v1.32.tgz** and **gplim-pkg-v1.32.tgz.sum** files (Located within the **GPLIM 1.32.zip** file obtained from the GSBN website or Technical Support). Copy the **gplim-pkg-v1.27.tgz** and **gplim-pkg-v1.27.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.

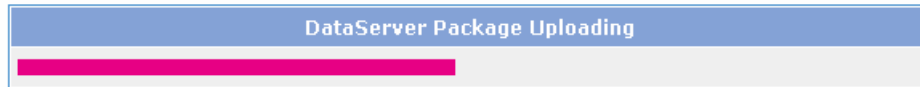
Select Upgrade Method

Upgrade Method	Upgrade Server IP
☒ TFTP	10 . 0 . 2 . 5
☐ HTTP	
☐ Local	
	Browse...
OK	

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



4. Once the upgrade procedure begins the following will be displayed
Package Upgrade



5. Once the upgrade procedure has completed the GPLIMIT/GPLIM 1.32 will reboot automatically and return you to the login screen. Wait for the reboot to finish and then log back in to verify that the GPLIMIT/GPLIM successfully upgraded to version 1.32
6. Go to the **[System] → [Upgrade]** submenu. The following should be displayed.

Package Version	Current Version	Released Date	Upgraded Date
	v1.32	2007.03.17	2005.7.17

7. Now the GPLIMIT/GPLIM must be defaulted because of the major changes made to the database.
 - a. From Serial:
 - i. Log into GPLIMIT/GPLIM 1.32
 - ii. At the **OS7400-GPLIM>** prompt type **enable** <enter>
 - iii. At the **OS7400-GPLIM#** 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
☐	Import	Browse...
☐	Export	Export the current system db.
☒	Default	Change the current system db to default system db.

8. Once the GPLIMT/GPLIM is defaulted the following Management IP address setting is applied (<https://10.0.4.1>). Please verify that it can be pinged.

GPLIMT/GPLIM Upgrade to v1.32 Verified and Tested.