

Bulletin No. 160_OS7400_T-Series

May 3, 2007

New Product Announcement

OfficeServ 7400 T-Series Data Modules V.1.32

Samsung Telecommunications America is pleased to announce the general availability of the OfficeServ 7400 T-Series Data Modules with Version 1.32 software. The new units may be ordered from Samsung on or after 5-7-07.

The new GWIMT, GPLIMT, and GSIMT modules have RJ-45 interface ports instead of the SFP GE cages found on the GWIM, GPLIM, and GSIM Data Modules. The RJ-45 ports are 10/100/1000-TX instead of 1000 LS/LX/TX. This eliminates the need to purchase expensive Giga Bit connectors or cables in order to connect to other networking or switching devices. The designation 'T' indicates that there are twisted pair Ethernet connections for the P1, P2, and P3 LAN/WAN Interfaces.

The GWIMT is replacing the GWIM as the OS 7400 router, the GPLIMT is replacing the GPLIM Layer 2 switch, and the GSIMT is replacing the GSIM Layer 2/3 Core switch.

The GWIMT, GPLIMT, and GSIMT version 1.32 Data Modules have both software and hardware modifications that will be discussed in this bulletin. Several bugs have been fixed with the new software. These fixes will be discussed in this bulletin as well.

NEW HARDWARE



GWIMT changes: The SFP cages found on the GWIM model router has been replaced with RJ-45 connectors which support 10/100/1000 Base-TX connectivity. The SIO port has been

Samsung Telecommunications America
Business Communication Systems
1301 East Lookout Drive
Richardson, TX 75082

OfficeServ 7400 T-Series Data Modules V.1.32

relocated to be grouped with the Ethernet Interfaces. These changes were implemented due to customers' continued requests for RJ-45 10/100/1000 Base-TX interfaces.



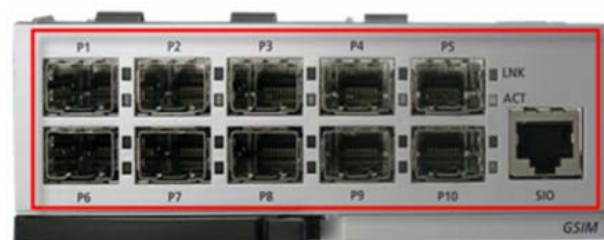
Old GPLIM Faceplate

OLD

New GPLIMT Faceplate

NEW

GPLIMT changes: The SFP cages found on the GPLIM model router has been replaced with RJ-45 connectors which support 10/100/1000 Base-TX connectivity. This change was implemented due to customers' continued requests for RJ-45 10/100/1000 Base-TX Ethernet ports.



Old GSIM Faceplate

OLD

New GSLIMT Faceplate

NEW

GSIMT changes: The SFP cages found on the GSIM model router has been replaced with RJ-45 connectors which support 10/100/1000 Base-TX connectivity. The Ethernet port count has been increased from 10 (GSIM) to 12 (GSLIMT). The SIO port has been moved up and a debugging port named DBL has been added. These changes were implemented due to customers' continued requests for RJ-45 10/100/1000 Base-TX Ethernet ports.

Note: If a point-to-point fiber connection is required then RJ-45 to fiber converters may be used to complete the connection to any of the T-Series Data Modules.

OfficeServ 7400 T-Series Data Modules V.1.32

T-Series Data Modules Comparison

Cart Type	Port Total	Fast Ethernet (FE)		Giga Ethernet (GE)	
		Interface	Plug	Interface	Plug
GWIM	3GE	None	n/a	1000 Base-TX/LX/SX	SFP Cage
GWIMT	3GE	None	n/a	10/100/1000 Base-TX	RJ-45
GSIM	10GE	None	n/a	1000 Base-TX/LX/SX	SFP Cage
GSIMT	12GE	None	n/a	10/100/1000 Base-TX	RJ-45
GPLIM	12FE 2GE	10/100 Base-TX	RJ-45	1000 Base-TX/LX/SX	SFP Cage
GPLIMT	12FE 2GE	10/100 Base-TX	RJ-45	10/100/1000 Base-TX	RJ-45

NEW SOFTWARE ENHANCEMENTS

The following Data Module enhancements have been implemented with the v1.32 software.

- IDS Snort rules set can be automatically updated from the Samsung IDS server.
- The traceroute utility has been added using the CLI interface.
- A Web Access Time Out value has been added to the Administrator Configuration submenu.
- The Super User root login ID can no longer connect to the GWIMT/GSIMT/GPLIMT via IP Telnet or SSH anymore. This must be done on the local SIO port exclusively.
- VoIP Service now forwards TCP ports 5080 and 5081 to the MP40 to accommodate WEB MMC

UPGRADING ORIGINAL DATA MODULES

In order to take advantage of the software enhancements and bug fixes the new 1.32 software may be installed on the original GWIM, GPLIM, and GSIM Data Modules as long as they are already version 1.29. If the Data Module's software version predates 1.29 (ie 1.25) then a Boot Rom upgrade is required as well.

*If a Data Module is upgraded to version 1.32 then the unit must be defaulted and reprogrammed.

OfficeServ 7400 T-Series Data Modules V.1.32

BUG FIXES

In addition to the new hardware and software enhancements the 1.32 software includes the following bug fixes.

- The problem where the configuration of the SIP-ALG could not be saved when NAT was enabled has been fixed.
- SIP-ALG can now support port number 5061 and the dynamic learning feature has been added.
- The Login ID of the VPN and PPPoE accounts have been extended to 50 characters, and an email-ID can now be used as the login ID.
- The problem where the SIO port would stop working sporadically on the GWIMT/GWIM has been fixed.
- When the telnet port (23) is configured as blocked at the firewall then the telnet session with the GWIMT/GWIM will now be terminated.
- Alert messages regarding security will now be displayed in the browser correctly.
- Any alert messages requested that the Korean language be installed have been fixed.
- The problem with the status of L2TP being incorrectly displayed has been fixed.
- The problem with VoIP Service not working correctly when the WAN interface is set to be PPPoE has been fixed.
- The issue with selecting a WAN Interface for the VoIP Service in VoIP NAPT Management menu has been fixed
- The default mode of SNMP has been changed to disabled.
- The port mirroring feature in the GPLIM has been addressed.
- The issue where the IMI daemon would stop working when the WAN interface was set to DHCP has been fixed.
- The Gateway information in the Network Status submenu was sometimes incorrect has been addressed.

If any customer is experiencing one or more of these issues please contact Samsung Technical Support (1-800-737-7008) or log into the GSBN website to receive the 1.32 GWIMT/GPLIMT/GSIMT upgrade software and upgrade instructions.

If a customer site is experiencing one or more of these issues, and is unable to upgrade the Data Module in the field, then please contact Samsung Technical Support (1-800-737-7008) to receive an upgraded 1.32 unit.

Samsung Telecommunications America
Business Communication Systems
1301 East Lookout Drive
Richardson, TX 75082

OfficeServ 7400 T-Series Data Modules V.1.32

TRAINING

The OfficeServ 7000 Series Data Certification (Course number 3040-01-OL) will be available online starting 5-7-07. Data Certification is mandatory for anyone wishing to obtain technical support on any of the OfficeServ 7200 or OfficeServ 7400 Data Modules. In order to successfully register for this course students must first pass the OfficeServ 7000 Series Prerequisite Test.

OfficeServ 7000 Series Prerequisite Test

It is important for Samsung Telecommunication America to verify that students participating in our OfficeServ 7000 Data Certification Course have a certain level of IP knowledge and networking experience. Instead of requiring Net +, A+, CCNA, or an equivalent technical certification, we have designed our own prerequisite test (OfficeServ 7000 Series Prerequisite Test) to verify a student's technical knowledge and ability. Students are required to pass this test with a score of at least 75%. Students may register for the OfficeServ 7000 Series Prerequisite Test here <https://learn.samsungtelecom.com> starting 5-7-07. Once you have logged into the LMS system select the OfficeServ 7000 Series Data link under the Dealer Training section. Then select the OfficeServ 7000 Series Prerequisite Test.

DOCUMENTATION

The latest 1.32 Data Module 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 Data Module documentation please contact your Regional Sales Manager or Samsung Technical Support Representative via email at BCS.Support@samsung.com.