



Bulletin No.: 185_OS_500_v2_76

January 12, 2009

OfficeServ 500 Software Version 2.76a Release

Samsung Telecommunications is pleased to announce the general availability of software V2.76a-M and V2.76a-L for the OfficeServ 500 system.

Effective January 12, 2009 all OfficeServ 500 software shipping from our warehouse will be version 2.76a date code 11.27.08. This software version is available for download from the GSBN website (www.samsunggsbn.com) under Communication → Technical Support → Downloads → Released Software.

NEW HARDWARE

Samsung is adding the Common Resource Module (CRM) to the OfficeServ 500 product line. This multi-functional board provides various common resources that are shared throughout the system cabinets. The CRM can be used in place of the SCM, MFM and RCM daughter boards. This is the same CRM that is used on the OfficeServ 7400.

The CRM provides the following:

- Six (6) 5 party conference circuits (in all locations).
- Programmable DSPs can be programmed to function yielding the following combinations:
 1. Twelve (12) DTMF Receivers
 2. Fourteen (14) CID Receivers/Transmitters

These selections are made in MMC 827. This is a new MMC for the OfficeServ 500 system and is included in this document.

The tables on the following pages show the location and maximum number of CRM daughter boards that can be used in a one, two, or three cabinet systems.

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SINGLE CABINET SYSTEM

- M Version

Control Card	MCP2			Maximum
Daughter boards	LOC1	LOC2	LOC3	
ESM				-
SCM	Y	Y	Y	2
MFM	Y	Y	Y	2
RCM		Y		1
CRM	DTMF/CID	DTMF/CID		2
MISC			Y	1
Maximum	3 daughterboards may be installed in M Version			

- L Version

Control Cards	MCP2			SCP2			Maximum
Daughter boards	LOC1	LOC2	LOC3	LOC1	LOC2	LOC3	
ESM							
SCM				Y	Y	Y	1
MFM				Y	Y	Y	1
RCM						Y	1
CRM				DTMF/CID		DTMF/CID	2
MISC					Y		1

MULTIPLE CABINET SYSTEM

- Two Cabinets

Control Cards	MCP2			SCP2			LCP2			Maximum
Daughter boards	LOC1	LOC2	LOC3	LOC1	LOC2	LOC3	LOC1	LOC2	LOC3	
ESM	Y									Required
SCM				Y	Y	Y				1
MFM				Y	Y	Y	Y	Y	Y	2
RCM						Y			Y	2
CRM				DTMF CID		DTMF CID	DTMF CID		DTMF CID	4
MISC					Y			Y		2

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- Three Cabinets

Control Cards	MCP2			SCP2			LCP2			LCP2			Maximum
Daughter boards	LOC1	LOC2	LOC3	LOC1	LOC2	LOC3	LOC1	LOC2	LOC3	LOC1	LOC2	LOC3	
ESM	Y												Required
SCM				Y	Y	Y							1
MFM				Y	Y	Y	Y	Y	Y	Y	Y	Y	2
RCM						Y			Y			Y	3
CRM				DTMF CID		DTMF CID	DTMF CID		DTMF CID	DTMF CID		Y	6
MISC					Y			Y			Y		3
Maximum	1	1	10 daughter boards may be installed in OfficeServ 500 system										12

NEW ENGINE CHIP ON CABINET BACKPLANE

Due to supplier discontinuation the backplane on the OfficeServ 500 cabinet has a new engine chip. This new engine chip will be introduced on a running change basis. The OfficeServ 500 cabinets with the new engine chip will be available on a running change basis, beginning around end of January, 2009. All current OfficeServ 500 cards are compatible with this new engine chip.

To distinguish the cabinets with the new engine chip from cabinets with the old engine chip, a **blue label** will be applied on the unit carton and cabinet as indicated below.



NOTE: Version 2.76b is compatible with all OfficeServ 500 Release 2 cabinets.

Caution!
Hardware Requires
MP V2.76a ↑ SP 2.22 ↑

Cabinets with this engine chip require software version 2.76a to operate.

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Caution!
Hardware Requires
MP V2.76a ↑ SP 2.22 ↑

SOFTWARE COMPATIBILITY VERSION AND DATES

Product	Software Version					Production Date		
OfficeServ 500	V2.76a					11/06/2008		
	MCP2 M	MCP2 L	SCP2	TERPI	TEPRIa	MGI-3	MGI-16	OSM
Version	V2.76a	V2.76a	V2.22	V1.07	V4.25	V3.61	V1.24	V3.76
Date	11/6/08	11/6/08	11/6/08	11/27/04	11/27/08	10/10/06	11/27/08	10/16/08

BUG FIXES

- 1. Ring Plan Routing Issue with SVMi:** When using SPNet with Centralized SVMi, if the switch Ring Plan was changed causing incoming calls to ring in another node, SVMi message waiting lamp feature would not work. This has been fixed in V2.76a software.
- 2. 32 BUTTON ADD-ON MODULE:** On the OfficeServ 500 system, using the 32 button add-on module in the stand alone mode would not allow the user to press the ANS/RLS button to answer the call. This has been fixed in V2.76a software.

DOCUMENTATION

The OfficeServ 500 Technical Manual will be revised to include these changes and will be available on GSBN for download on January 15th, 2009. The manual can be found under Communication → Technical Support → Downloads → Technical Manuals.

If you have any questions regarding this product Bulletin, please contact your Regional Sales Manager, or Sales Engineers at the number provided below, or send an email to BCS.Sales@samsung.com.

MMC: 827

CRM DSP MODE SELECT

DESCRIPTION:

This program is used to select the mode on CRM daughter boards. The CRM (Common Resource Module) has several modes that can be set to deliver functions. The two modes that can be set for U.S. are DTMFR and CID. This CRM daughter card also provides six 5-party conference circuits per card. There are no settings for this conference feature, they are automatically included when the CRM is installed.

- 1) DTMFR: DTFM Receiver
- 2) R2: R2 signalling. Not used in the US.
- 3) CID: Caller ID receiver
- 4) R2/CID: R2 signalling and CID. Not used in the US.

CONDITION

CRM board must be installed on the MCP2 for M software and the SCP2 for a single cabinet L software. It can be installed on the LCP2 for cabinet two or three if installed. The CRM can be installed in position 1 or 3 of the MCP2, SCP2, or LCP2 as indicated in the installation manual.

PROGRAM KEYS

UP & DOWN	Used to scroll through options
KEYPAD	Used to enter selections
SOFT KEYS	Move cursor left and right

ACTION

1. Press TRANSFER 827.
Display shows.
2. Dial the cabinet number (1-3)
OR
Press volume button up or down to select cabinet numbers.
Then press the right soft button to move cursor.

DISPLAY

C: 1 B: 1
DTMFR →DTMFR

C: 1 B: 1
DTMFR →DTMFR

MMC: 827

3. Dial the (B) number to enter the position on board (1 or 3) OR

Press volume button to select position. Then press right soft key to move cursor.

C:1 B:1
DTMFR →DTMFR

DEFAULT DATA

DTMFR is the default setting on CRM daughter boards.

RELATED ITEMS: NONE