



Bulletin No.: 167_Software

December 7, 2007

OfficeServ™ 100/500 Software Version 2.72 General Release

Samsung Telecommunications is pleased to announce the General Availability of Software Version 2.72 for the OfficeServ 500 and OfficeServ 100 Products.

New Features

The following features have been added to this software version V2.72.

CID Type/Gain Configuration is Added.

- It is now possible to change CID type and Gain configuration in MMC 805.
- The default value and ranges are as follows.
 - CID TYPE: Bellcore (ETSI for EU and China) This setting is not used in the U.S.
 - CID RX Gain: 10 (Range 0-20) Incoming Analog Trunk to switch setting, Adjusts amplitude level of incoming signal so it can be read by the switch.
 - CID TX Gain: -6 (Range 0- -6) Output to Analog set, some analog sets see signal as too hot and need the padding to correctly read the incoming CLID.

To Improve VoIP Voice Quality, Changes and Additions are Included.

- **DUAL FILTER EC option is added in MMC 835***
This option is only available with MGI-16/MGI-64 cards.
Dual Filter echo Canceller's parameter of MGI-16/MGI-64 card will be downloaded differently according to the trunk's type.
Default: 8TRK2 MODE
Range: DISABLE, 8TRK MODE, 8TRK2 MODE, DTRK MODE

*This feature requires MGI-16 (v. 1.2x or higher). V.1.20 is currently being tested and will be available soon.

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- **ITP MAX TX LIMIT Option is added in MMC 841 To Fine Tune Echo Cancellation Properties.**
 - Users are able to limit Maximum TX level of IP phone by setting this option to Yes.
 - Default: NO Range YES/NO
 - This setting eliminates possible echo on ITP to Digital Sets and ITP to Analog Trunks. This setting does not affect voice volume levels.
 - Set this parameter to Yes when background noise or loud voices may trigger echos that normal echo canceller might not remove under normal conditions.
- **Default SIDETONE VOL for ITP is Changed to 4 in MMC 807 to Support Quality Issues on ITP sets.**
 - Default MIC TX LEVEL for ITP is changed to 3 in MMC 807 to support Optimization.
 - Default TSW Gain for ITP <-> ATRK and ITP <-> DTRK are changed to 0 in MMC 805.
- **PRI L2 Sync Alarm is added.**
 - When PRI L2 Sync Error happens, System will show MJD23 (L2 Disconnect) alarm in MMC 851.
 - When PRI L2 Sync Error is recovered, System will show MJD24 (L2 Connect) alarm in MMC 851.

Maximum Number of Wireless Handsets has Changed.

Any site upgrading to this software will see these new configuration maximums. Following is a chart showing maximums.

| WIRELESS HANDSETS | Before V2.72 | After V2.72 |
|-------------------|--------------|-------------|
| OS500-L | 240 | 64 |
| OS500-M | 120 | 32 |
| OS100 | 56 | 32 |

Software Version and Dates

| Product | Software Version | Production Date |
|----------------|------------------|-----------------|
| OfficeServ 500 | V2.72 | 10/18/2007 |
| OfficeServ 100 | V2.72 | 10/18/2007 |

Notice: In MMC 841, an option setting is available for a SIP STACK license. This SIP STACK license option setting is not available for U.S. software versions. No SIP services are supported in the OfficeServ 100 or OfficeServ 500 Systems.

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OfficeServ 500

| | MCP2-M | MCP2-L | SCP2 | TEPRI | TEPRIa | MGI-3 | MGI-16 | OSM |
|---------|----------|----------|----------|----------|----------|----------|----------|----------|
| VERSION | V2.72 | V2.72 | V2.20 | V1.07 | V4.21 | V3.61 | V1.17 | V3.17 |
| DATE | 10/18/07 | 10/18/07 | 07/03/07 | 11/27/04 | 10/25/07 | 10/10/06 | 02/15/07 | 10/11/07 |

Note: The OSM for the OS500 shows 10/04/2007, but if you check the help section, it will show 10/11/07.

OfficeServ 100

| | MCP-1 | SP100 | TEPRI | TEPRIa | MGI-3 | MGI-16 | OSM |
|---------|----------|----------|----------|----------|----------|----------|----------|
| VERSION | V2.72 | V1.08 | V1.07 | V4.21 | V3.61 | V1.17 | V1.12 |
| DATE | 10/18/07 | 10/10/07 | 11/27/04 | 10/25/07 | 10/10/06 | 02/15/07 | 10/04/07 |

Fixes in OfficeServ 500 Version 2.72

- DND Forward/SETDND Interaction:** On the OS500 system, if you used the SETDND Feature, the forward DND would not function. This issue has been fixed in V2.72 MCP software.
- Audio Crosstalk:** On the OS100 and OS500 systems, intermittently when using the conference or line skipping feature with PRI circuits ONLY, the system would not release the incoming trunk, causing the outside party to stay on the line hearing other conversations. This issue has been fixed in V2.72 MCP software.
- Daylight Saving Date Entry:** On the OS100 and OS500 systems, the dates for the Daylight savings entries have changed and the current ones were not correct. This issue has been fixed by the MCP software V2.72,
- SVMI- Inbound/Outbound Permission:** On the OS500 Switch with Software V2.69 the SVMI Permission was set for inbound only. This issue has been fixed in V2.72 MCP software.
- LAN PRINTER ISSUE:** On the OS500 System with M software, the LAN PRINTER function will not work. This functionality has been fixed in V2.72 M software.
- Find Me Feature:** Using the find me feature on the OS500 system had a problem if the user did not accept the call. The call would not route correctly to the user's voice mailbox. This has been fixed in V2.72 MCP software.

Fixes in OfficeServ 100 Version 2.72

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1. **OS100 Modem Issue:** The internal modem does not release the trunk after a previous connection. A Carrier detect function has been added to solve this issue in V2.72 MCP1 software.
2. **Audio Cut thru Issue:** On the OS100 system, if you do not use a MISC card in the system, you could experience audio delay on answering a call. This issue has been fixed in MCP1 software v2.72.
3. **Audio Crosstalk: Audio Crosstalk:** On the OS100 and, intermittently when using the conference or line skipping feature with PRI circuits ONLY, the system would not release the incoming trunk causing the outside party to stay on the line hearing other conversations. This issue has been fixed in V2.72 MCP software.
4. **Daylight Saving Date Entry:** On the OS100 and OS500 systems, the dates for the Daylight savings entries have changed and the current ones were not correct. This issue has been fixed by the MCP software V2.72.
5. **SVM DISPLAY:** When accessing the voice mail, the wrong voice mail extension would be displayed. This issue has been fixed in V2.72 software.