iDCS 100 Software Release Version 1.31

Samsung Telecommunications America is pleased to announce the release of software version 1.31 (03.08.04) for the iDCS 100. This new version of software adds new features and provides various bug fixes. All iDCS 100 product shipped after January 20, 2004 will include the new software. All new features, functionality and corrections will be added to the iDCS Technical Manual-CD (IDCS 101).

Samsung would like to thank the many Authorized Dealers that installed version 1.31 software and assisted in the testing and verification of the new software features and bug fixes.

BUG FIXES

1. **DISPLAYING "PAYPHONE"**
    This problem occurs in Canadian Market only. When using local link lines (Canadian Centrex), incoming long distance calls will cause the phones to display "PAYPHONE" instead of the long distance phone number. This item has been corrected.

2. **CID NAME NOT DISPLAYED**
    The CID name was not always saved in CID review list. This item has been corrected.

3. **PRI-VOIP TANDEM CALLS**
    When callers in remote switch placed a tandem call over PRI or VoIP, the calls would sometimes disconnect. This item has been corrected.

4. **INTERNATIONAL DIALING ACROSS Q-SIG NETWORKING**
    With two iDCS 100 networked together using Q-sig, The ISDN outgoing trunks in the main node (Node A), can be accessed by stations in Node B, but they cannot dial more than 17 digits on the outgoing ISDN calls. This means stations in Node B cannot make international calls, since such numbers always require more than 17 digits. The software was modified to send up to 32 digits across network, and can now send up to 22 digits to the Central Office including trunk access code or LCR code. For this function to work, customers must also have the TEPRI software version 1.05 or higher. This item has been corrected.

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5.   TWO X FOUR DLI CARD INSERT PROBLEM
When a 2X4 DLI card is inserted in Expansion Slot number one, trunks or stations of Expansion Slot number 2 do not work correctly. <u>This item has been corrected.</u>

6.   ANALOG CID OUT OF AREA
This is corrected to display the CID name (Out of Area) and number when both are received from the telephone company.

NEW ENHANCEMENTS

1.   TEN DIGIT AUTHORIZATION CODES PRINTOUT
An option has been added to MMC210 called SMDR AUT2ACC. When this option is set to ON, an authorization code (up to 10 digits) will be printed out in the account code field of the SMDR report.

2.   STATION GROUP AUTO ANSWER
An option is added in MMC 601 called GRP AUTOANS. When this option is set to on, calls to this group will automatically answer if the receiving station is set to Auto Answer (MMC 103). This feature can be set for station groups using either the sequential or distributed ring modes.

3.   INCOMING CID REJECT
A new MMC 765 is added. When an incoming call with CID hits the switch, if the CID number is compared and a match is found in the pre-assigned table, the CID number will be rejected by the system. <u>This feature is not recommended for use in North America.</u>

4.   RING PLAN ACCESS CODE
An option was added to MMC 724 under feature numbering plan. This option permits an access code to be assigned to activate the Ring Plan (RP) feature from any station. After dialing the RP access code, the user must dial a valid ring plan number (1-6). Example: RP is set to XX. User dials XX+1 for Ring Plan one.

5.   REMOTE CID PASS THROUGH
An option has been added in MMC 400. When this option is turned on for the outbound PRI trunks in the main node, The calling party number from a remote node(s) will be allowed to pass through the main node and out to the Central Office.

6.   H.245 TUNNELING OPTION ADDED
This option was added to MMC 834 for the ITMC card to permit H.245 tunneling. Using this option can enable this protocol method to use out-of-band signaling between the near and far of the trunk calls. When using out-of-band signaling a command for DTMF tones are sent as data packets from near to far end. Once the command arrives at the far end, the DTMF tones are generated by the far end system.

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When using in-band signaling the DTMF tones are sampled, encoded, packetized, and compressed with the voice payload that goes across to the other node in the network. The receiving node then decodes and converts the packetized voice and the embedded DTMF tones back to TDM. This conversion process may not always produce an accurate signal representation of the original DTMF frequencies.

7.   TYPE OF SERVICE OPTION ADDED
A new option added in MMC 835. This option allows the user to set the transport-priority of data packet generated by the ITMC card. With this option on, a higher priority can be placed on voice packets over data packets allowing voice conversation to travel over the network before data traffic.

8.   T.38 REDUNDANCY OPTION ADDED
This new option is added to MMC 835. This option determines if the facsimile over IP (T.38) error is detected, instead of stopping the fax transmission, the system will attempt to stay connected and resend the loss IP packets. The resend attempts range from 00 to 04 retries.

PCMMC

A compatible version of the PCMMC software version 2.12 (03.12.12) is also available for programming the iDCS 100 via a PC. This version of PCMMC is backwards compatible with earlier versions of iDCS 100 system software.

When using version 2.12, some MMCs may be displayed on the PC screen that does not apply to the version of software that is running in the iDCS 100 system. These MMC entries are reserved for future use. When this occurs, an error message of "NO CORRESPONDING DATA" will appear on the PC screen. Ignore the message and go on to the next function.

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