TANDBERG MCU D3.5 Minor Release Notes

TANDBERG

D50334, Rev 1.0

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1. Introduction

This release note is to describe the new features and changes included in the TANDBERG MCU software version D3.5 released on March 4, 2005.

2. Audience for this release

D3.5 is a minor release for the TANDBERG MCU. All users are recommended to upgrade the software in accordance with their particular service plan.

3. Software Versions

8 + 8 Version is capable of 8 Video Sites (IP/ISDN) and 8 Telephones
16 + 16 Version is capable of 16 Video Sites (IP/ISDN) and 16 Telephones

4. New Features in D3.5

4.1 Security

4.1.1 H.235v3

The TANDBERG MCU now supports both H.235v2 and H.235v3 encryption. This allows for maximum flexibility when communicating with older version 2 and newer version 3 compliant H.323 systems.

4.2 DTMF

4.2.1 Automatic DTMF Tone Generation

The TANDBERG MCU now supports the automatic generation of DTMF tones to a participant. This is useful when cascading the MCU to an audio or video bridge that is using DTMF passwords for entry access.

4.3 Web

4.3.1 DTMF String

A new field has been added to the MCU Web pages to allow entry of DTMF strings. The new entry has been added to both the Phone Book entry page as well as the Manual Dial page. Any digits entered into this field will be sent to the site upon connection. Allowed digits are standard telephone keypad digits (1-9, *, #) as well as “,”. The comma is used as a pause digit where each will add a 2 second pause. This is to allow for greeting messages, transfer delays, or when a delay needs to be added before the DTMF tones are sent. Note that the DTMF tones will only be sent to the site they were entered for and will not be heard by anyone else in the conference.

4.4 Data Port

4.4.1 Dial Command

A new sub command has been added to the "dial" command to allow the entering of DTMF strings. Allowed digits are standard telephone keypad digits (1-9, *, #) as well as ",". The comma is used as a pause digit where each will add a 2 second pause.

Usage: dial <conference> <number> "d<DTMF String>"

Example: If I wanted to add a site to conference 2 by calling the number 555-1212 and then send a DTMF string of 12345 with a 4 second pause before sending the string I would enter the command "dial 2 5551212 "d,,12345".

Note that the DTMF tones will only be sent to the site they were entered for and will not be heard by anyone else in the conference.

4.4.2 DTMF Command

A new command has been added to allow the sending of DTMF tones to a connected participant during a conference. Allowed digits are standard telephone keypad digits (1-9, *, #).

Usage: dtmf <conference> <site> <dtmf string>

Example: If I have participants connected to conference 1 and I need to send the DTMF string of 54321 to site 2, I would enter the following command "dtmf 1 2 54321". Note that the DTMF tones will only be sent to the site they were entered for and will not be heard by anyone else in the conference.

5. Changes and Improvements in D3.5 from D3.4

- Improved DTMF detection to eliminate low level tones not being detected
- Improved RTP latency
- Resolved issue where only the first SNMP trap host would receive traps
- H.264 video improvements
- Increased Phone Book size to 200 entries
- Improved voice switch timing when in cascaded modes

6. References / Related Documents

TANDBERG Website - http://www.tandberg.net

See the following documents for more info on the TANDBERG MCU.:

D12911 (TANDBERG MCU User Manual D3)
D12925 (TANDBERG MCU Technical Manual D3)
D50183 (TANDBERG MCU and IP)
D12930 (TANDBERG MCU Dataport User's Guide D3)
D50238 (TANDBERG MCU D3.0 Release Notes)