

TANDBERG MCU D3.4 Minor Release Notes

TANDBERG

D50325, 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 D3.4 released on December 23, 2004.

2. Audience for this release

D3.4 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 D3.4

4.1 Terminal Naming

It is now possible to view telephone sites in the terminal list. The MCU will now show the IP address or ISDN telephone number for each connected telephone site within the terminal list that is supplied to connected video sites.

4.2 SNMP

An SNMP trap “ip_authentication_failure” (enterprise specific trap type 13) will now be sent when a conference has been configured with a dial-in password and a participant enters a wrong password. This will be sent with 3 trap objects:

1. Type of Service (STRING): “conf-1”, “conf-2”, or “conf-3”
2. Remote Address (STRING): The IP address or ISDN number of the dial-in participant
3. Timer Ticks (INTEGER): Time of the event

4.3 ISDN Dial-In

It is now possible to dial into a TANDBERG MCU when using a PBX that performs phone number conversions. The number that is dialed by a participant can now be different than the number that is presented to the MCU by the PBX. This configuration requires the MCU PRI number range to be left blank and the conference dial-in numbers to be set to the numbers that the PBX presents.

4.4 ISDN Channel ID

When using the ISDN protocol ETSI, it is now possible to configure the MCU to send the channel ID element in the alerting message for the first channel of an incoming connection. This feature is available only through the dataport command “isdnprot chanid <on/off>” and should only be used when required by the PBX.

5. Changes and Improvements in D3.4 from D3.3

- Resolved issue where MCU may reject incoming telephone calls when conference was configured to allow incoming telephone calls
- Resolved issue where MCU would disconnect the last remaining site in an AES or DES encrypted conference
- Resolved issue where conference may not return to H.264 mode when all other conferences were no longer active
- Improved connection mechanisms to eliminate sites possibly staying in the dialing state
- Improved MCU Master/Slave negotiation
- Improved video switching between cascaded MCU's
- Added ability to parse AMSC-MUX64 cap sent by Polycom VSX
- Resolved issue where Telnet sessions would not clear
- Improved parsing of H.263 to allow H.263 to be used when one site supports H.263+ and one site supports H.263 (system chose H.261 before)

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)