

TANDBERG MCU D2.3 Minor Release Notes

TANDBERG

D50199, Rev 1.1

Table of Contents

1.	INTRODUCTION	3
2.	AUDIENCE FOR THIS RELEASE	3
3.	SOFTWARE VERSIONS	3
4.	NEW FEATURES IN D2.3	4
4.1	IMPROVED PEOPLE + CONTENT SUPPORT	4
4.2	NEW TERMINAL COMMANDS	4
4.2.1	<i>UDP Checksum on/off</i>	4
4.2.2	<i>HLC</i>	4
4.2.3	<i>ISDN Alert on all Channels</i>	4
4.3	LEGACY MODE	5
4.4	NEBS APPROVAL	5
4.5	MISCELLANEOUS FEATURES/IMPROVEMENTS.....	5
5.	GETTING THE SOFTWARE	6
6.	REFERENCES / RELATED DOCUMENTS	6

1. Introduction

This release note is to describe the new features included in the TANDBERG MCU software version D2.3 released on 4/09/2003

D2.2 was an internal release only and is not available for public distribution.

2. Audience for this release

D2.3 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 D2.3

4.1 Improved People + Content Support

- Support added for Enterprise People+Content on ISDN
- Transmit and Receive is now allowed (requires FX ver. 5.0/ IPower ver. 5.0)
- The IPower and/or Viewstation FX endpoint must connect via ISDN to the MCU.
- D2.3 will pass CIF, 4CIF, VGA, SVGA, and XGA as the duo source if possible.
- People + Content is OFF by default

4.2 New Terminal Commands

4.2.1 UDP Checksum on/off

When UDP Checksum is on, D2.3 will discard packets which fail the checksum. “UDP Checksum off” feature will not discard these packets. This is used to alleviate some issues encountered with FVC equipment.

```
udpcheck <on/off>
- on:  Checksum active (default)
- off: Checksum not used
```

4.2.2 HLC

Some systems do not like to see HLC in the setup messages. So for compatibility in these rare instances, we allow for this to be disabled.

```
isdnprot hlc <on/off>
- on:  Send HLC
- off: Do not send HLC (default)
```

4.2.3 ISDN Alert on all Channels

Some ISDN switches require ALERT messages for all channels on incoming calls. This command will send alerts on all channels instead of the first channel as we do by default.

```
isdnprot alert <on/off>
- on:  We will send ALERT for all channels
- off: Send ALERT for the first channel only (default)
```

4.3 Legacy Mode

To accommodate older video systems that may have trouble with our modern capabilities, a legacy mode has been added.

There is now an on/off setting in the webpage which turns the “Legacy Mode” on/off. The default is off. Along with the webpage setting, there are two corresponding terminal commands as follows:

```
conftemplate legacylevel <0..15>
confsettings legacylevel <CONFERENCE ID 1..3> <0..15>
```

```
0      - No capabilities removed. This is default.
1-15   - The following capabilities are removed:
        MSC_RESTRICT_CAP
        MSC_RESTRICT_P
        MSC_NORESTRICT
        DTACHAN_H224HDL
        MSC_DUALMON
        VIDSTD_H263
        VIDSTD_H263PP
        AUDCSTD_G728
        AUDCSTD_G722_1_24
        AUDCSTD_G722_1_32
        DTA_HSD
        MSC_H263_2000
        MSC_MVC
        MSC_NSCAP
        MSC_TANDBERG
        MSC_ENCRYP
        MSC_DUOPLUS
```

*Note: Values 1-15 all behave exactly the same, the extra values are reserved for potential use in future releases.

4.4 NEBS Approval

The TANDBERG MCU has now been approved as a NEBS Level 3 Carrier Class bridge.

4.5 Miscellaneous Features/Improvements

- Line feed handling improvement. Does not require CTRL-Enter for line feed in Windows XP telnet sessions.
- “#” allowed when dialing IP Aliases
- Incoming calls without the “Called Number” ISDN information element will be routed to Conference 1.
- Enhancement for handling VIS (Video Indicate Suppressed) messages. D2.3 will not disconnect after receiving this message.

5. Getting the Software

Customers should contact their reseller or maintenance provider for support and assistance with their TANDBERG products.

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's Guide
D12925 TANDBERG MCU Technical Description
D50183 TANDBERG MCU and IP
D12930 TANDBERG MCU Dataport User's Guide
D50188 TANDBERG MCU D2.0 Release Notes