



Customer Deliverable Documentation  
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# SmartMedia v2.7.127 Release Notes

## New to the v2.7 Release

- N+1
- Lawful intercept
- Radius AAA
- Audit logs
- Test call
- Incoming NAP, trunk, time slot in routing script
- Support CASR2 for DS3/STM-1
- Support H.248 CAS Packages

## History of Solved CTS Cases

The following list refers to cases in the Change Tracking System 'CTS'

### Build Series v2.7.127

#### ENHANCEMENTS:

- Option to configure the ephemeral termination range
- Set Backward Call Indicator (BCI) to a specific value
- Add option to enforce BCI in ANM

#### ISSUE FIXES:

- Tone play not restarted after codec switch, before 200 OK is received
- Ignores the SDP provided in SIP UPDATE
- Symmetric NAT not working when an odd port is used for the RTP stream
- Play file fails, on Linux, if first file path choice among multiple is not found

## **Build Series v2.7.126**

### ISSUE FIXES:

- Detected FAX tones may be ignored in build 2.7.125

## **Build Series v2.7.125**

### ENHANCEMENTS:

- Add incoming NAP into label routing
- Emergency call handling or MLPP
- Transfer bearer capability between TDM and SIP
- ISUB (ISDN subaddress) relay to/from SIP
- Have incoming NAP, trunk and timeslot in incoming leg available in routing script

### ISSUE FIXES:

- DS3 LIU generate heavy load of interrupts
- Sending SIP BYE/CANCEL without SDP
- Fixed bad DSP double-tone detection when tone has small gaps
- "Testing Script" jammed the web GUI while testing routeset routing
- Cause code was incorrectly picked from reason header
- Invalid community in SNMP request causes to restart adapter
- ISUP process crash on SPIROU variant

## **Build Series v2.7.124**

### ENHANCEMENTS:

- Allow bidirectional Early Media through a configuration option

### ISSUE FIXES:

- Fixed bad DSP double-tone detection when tone has small gaps

## **Build Series v2.7.123**

### ENHANCEMENTS:

- Add option to send "In Service" messages to MGC on timeslot base

### ISSUE FIXES:

- SS7 stack drops ANM, connected number IE with too many digits
- "Early media mode" is not applied when ISDN call proceeding is not received
- Routing script nap\_group\_weight\_load\_balancer.rb with :load\_outgoing\_only option takes incoming call in calculation
- Audio is not connected when 100-trying is missing and 183 is handled as "progress" instead of "alert"
- RLC is not generated on SIP-I BYE 200 OK
- Delay with call releasing from engine after being connected to mixer

## **Build Series v2.7.122**

### ENHANCEMENTS:

- Accept ISDN calls with encoding (aLaw/uLaw) different from variant's default

### ISSUE FIXES:

- The H.248 does not support receiving a LOCAL or REMOTE descriptor containing only an empty line

## **Build Series v2.7.121**

### ENHANCEMENTS:

- Support configurable packetization times for RFC 4040
- Allow to control mixers resize-down timer

### ISSUE FIXES:

- OBCI is not inserted in ACM when using Q767 variant
- Receiving a 183 after a 180, if ringback tone is enabled, does not open the path
- sip\_layer problem when a parsing error is detected in a mandatory header
- Mixers get stuck in engine upon termination after disabling SetRecordPlayback while recording

## **Build Series v2.7.120**

## ENHANCEMENTS:

- Add RTCP/TDM stats in UCT and Radius/text CDR
- DMS CLASS announcement server functionality

## ISSUE FIXES:

- ISDN Progress Indicator with Location value 4 is refused when using 5ESS
- Receiving a 183 after a 180, if ringback tone is enabled, does not open the path

## Build Series v2.7.103

### ISSUE FIXES:

- Prevent Detected sequence errors (from network) with Fax T.38
- Ruby scripts are limited to 64KB
- NAT traversal not re-established after putting call on hold
- Call trace reports unexpected 200ok between some traces
- Support receiving a re-INVITE before receiving the ACK of a previous re-INVITE
- Cannot change TDM line Services Loopback state when backup is active
- Error in Status Menu N+1
- ScriptAttribute:CustomCdrValue is not working with "Test Call" from the web

## Build Series v2.7.102

### ISSUE FIXES:

- Script variables 'sip\_headers' and 'request\_uri' not available during a SIP REFER
- Firmware does not support physical HW port count lower than 3 for DS3 units
- Incomplete IUA Link stats if more than one IUA link is present
- Call on hold (remote "a=sendonly") reports "no packets received from network"
- SDP parsing error: attribute pcfg causes invalid SDP to be generated by SDP parser
- [REMOVED]OCN counter must not be added to redirection counter when OCN == RN
- SDP with H248 was missing Session-Level parameters (o,s,t)

## Build Series v2.7.101

### NEW FEATURES:

- Support CASR2 for DS3/STM-1
- Support H.248 CAS Packages
- Allow remapping of incoming leg profile by route

#### ISSUE FIXES:

- DC power supplies don't report failure status – Web GUI should say 'unknown'
- Announcement server: Call is terminated even if the script ends with a long silence
- ISDN PROGRESS is dropped by the stack when receiving an invalid location value
- OEM references during installation
- Avoid sending a "reset" on a timeslot after reaching the answer timeout (T9)
- Test Call: CallTrace shows the play/record file failure trace BEFORE the record request trace

## Build Series v2.7.100

#### ISSUE FIXES:

- Weight and group routing script % miscalculation when weight is "0"
- STM1 E1#1 having RSN
- Missing ScriptAttribute:CustomCdrValue in text CDR when using both Radius and Text CDRs

## WWW

Please refer to the following online resources:

- Software Configuration Guide SmartMedia:  
<http://www.patton.com/manuals/SmartMedia-scq.pdf>
- SmartMedia Configuration Library:  
<http://www.patton.com/support/kb.asp?cat=114>
- SmartMedia FAQ:  
<http://www.patton.com/support/kb.asp?cat=75>

## How to Upgrade

Please see [http://www.patton.com/support/kb\\_art.asp?art=326](http://www.patton.com/support/kb_art.asp?art=326)