



# SMART

*Smart Message Architecture Reader and Translator*

**Developed by Cesar Fiestas**

# What is SMART?

SMART is a POWERFUL output log parser and analyzer capable of parsing and analyzing single or multiple SIP, H323 and Q931 log files from various voice and video platforms. SMART reduces painful, consuming and critical log analyzing time for the engineer, SMART can parse and analyze log file from the following voice and video platforms.

- Cisco Unified Communications Manager
- Cisco Gateways (IOS)
- Cisco Telepresence Video Communication Server
- Cisco Cius

# SMART FEATURES

- Cisco Unified Communications Manager Intelligent SIP parsing capabilities
- Cisco Unified Communications Manager Intelligent H323 parsing capabilities
- Cisco Unified Communications Manager Intelligent Q931 parsing capabilities

# SMART FEATURES

- Cisco IOS Q931 Intelligent parsing capabilities
- Cisco IOS Intelligent SIP Log tracing capabilities
- Cisco Telepresence Video Communication Server SIP Log Tracing capabilities
- Cisco Telepresence Video Communication Server H323 Log Tracing capabilities

# SMART FEATURES

- Cisco Telepresence System SIP Log Tracing capabilities
- Cisco Cius SIP parsing capabilities.
- Powerful Call Flow and Media Reporting
- Log screen Print
- SMART Report Print
- SMART supports .txt, .log, and .dat file formats

# SMART FEATURES

- Detail Screen Print
- Single and all row copy feature
- Access to the PolarisOne database
- Auto Self Update
- Easy Installation
- Fast and accurate parsing results

# Analysis Options

The screenshot displays the SMART 1.3.0.7 application window. The title bar reads 'SMART 1.3.0.7'. The menu bar includes 'File', 'Tools', 'Settings', and 'Help'. The toolbar contains icons for 'Analyze', 'Quick Find', 'Print', 'Session Check', 'Media Report', and 'Clear Analysis'. The main workspace is a large empty area with a central instruction: 'Drag and Drop a file(s) Or Drag and Drop a folder that contains multiple files matching your selection in the Analysis Option Screen'. Below this, a 'SMART Report' section contains the text: 'SMART Report is in StandBy mode. In order to trigger a SMART Report follow the procedures as listed below. 1. Select a line that contains an INVITE Message 2. Select the Media Report Icon.' A dialog box titled 'SMART - Analysis Option Screen' is open, titled 'Run new analysis'. It features three columns: 'Platform', 'Version', and 'Protocol'. The 'Platform' column lists: 'CISCO Unified CM', 'CISCO VCS', 'CISCO IOS', 'CISCO Telepresence', and 'CISCO Clus'. The 'Version' and 'Protocol' columns are empty. At the bottom of the dialog, there is a checkbox for 'Don't show again', and 'Proceed' and 'Cancel' buttons. Below the dialog, there are links for 'Getting Started', 'Upcoming Features', and 'SMART Online'. The status bar at the bottom shows: 'Status: Ready', 'Analyze: Please select', 'File Path: Not selected', 'File Size: 0B', 'File Lines: 0', 'Current Line: 0', 'Connection: Not Established', and 'Time: 8:41 AM'.

SMART 1.3.0.7

File Tools Settings Help

Analyze Quick Find Print Session Check Media Report Clear Analysis

Drag and Drop a file(s) Or Drag and Drop a folder that contains multiple files matching your selection in the Analysis Option Screen

SMART - Analysis Option Screen

Run new analysis

Platform	Version	Protocol
CISCO Unified CM		
CISCO VCS		
CISCO IOS		
CISCO Telepresence		
CISCO Clus		

Don't show again

[Getting Started](#)  
[Upcoming Features](#)  
[SMART Online](#)

Proceed Cancel

Status: Ready Analyze: Please select File Path: Not selected File Size: 0B File Lines: 0 Current Line: 0 Connection: Not Established Time: 8:41 AM

# Drag and Drop

SMART 1.3.0.7

File Tools Settings Help

Analyze Quick Find Print Session Check Media Report Clear Analysis

Time	Call-ID	Message	Cseq	Direction	From	To	Contact	VIA 1	VIA 2	Content-Type	User-Agent	Server	Reason	Cisco-Guid
12:57:14.675	2028e80-ec21c41a-dad-610000a	INVITE 97000	101 INVITE	TX -->	10.0.240.26	7200	97000	7200@10.0.240.6	10.0.240.6		Cisco-CUCM8.5			0033721984-000006...
12:57:14.707	2028e80-ec21c41a-dad-610000a	180 Ringing	101 INVITE	RX <--	10.0.240.26	7200	97000		10.0.240.6			TANDBERG/80 (S...		
12:57:14.708	9386ED1F	180 Ringing	2 INVITE	TX -->	10.0.240.25	7200	97000	97000@10.0.240.6	10.0.240.25					
12:57:14.718	2028e80-ec21c41a-dad-610000a	200 OK	101 INVITE	RX <--	10.0.240.26	7200	97000	97000@10.0.240.26	10.0.240.6	application/sdp		TANDBERG/80 (S...		
12:57:14.723	2028e80-ec21c41a-dad-610000a	ACK 97000	101 ACK	TX -->	10.0.240.26	7200	97000		10.0.240.6	application/sdp				
12:57:14.724	9386ED1F	183 Session Progress	2 INVITE	TX -->	10.0.240.25	7200	97000	97000@10.0.240.6	10.0.240.25	application/sdp				
12:57:14.724	9386ED1F	200 OK	2 INVITE	TX -->	10.0.240.25	7200	97000	97000@10.0.240.6	10.0.240.25	application/sdp				
12:57:14.728	9386ED1F	ACK 97000	2 ACK	RX <--	10.0.240.25	7200	97000	7200@10.0.240.25	10.0.240.25		TANDBERG Tele...			
12:57:14.834	2028e80-ec21c41a-dad-610000a	INFO 7200	501 INFO	RX <--	10.0.240.26	97000	7200	97000@10.0.240.26	10.0.240.26	application/media_control+xml		TANDBERG/80 (...)		
12:57:14.835	2028e80-ec21c41a-dad-610000a	200 OK	501 INFO	TX -->	10.0.240.26	97000	7200	7200@10.0.240.6	10.0.240.26					
12:57:14.835	9386ED1F	INFO 7200	101 INFO	TX -->	10.0.240.25	97000	7200	97000@10.0.240.6	10.0.240.6	application/media_control+xml	Cisco-CUCM8.5			
12:57:14.845	9386ED1F	200 OK	101 INFO	RX <--	10.0.240.25	97000	7200	7200@10.0.240.25	10.0.240.6		TANDBERG Tele...			
12:57:16.765	9386ED1F	INFO 97000	3 INFO	RX <--	10.0.240.25	7200	97000	7200@10.0.240.25	10.0.240.25	application/media_control+xml	TANDBERG Tele...			
12:57:16.766	9386ED1F	200 OK	3 INFO	TX -->	10.0.240.25	7200	97000	97000@10.0.240.6	10.0.240.25					
12:57:16.767	2028e80-ec21c41a-dad-610000a	INFO 97000	102 INFO	TX -->	10.0.240.26	7200	97000	7200@10.0.240.6	10.0.240.6	application/media_control+xml	Cisco-CUCM8.5			
12:57:16.777	2028e80-ec21c41a-dad-610000a	200 OK	102 INFO	RX <--	10.0.240.26	7200	97000		10.0.240.6			TANDBERG/80 (S...		
12:57:17.766	9386ED1F	INFO 97000	4 INFO	RX <--	10.0.240.25	7200	97000	7200@10.0.240.25	10.0.240.25	application/media_control+xml	TANDBERG Tele...			

SMART Report

SMART Report is in StandBy mode. In order to trigger a SMART Report follow the procedures as listed below.  
 1. Select a line that contains an INVITE Message  
 2. Select the Media Report icon.

Smart Detail Screen

```

12:57:14.675 [SIP]SIPtcp/wai..._SdISIPSignal: Outgoing SIP TCP message to 10.0.240.26 on port 5060 index 605
[2035970,NET]
INVITE sip:97000@10.0.240.26:5060 SIP/2.0
Via: SIP/2.0/TCP 10.0.240.6:5060;branch=z9hG4bK4ebe580701b1
From: "TANDBERG Telepresence Server 7010" <sip:7200@10.0.240.6>;tag=661317-b69eda91-b784-4f9c-b72d-28a68df024e-49573569
To: <sip:97000@10.0.240.26>
Date: Tue, 15 Nov 2011 19:57:14 GMT
Call-ID: 2028e80-ec21c41a-dad-610000a@10.0.240.6
Supported: timer,resource-priority,replaces
Min-SE: 1800
User-Agent: Cisco-CUCM8.5
Allow: INVITE, OPTIONS, INFO, BYE, CANCEL, ACK, PRACK, UPDATE, REFER, SUBSCRIBE, NOTIFY
CSeq: 101 INVITE
Expires: 180
Allow-Events: presence
Supported: X-cisco-srtp-fallback
Supported: Geolocation
Cisco-Guid: 0033721984-0000065536-0000000269-0116391946
Session-Expires: 1800
P-Asserted-Identity: "TANDBERG Telepresence Server 7010" <sip:7200@10.0.240.6>
Remote-Party-ID: "TANDBERG Telepresence Server 7010" <sip:7200@10.0.240.6>;party=calling,screen=yes;privacy=off
Contact: <sip:7200@10.0.240.6:5060;transport=tcp;video,audio;focus;x-cisco-tip
Max-Forwards: 69
Content-Length: 0

[2,100,57,1.690642*10.0.240.25**
12:57:14.675 [SIP]SocketProtocol(2,100,9,723):handleWriteComplete!***
  
```

Status: Ready Analyze: UCM V7 SIP File Path: C:\Users\cfiestas\Desktop\callmanager7x.txt File Size: 2096952B File Lines: 17654 Current Line: 161 Connection: Not Established Time: 8:50 AM



callmanage...



# SESSION CHECK

- System will categorize one selected line with multiple messages matching the same Call-ID.
- Ability to filter by Time Range once Session Check processed

# SESSION CHECK

SMART 13.0.7

File Tools Settings Help

Analyze Quick Find Print Clear Session Check Media Report Clear Analysis

Time	Call-ID	Message	Cseq	Direction	From	To	Contact	VIA 1	VIA 2	Content-Type	User-Agent	Server	Reason	Cisco-Guid
12:57:14.675	2028e80-ec21c41a-dad-6f0000a	INVITE 97000	101 INVITE	TX --> ...	7200	97000	7200@10.0.240.6	10.0.240.6			Cisco-CUCM8.5			0033721984-...
12:57:14.707	2028e80-ec21c41a-dad-6f0000a	180 Ringing	101 INVITE	RX <-- ...	7200	97000		10.0.240.6			TANDBERG/8...			
12:57:14.718	2028e80-ec21c41a-dad-6f0000a	200 OK	101 INVITE	RX <-- ...	7200	97000	97000@10.0.240.26	10.0.240.6		application/sdp		TANDBERG/8...		
12:57:14.723	2028e80-ec21c41a-dad-6f0000a	ACK 97000	101 ACK	TX --> ...	7200	97000		10.0.240.6		application/sdp				

SMART Report

SMART Report is in StandBy mode. In order to trigger a SMART Report follow the procedures as listed below.  
 1. Select a line that contains an INVITE Message  
 2. Select the Media Report icon.

Smart Detail Screen

```

12:57:14.675 //SIP/SIPTcp/wait_SslSPISignal: Outgoing SIP TCP message to 10.0.240.26 on port 5060 index 605
[2035970.NET]
INVITE sip:97000@10.0.240.26:5060 SIP/2.0
Via: SIP/2.0/TCP 10.0.240.6:5060;branch=z9hG4kK4ebe580701b1
From: "TANDBERG Telepresence Server 7010" <sjp:7200@10.0.240.6>;tag=661317-b69eda91-b784-4f9c-b72d-28a68dfb024e-49573569
To: <sjp:97000@10.0.240.26>
Date: Tue, 15 Nov 2011 19:57:14 GMT
Call-ID: 2028e80-ec21c41a-dad-6f0000a@10.0.240.6
Supported: timer,resource-priority,replaces
Min-SE: 1800
User-Agent: Cisco-CUCM8.5
Allow: INVITE, OPTIONS, INFO, BYE, CANCEL, ACK, PRACK, UPDATE, REFER, SUBSCRIBE, NOTIFY
CSeq: 101 INVITE
Expires: 180
Allow-Events: presence
Supported: X-cisco-srtp-fallback
Supported: Geolocation
Cisco-Guid: 0033721984-0000065536-0000000269-0116391946
Session-Expires: 1800
P-Asserted-Identity: "TANDBERG Telepresence Server 7010" <sjp:7200@10.0.240.6>
Remote-Party-ID: "TANDBERG Telepresence Server 7010" <sjp:7200@10.0.240.6>;party=calling,screen=yes;privacy=off
Contact: <sjp:7200@10.0.240.6:5060;transport=tcp>;video;audio;jsFocus;x-cisco-tip
Max-Forwards: 69
Content-Length: 0
  
```

Status: Ready Analyze: UCM V7 SIP File Path: C:\Users\cfiezta\Desktop\callmanager7x.txt File Size: 20969528 File Lines: 17654 Current Line: 161 Connection: Not Established Time: 8:02 AM

# SMART REPORT

SMART is capable of providing the user with an intelligent report about a specific SIP, H323 or Q931 call or session instantly.

- Headers within a SIP message
  - Call-id, Cseq, VIA, Content-Type, User-Agent, Server, Reason and Warning

# SMART REPORT

- SDP Analysis
- SDP Information

```
-----  
-- SMART Report --  
-----
```

```
SMART has found 11 possible sessions.  
*****
```

```
Session 1  
*****
```

```
An INVITE was transmitted at 18:38:42.984 with Call-id 98e27280-ed811002-93f3d-2c210
```

# SMART REPORT

SMART 13.0.7
File Tools Settings Help

Analyze Quick Find Print Session Check Clear Media Report Clear Analysis

Time	Call-ID	Message	Cseq	Direction	From	To	Contact	VIA 1	VIA 2	Content-Type	User-Agent	Server	Reason	Cisco-Guid
13:06:28.084	6400f115-2ec80007-2402e9f5-3...	INVITE 7200	101	INVITE RX <-	10.0.240.83	97779	7200	17fbb1e3-5b31-6c8...	10.0.240.83	application/sdp	Cisco-CPUIUS/9...			
13:06:28.085	6400f115-2ec80007-2402e9f5-3...	100 Trying	101	INVITE TX ->	10.0.240.83	97779	7200		10.0.240.83					
13:06:28.093	4c383f80-ec21c644-daf-6f0000a	INVITE 7200	101	INVITE TX ->	10.0.240.25	97779	7200	97779@10.0.240.6	10.0.240.6		Cisco-CUCM8.5			1278754688-000006...
13:06:28.099	4c383f80-ec21c644-daf-6f0000a	100 Trying	101	INVITE RX <-	10.0.240.25	97779	7200		10.0.240.6					
13:06:28.241	4c383f80-ec21c644-daf-6f0000a	180 Ringing	101	INVITE RX <-	10.0.240.25	97779	7200	7200@10.0.240.25	10.0.240.6		TANDBERG Tele...			
13:06:28.243	6400f115-2ec80007-2402e9f5-3...	180 Ringing	101	INVITE TX ->	10.0.240.83	97779	7200	7200@10.0.240.6	10.0.240.83					
13:06:28.282	4c383f80-ec21c644-daf-6f0000a	200 OK	101	INVITE RX <-	10.0.240.25	97779	7200	7200@10.0.240.25	10.0.240.6	application/sdp	TANDBERG Tele...			
13:06:28.290	4c383f80-ec21c644-daf-6f0000a	ACK 7200	101	ACK TX ->	10.0.240.25	97779	7200		10.0.240.6	application/sdp				
13:06:28.291	6400f115-2ec80007-2402e9f5-3...	183 Session Progress	101	INVITE TX ->	10.0.240.83	97779	7200	7200@10.0.240.6	10.0.240.83	application/sdp				
13:06:28.291	6400f115-2ec80007-2402e9f5-3...	200 OK	101	INVITE TX ->	10.0.240.83	97779	7200	7200@10.0.240.6	10.0.240.83	application/sdp				
13:06:29.112	6400f115-2ec80007-2402e9f5-3...	ACK 7200	101	ACK RX <-	10.0.240.83	97779	7200		10.0.240.83		Cisco-CPUIUS/9...			
13:06:29.478	4c383f80-ec21c644-daf-6f0000a	BYE 97779	1	BYE RX <-	10.0.240.25	7200	97779	7200@10.0.240.25	10.0.240.25		TANDBERG Tele...			
13:06:29.480	4c383f80-ec21c644-daf-6f0000a	200 OK	1	BYE TX ->	10.0.240.25	7200	97779		10.0.240.25					
13:06:29.481	6400f115-2ec80007-2402e9f5-3...	BYE 17fbb1e3-5b31-6...	102	BYE TX ->	10.0.240.83	7200	97779		10.0.240.6		Cisco-CUCM8.5			
13:06:30.356	6400f115-2ec80007-2402e9f5-3...	200 OK	102	BYE RX <-	10.0.240.83	7200	97779		10.0.240.6			Cisco-CPUIUS/9.2.1		

**SMART Report**

SMART Version : 1.3.0.7  
 Platlogic Version : 3.0

**SMART Report**

SMART has found 2 possible sessions.

\*\*\*\*\*  
 Session 1  
 \*\*\*\*\*

An INVITE arrived at 13:06:28.084 with Call-id **6400f115-2ec80007-2402e9f5-3876721a** from 97779 requesting 7200.

This Session was originated by Cisco-CPUIUS/9.2.1 with IP address or Hostname of 10.0.240.83:50554 to a device with IP address or Hostname of 10.0.240.6.

This Particular **Call flow** session is known as Early Offer with a session name of SIP Call.

Cisco-CPUIUS/9.2.1 has requested a total audio bandwidth of 0 kilobits, a total video bandwidth of 70000 kilobits, a total application bandwidth of 0 kilobits, a total text bandwidth of 0 kilobits, a total image bandwidth of 0 kilobits, a total control bandwidth of 0 kilobits, thus with a total requested bandwidth of 70000 kilobits per second.

Cisco-CPUIUS/9.2.1 is requesting to do 2 Media Streams for this Session.

\*\*\*\* Audio Stream 1 Information \*\*\*\*  
 Audio Stream 1 Port Number is: 27172  
 Audio Stream 1 Transport is: RTP/AVP  
 Audio Stream 1 Payload(s): 0 8 18 102 116 101  
 Audio Stream 1 Bandwidth Required is:  
 Audio Capability: Send Receive


**Smart Detail Screen**

```

13:06:28.084 [SIP/SIPtcp/wai_SdReadRsp: Incoming SIP TCP message from 10.0.240.83 on port 50554 index: 590 with 1737 bytes:
[2036335.NET]
INVITE sip:7200@10.0.240.6 SIP/2.0
Via: SIP/2.0/TCP 10.0.240.83:50554;branch=z9hG4kQ7/11719
From: "Bert's Cus" <sip:97779@10.0.240.6>;tag=6400f1152ec8005146892c0e-10d9c6b
To: <sip:7200@10.0.240.6>
Call-ID: 6400f115-2ec80007-2402e9f5-3876721a@10.0.240.83
Max-Forwards: 70
Date: Tue, 15 Nov 2011 20:06:21 GMT
CSeq: 101 INVITE
User-Agent: Cisco-CPUIUS/9.2.1
Contact: <sip:17fbb1e3-5b31-6c88-941b-ca7378be6f03@10.0.240.83:50554;transport=tcp>
Expires: 180
Accept: application/sdp
Allow: ACK,BYE,CANCEL,INVITE,NOTIFY,OPTIONS,REFER,REGISTER,UPDATE,SUBSCRIBE,INFO
Remote-Party-ID: "Bert's Cus" <sip:97779@10.0.240.6>;party=calling;id-type=subscriber;privacy=off;screen=yes
Supported: replaces,join,sdp-ansd,norefer,sub,extended-refer,X-cisco-calling,X-cisco-serviceurl,X-cisco-escapecodes,X-cisco-service-confr
Allow-Events: kpml,dialog
Recv-Info: conference
Recv-Info: x-cisco-conference
Content-Length: 643
Content-Type: application/sdp
Content-Disposition: session;handling=optional

v=0
o=Cisco-SIPUA 28414 0 IN IP4 10.0.240.83
s=SIP Call
t=0
m=audio 27172 RTP/AVP 0 8 18 102 116 101
            
```

**Status:** Ready    **Analyze:** UCM V7 SIP    **File Path:** C:\Users\cfeista\Desktop\callmanager7.txt    **File Size:** 2096952B    **File Lines:** 17654    **Current Line:** 10614    **Connection:** Not Established    **Time:** 8:53 AM



# QUICK FIND

SMART -Quick Find

Search For All: INVITE

Search For: [Empty]

Exclude the following:

Select All

Exclude Method(s):

- REGISTER
- SUBSCRIBE
- NOTIFY
- PUBLISH
- INFO
- MESSAGE

Find Anything Matching: [Empty]

Call-ID: [Empty]

Cisco-Guid: [Empty]

Time Range

Start Time: 08:10:48 [Up/Down arrows] End Time: 08:10:48 [Up/Down arrows]

[Search] [Cancel]

Select drop down arrow to search by Methods

Search a Log File using the Method value, example If you are looking for INVITE [920@example.com](mailto:920@example.com), the engineer will select INVITE and enter 920

Exclude by One Method or Select All

Find anything will search for an item within the file.

Call-ID will search for a message or messages matching the same Call-ID

Cisco-Guid will search for a message or messages matching the same Cisco-Guid

Select Time to search for a specific time frame. Use the arrows to right of time to scroll or up or down the time.

# Print Feature

File Name: [ callmanager7x.txt ]

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Time	Call-ID	Message	Cseq	Direction	From	To	Contact	VIA 1	VIA 2	Content-Type	User-Agent	Server	Reason	Cisco-Guid
12:57:14.675	2028e80-ec21c41a-dad-6f0000a	INVITE 97000	101 INVITE	TX -> 10.0.240.26	7200	97000	7200@10.0.240.6	10.0.240.6			Cisco-CUCM8.5			0033721984-000006...
12:57:14.707	2028e80-ec21c41a-dad-6f0000a	180 Ringing	101 INVITE	RX <- 10.0.240.26	7200	97000		10.0.240.6				TANDBERG/80 (S...		
12:57:14.708	9386ED1F	180 Ringing	2 INVITE	TX -> 10.0.240.25	7200	97000	97000@10.0.240.6	10.0.240.25						
12:57:14.718	2028e80-ec21c41a-dad-6f0000a	200 OK	101 INVITE	RX <- 10.0.240.26	7200	97000	97000@10.0.240.26	10.0.240.6		application/sdp		TANDBERG/80 (S...		
12:57:14.723	2028e80-ec21c41a-dad-6f0000a	ACK 97000	101 ACK	TX -> 10.0.240.26	7200	97000		10.0.240.6		application/sdp				
12:57:14.724	9386ED1F	183 Session Progress	2 INVITE	TX -> 10.0.240.25	7200	97000	97000@10.0.240.6	10.0.240.25		application/sdp				
12:57:14.724	9386ED1F	200 OK	2 INVITE	TX -> 10.0.240.25	7200	97000	97000@10.0.240.6	10.0.240.25		application/sdp				
12:57:14.728	9386ED1F	ACK 97000	2 ACK	RX <- 10.0.240.25	7200	97000	7200@10.0.240.25	10.0.240.25			TANDBERG Tel...			
12:57:14.834	2028e80-ec21c41a-dad-6f0000a	INFO 7200	501 INFO	RX <- 10.0.240.26	97000	7200	97000@10.0.240.26	10.0.240.26		application/media_control+...	TANDBERG/80...			
12:57:14.835	2028e80-ec21c41a-dad-6f0000a	200 OK	501 INFO	TX -> 10.0.240.26	97000	7200	7200@10.0.240.6	10.0.240.26						
12:57:14.835	9386ED1F	INFO 7200	101 INFO	TX -> 10.0.240.25	97000	7200	97000@10.0.240.6	10.0.240.6		application/media_control+...	Cisco-CUCM8.5			
12:57:14.845	9386ED1F	200 OK	101 INFO	RX <- 10.0.240.25	97000	7200	7200@10.0.240.25	10.0.240.6			TANDBERG Tel...			
12:57:16.765	9386ED1F	INFO 97000	3 INFO	RX <- 10.0.240.25	7200	97000	7200@10.0.240.25	10.0.240.25		application/media_control+...	TANDBERG Tel...			
12:57:16.766	9386ED1F	200 OK	3 INFO	TX -> 10.0.240.25	7200	97000	97000@10.0.240.6	10.0.240.25						
12:57:16.767	2028e80-ec21c41a-dad-6f0000a	INFO 97000	102 INFO	TX -> 10.0.240.26	7200	97000	7200@10.0.240.6	10.0.240.6		application/media_control+...	Cisco-CUCM8.5			
12:57:16.777	2028e80-ec21c41a-dad-6f0000a	200 OK	102 INFO	RX <- 10.0.240.26	7200	97000		10.0.240.6				TANDBERG/80 (S...		
12:57:17.766	9386ED1F	INFO 97000	4 INFO	RX <- 10.0.240.25	7200	97000	7200@10.0.240.25	10.0.240.25		application/media_control+...	TANDBERG Tel...			
12:57:17.767	9386ED1F	200 OK	4 INFO	TX -> 10.0.240.25	7200	97000	97000@10.0.240.6	10.0.240.25						
12:57:17.767	2028e80-ec21c41a-dad-6f0000a	INFO 97000	103 INFO	TX -> 10.0.240.26	7200	97000	7200@10.0.240.6	10.0.240.6		application/media_control+...	Cisco-CUCM8.5			
12:57:17.777	2028e80-ec21c41a-dad-6f0000a	200 OK	103 INFO	RX <- 10.0.240.26	7200	97000		10.0.240.6				TANDBERG/80 (S...		
12:57:23.276	2028e80-ec21c41a-dad-6f0000a	INFO 7200	502 INFO	RX <- 10.0.240.26	97000	7200	97000@10.0.240.26	10.0.240.26		application/media_control+...	TANDBERG/80...			
12:57:23.277	2028e80-ec21c41a-dad-6f0000a	200 OK	502 INFO	TX -> 10.0.240.26	97000	7200	7200@10.0.240.6	10.0.240.26						
12:57:23.278	9386ED1F	INFO 7200	102 INFO	TX -> 10.0.240.25	97000	7200	97000@10.0.240.6	10.0.240.6		application/media_control+...	Cisco-CUCM8.5			
12:57:23.281	9386ED1F	200 OK	102 INFO	RX <- 10.0.240.25	97000	7200	7200@10.0.240.25	10.0.240.6			TANDBERG Tel...			
12:57:23.257	9386ED1F	INFO 97000	5 INFO	RX <- 10.0.240.25	7200	97000	7200@10.0.240.25	10.0.240.25		application/media_control+...	TANDBERG Tel...			
12:57:23.758	9386ED1F	200 OK	5 INFO	TX -> 10.0.240.25	7200	97000	97000@10.0.240.6	10.0.240.25						
12:57:23.758	2028e80-ec21c41a-dad-6f0000a	INFO 97000	104 INFO	TX -> 10.0.240.26	7200	97000	7200@10.0.240.6	10.0.240.6		application/media_control+...	Cisco-CUCM8.5			
12:57:23.769	2028e80-ec21c41a-dad-6f0000a	200 OK	104 INFO	RX <- 10.0.240.26	7200	97000		10.0.240.6				TANDBERG/80 (S...		
12:58:14.848	2028e80-ec21c41a-dad-6f0000a	INFO 7200	503 INFO	RX <- 10.0.240.26	97000	7200	97000@10.0.240.26	10.0.240.26		application/media_control+...	TANDBERG/80...			
12:58:14.850	2028e80-ec21c41a-dad-6f0000a	200 OK	503 INFO	TX -> 10.0.240.26	97000	7200	7200@10.0.240.6	10.0.240.26						
12:58:14.850	9386ED1F	INFO 7200	103 INFO	TX -> 10.0.240.25	97000	7200	97000@10.0.240.6	10.0.240.6		application/media_control+...	Cisco-CUCM8.5			
12:58:14.852	9386ED1F	200 OK	103 INFO	RX <- 10.0.240.25	97000	7200	7200@10.0.240.25	10.0.240.6			TANDBERG Tel...			
12:59:14.856	2028e80-ec21c41a-dad-6f0000a	INFO 7200	504 INFO	RX <- 10.0.240.26	97000	7200	97000@10.0.240.26	10.0.240.26		application/media_control+...	TANDBERG/80...			
12:59:14.857	2028e80-ec21c41a-dad-6f0000a	200 OK	504 INFO	TX -> 10.0.240.26	97000	7200	7200@10.0.240.6	10.0.240.26						
12:59:14.857	9386ED1F	INFO 7200	104 INFO	TX -> 10.0.240.25	97000	7200	97000@10.0.240.6	10.0.240.6		application/media_control+...	Cisco-CUCM8.5			
12:59:14.860	9386ED1F	200 OK	104 INFO	RX <- 10.0.240.25	97000	7200	7200@10.0.240.25	10.0.240.6			TANDBERG Tel...			

# SMART UPGRADE

- Fast and easy installation
- Self- updating-No help from the user.
- New Feature screen post upgrade, alerts the user of SMART of any new features.



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# Questions

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