

Technical Bulletin 37148

Device Certificates on Polycom® SoundPoint® IP, SoundStation® IP, and VVX® 1500 Phones



This Technical Bulletin provides information for system administrators on the availability of the plan to add device certificates on the Polycom SoundPoint IP, SoundStation IP, and VVX 1500 phones.

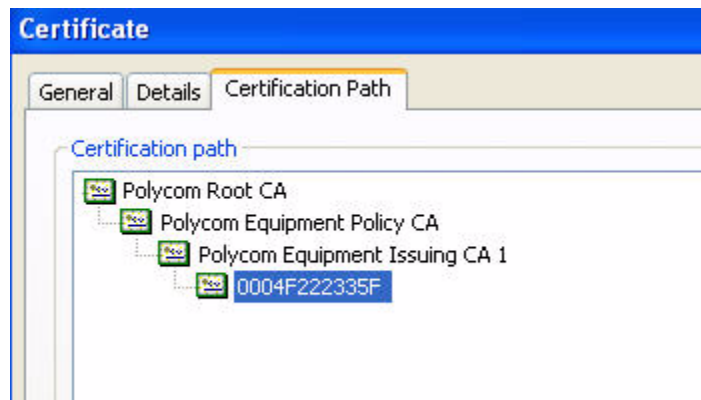
This information applies to Polycom SoundPoint IP, SoundStation IP, and VVX 1500 phones running SIP software version 3.2 or later. This information applies to SoundPoint IP 335 phones running SIP software version 3.2.1RevB or later. This information applies to SoundStation IP 5000 phones running SIP software version 3.2.3 or later. This Technical Bulletin is up-to-date for Polycom UC Software 3.3.0 .

Introduction

Starting in May 2009, Polycom is installing a device certificate on certain SoundPoint IP phone models at the manufacturing facility. Over time, other SoundPoint IP phone models as well as all SoundStation IP and Polycom VVX phone models will have a device certificate. All new phones running the SIP software application will have a device certificate when they start shipping.

A device certificate is/will be required for certain features implemented on the phone. The first of these is the Mutual TLS feature included in the SIP 3.2.0 release. (For details on implementing this feature, refer to Technical Bulletin 52609, which is available at http://www.polycom.com/support/voice/soundpoint_ip/VoIP_Technical_Bulletins_pub.html).

The device (or digital) certificate is a unique certificate based on the MAC address of the phone and signed by Polycom as a Certificate Authority. The Root CA certificate for Polycom may be downloaded from <http://pki.polycom.com/pki> . The device certificate is, in fact, signed by an Intermediate CA that only issues device certificates for Polycom phones (as shown in the following figure).





Due to the nature of the security governing the issuance and tracking of the device certificates, it is not possible to add a device certificate except at the time of manufacture.

This technical bulletin will be updated periodically to document when device certificates are installed by providing the revision codes and date for the updated and new phones.

The topics in this technical bulletin include:

- [Device Certificate Implementation Revision](#)
- [Device Certificate on the Phone](#)

For more information on the certificate format and their uses, refer to the latest *Administrator's Guide for the Polycom UC Software* at <http://www.polycom.com/support/voicedocumentation/>.

Device Certificate Implementation Revision

Phones with an installed device certificates started shipping in June 2009 (SoundPoint IP 321 and 331 phones). Other models will be added over time and this Technical Bulletin will be updated to indicate the revision level and date at which each model first started including a device certificate.

The revision letter can be found on the console label on the rear of the phone or on the shipping label on the product boxes.



Device certificates will not be installed on SoundPoint IP 320, 330, and 430 desktop phones and SoundStation IP 4000 conference phones.

Console Label Revision and Date

An example console label is shown below (with the revision letter K).



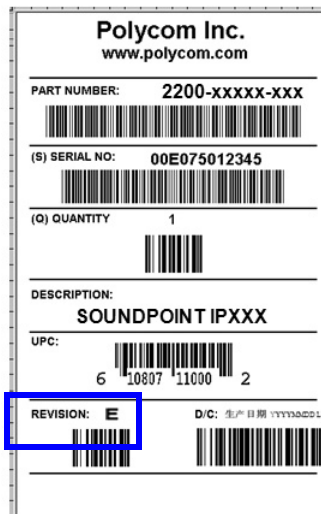
The following table shows the relevant revisions based on the console part number:

Platform	Console Part Number	Revision	Date
SoundPoint IP 320	Not applicable		
SoundPoint IP 321	2201-12360-001	B	May 2009
SoundPoint IP 330	Not applicable		
SoundPoint IP 331	2201-12365-001	B	May 2009
SoundPoint IP 335	2201-12375-001	D	October 2009
SoundPoint IP 430	Not applicable		
SoundPoint IP 450	2201-12450-001	J	July 2009
	2201-12450-002	C	July 2009
	2201-12450-207	C	July 2009
	2201-12451-001	F	July 2009
SoundPoint IP 550	2201-12550-001	L	December 2009
	2201-12550-002	G	December 2009
	2201-12551-001	K	December 2009
	2201-12552-001	J	December 2009
SoundPoint IP 560	2201-12560-001	J	December 2009
	2201-12561-001	C	December 2009
SoundPoint IP 650	2201-12630-001	K	July 2009
	2201-12630-107	E	July 2009
	2201-12651-001	F	July 2009
	2201-12652-001	F	July 2009
	2201-12660-001	E	July 2009
SoundPoint IP 670	2201-12670-001	J	December 2009
	2201-12671-001	D	December 2009
SoundStation IP 4000	Not applicable		
SoundStation IP 5000	2201-30900-001	B	March 2010
SoundStation IP 6000	2201-15600-001	M	January 2010
SoundStation IP 7000	2201-40000-001	H	January 2010

Platform	Console Part Number	Revision	Date
Polycom VVX 1500	2201-18061-001	F	January 2010
	2201-18063-001	TBD	TBD
Polycom VVX 1500 C	2201-18062-001	D	February 2010
Polycom VVX 1500 D	2201-18064-001	B	January 2010

Shipping Box Label Revision and Date

An example shipping label is shown below (with the revision letter E).



The following table shows the relevant revisions based on the shipping box part number:

Platform	Box Part Number	Revision	Date
SoundPoint IP 320	Not applicable		
SoundPoint IP 321	2200-12360-001	B	May 2009
	2200-12360-025	B	May 2009
SoundPoint IP 330	Not applicable		
SoundPoint IP 331	2200-12365-001	B	May 2009
	2200-12365-025	B	May 2009
SoundPoint IP 335	2200-12375-001	A	October 2009
	2200-12375-025	C	January 2010
SoundPoint IP 430	Not applicable		

Platform	Box Part Number	Revision	Date
SoundPoint IP 450	2200-12450-001	G	July 2009
	2200-12450-002	G	July 2009
	2200-12450-012	J	July 2009
	2200-12450-015	G	July 2009
	2200-12450-016	D	July 2009
	2200-12450-022	D	July 2009
	2200-12450-025	H	July 2009
	2200-12450-030	D	July 2009
	2200-12450-122	G	July 2009
	2200-12450-207	C	July 2009
	2200-12451-001	C	July 2009
	2302-12450-012	F	July 2009
	2302-12450-025	D	July 2009
	SoundPoint IP 550	2200-12550-001	N
2200-12550-002		N	December 2009
2200-12550-012		P	December 2009
2200-12550-015		N	December 2009
2200-12550-016		M	December 2009
2200-12550-022		N	December 2009
2200-12550-025		N	December 2009
2200-12550-030		H	December 2009
2200-12550-122		N	December 2009
2200-12551-001		J	December 2009
2200-12553-212		F	December 2009
2302-12550-012		R	December 2009
2302-12550-025		H	December 2009
2311-12550-025		J	December 2009
2505-12550-025		L	December 2009

Platform	Box Part Number	Revision	Date
SoundPoint IP 560	2200-12560-001	P	December 2009
	2200-12560-002	J	December 2009
	2200-12560-012	J	December 2009
	2200-12560-015	J	December 2009
	2200-12560-022	D	December 2009
	2200-12560-025	P	December 2009
	2200-12560-030	G	December 2009
	2200-12560-122	J	December 2009
	2200-12560-125	J	December 2009
	2302-12560-025	F	December 2009
	2505-12560-025	K	December 2009
SoundPoint IP 650	2200-12651-001	M	July 2009
	2200-12651-002	K	July 2009
	2200-12651-012	N	July 2009
	2200-12651-015	M	July 2009
	2200-12651-016	K	July 2009
	2200-12651-022	L	July 2009
	2200-12651-025	K	July 2009
	2200-12651-030	D	July 2009
	2200-12651-107	H	July 2009
	2200-12651-122	M	July 2009
	2200-12651-125	L	July 2009
	2308-12651-001	K	July 2009
	2308-12651-012	H	July 2009
	2308-12651-015	K	July 2009
	2308-12651-122	J	July 2009
	2302-12651-012	J	July 2009
	2302-12651-025	D	July 2009
	2302-12651-025	G	July 2009

Platform	Box Part Number	Revision	Date
SoundPoint IP 670	2200-12670-001	K	December 2009
	2200-12670-002	J	December 2009
	2200-12670-012	K	December 2009
	2200-12670-015	J	December 2009
	2200-12670-016	G	December 2009
	2200-12670-022	J	December 2009
	2200-12670-025	K	December 2009
	2200-12670-030	E	December 2009
	2200-12670-122	J	December 2009
	2302-12670-025	E	December 2009
	2505-12670-025	H	December 2009
SoundStation IP 4000	Not applicable		
SoundStation IP 5000	2215-30940-001	B	March 2010
SoundStation IP 6000	2200-15600-001	J	January 2010
SoundStation IP 7000	2200-40000-001	K	January 2010
Polycom VVX 1500	2200-18061-001	Not applicable. No longer shipping.	
	2200-18061-025	F	January 2010
	2302-18061-025	TBD	TBD
Polycom VVX 1500 C	2200-18062-001	Not applicable. No longer shipping.	
	2200-18062-025	G	February 2010
Polycom VVX 1500 D	2200-18064-025	B	January 2010

Device Certificate on the Phone

To determine if there is a device certificate on a SoundPoint IP, SoundStation IP, or Polycom VVX phone:

1. Press the **Menu** key, and then select **Status > Platform > Phone**.
2. Scroll down to the bottom of screen.

One of three messages will be displayed:

- » “Device Certificate: Installed” is displayed if the certificate is available in flash memory, all the certificate fields are valid and certificate has not expired.

For a list of all certificate fields, refer to the latest *SIP Administrator's Guide* at <http://www.polycom.com/support/voicedocumentation/>

- » “Device Certificate: Not Installed” is displayed if the certificate is not available in flash memory or the flash memory location where the device certificate is to be stored is blank.
- » “Device Certificate: Invalid” is displayed if the certificate is not valid.

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