

Revised: July 10, 2009

<b>About Cisco Unified Communications Manager Express (Cisco Unified CME)</b>	
Documentation	See <a href="#">Cisco Unified CME product documentation</a> .
Cisco IOS Compatibility	Other Cisco IOS software releases may inherit Cisco Unified CME 7.0. To get a list of Cisco IOS software releases that support Cisco Unified CME 7.0, go to <a href="#">Feature Navigator</a> . <b>NOTE:</b> Cisco Unified CME 7.0 includes the same features as Cisco Unified CME 4.3, which is renumbered to 7.0 to align with Cisco Unified Communications versions.
Downloads	To download Cisco Unified CME software and phone firmware files, go to the <a href="#">Cisco Software Download</a> site.
DDTS Information	To find the latest Cisco Unified CME DDTS information, go to <a href="#">Bug Toolkit</a> and search by product, for Cisco Unified Communications Manager Express (Cisco Unified CME).

#### **Important Information about Configuring Cisco Unified IP Phone Support**

When configuring the **load** command:

- In Cisco Unified CME 7.0 and earlier versions, do not include the .sbin or .loads file suffix except for the Cisco ATA and Cisco Unified IP Phone 7905 and 7912.
- In Cisco Unified CME 7.0(1) and later versions, use the complete filename, including the file suffix, when you configure the **load** command for phone firmware versions later than version 8-2-2 for all phone types.

When configuring the **load** command for IP phones such as the Cisco Unified IP Phone 7906G, 7911G, 7941G, 7941GE, 7961G, 7961GE, 7970G, and 7971G, configure only the filenames that are marked with an asterisk (\*) in the table below.

Only SCCP phones can be configured as agent phones for Unified CCX 5.0 in Cisco Unified CME 4.2 and later versions. The Cisco VG224 Analog Phone Gateway and analog and SIP phones are supported as usual in Cisco Unified CME, however, not as Unified CCX agent phones.

<b>Cisco Unified IP Phone Support</b>			
<b>Device Type</b>	<b>SCCP Firmware Filename</b>	<b>SIP Firmware Filename</b>	<b>Comments</b>
Cisco <b>ATA-186</b>	ATA030203SCCP051201A.zup	ATA030200SIP041111A.zup	
Cisco <b>ATA-188</b>	ATA030203SCCP051201A.zup	ATA030200SIP041111A.zup	
Cisco <b>VG224</b>	--	--	SCCP analog ports supported with Cisco IOS Software Release 12.4(9)T and later. For configuration information, see <a href="#">SCCP Controlled Analog (FXS) Ports with Supplementary Features in Cisco IOS Gateways</a> .
Cisco IP Communicator	--	--	Cisco IP Communicator v 2.0(2) and higher supported
Cisco Unified IP Phone <b>3911</b>	--	SIP3951.8-1-1.loads*	
Cisco Unified IP Phone <b>7902</b>	CP7902080002SCCP051117A.sbin	--	
Cisco Unified IP Phone <b>7905G</b>	CP7905080001SCCP051117A.sbin	--	<b>Signed image</b>
	CP7905080001SCCP051117A.zup	CP7905080001SIP060412A.zup	<b>Unsigned image</b>
Cisco Unified IP Phone <b>7906G</b> and <b>7911G</b>	SCCP11.8-3-3S.loads* term06.default.loads term11.default.loads apps11.8-3-2-27.sbn cvm11sccp.8-3-2-27.sbn cnu11.8-3-2-27.sbn dsp11.8-3-2-27.sbn jar11sccp.8-3-2-27.sbn	SIP11.8-2-1S.loads* term06.default.loads term11.default.loads apps11.8-0-2-55.sbn cnu11.8-2-0-55.sbn cvm11sip.8-2-0-55.sbn dsp11.8-2-0-55.sbn jar11sip.8-0-2-25.sbn	
Cisco Unified IP Phone <b>7910</b>	P00405000700.sbn	--	<b>Signed image</b>
	P00405000700.bin	--	<b>Unsigned image</b>
Cisco Unified IP Phone <b>7912G</b>	CP7912080003SCCP070409A.sbin	CP7912080001SIP060412A.sbin	
Cisco Unified IP Phone	S00105000300.sbn	--	

<b>Cisco Unified IP Phone Support</b>			
<b>Device Type</b>	<b>SCCP Firmware Filename</b>	<b>SIP Firmware Filename</b>	<b>Comments</b>
<b>7914 Expansion Module</b>			
Cisco Unified IP Phone <b>7915 Expansion Module</b>	B015-1-0-2.sbn		To support a 7915 or 7916 expansion module, IP phones must have firmware 8-3-5 or a later version. The 7915 and 7916 expansion modules are supported only on the 7962, 7965, and 7975.
Cisco Unified IP Phone <b>7916 Expansion Module</b>	B016-1-0-2.sbn		To support a 7915 or 7916 expansion module, IP phones must have firmware 8-3-5 or a later version. The 7915 and 7916 expansion modules are supported only on the 7962, 7965, and 7975.
Cisco Unified Wireless IP Phone <b>7920</b> and <b>7921</b>	See <a href="#">software download site</a> for latest firmware version.		
Cisco Unified Wireless IP Phone <b>7925G</b>	See <a href="#">software download site</a> for latest firmware version.		
Cisco Unified IP Phone <b>7931G</b>	SCCP31.8-3-3S.loads* term31.default.loads apps31.8-3-2-27.sbn cnu31.8-3-2-27.sbn cvm31sccp.8-3-2-27.sbn dsp31.8-3-2-27.sbn jar31sccp.8-3-2-27.sbn	--	
Cisco Unified IP Conference Station <b>7935</b>	P00503021500.bin	--	
Cisco Unified IP Conference Station <b>7936</b> and <b>7937G</b>	See <a href="#">software download site</a> for latest firmware version.	--	

<b>Cisco Unified IP Phone Support</b>			
<b>Device Type</b>	<b>SCCP Firmware Filename</b>	<b>SIP Firmware Filename</b>	<b>Comments</b>
Cisco Unified IP Phone <b>7940G and 7960G</b>	P00308000500.loads* P00308000500.sb2 P00308000500.sbn	POS3-08-6-02.loads* POS3-08-6-02.sb2 POS3-08-6-02.sbn	
Cisco Unified IP Phone <b>7941G and 7941G-GE</b>	SCCP41.8-3-3S.loads* term41.default.loads apps41.8-3-2-27.sbn cnu41.8-3-2-27.sbn cvm41sccp.8-3-2-27.sbn dsp41.8-3-2-27.sbn jar41sccp.8-3-2-27.sbn	SIP41.8-3-3S.loads* term41.default.loads apps41.8-3-2-27.sbn cnu41.8-3-2-27.sbn cvm41sip.8-3-2-27.sbn dsp41.8-3-2-27.sbn jar41sip.8-3-2-27.sbn	
Cisco Unified IP Phone <b>7942G and 7962G</b>	SCCP42.8-3-3S.loads* term42.default.loads term62.default.loads apps42.8-3-2-27.sbn cnu42.8-3-2-27.sbn cvm42sccp.8-3-2-27.sbn dsp42.8-3-2-27.sbn jar42sccp.8-3-2-27.sbn	SIP42.8-3-3S.loads* term42.default.loads term62.default.loads apps42.8-3-2-27.sbn cnu42.8-3-2-27.sbn cvm42sip.8-3-2-27.sbn dsp42.8-3-2-27.sbn jar42sip.8-3-2-27.sbn	
Cisco Unified IP Phone <b>7945G and 7965G</b>	SCCP45.8-3-3S.loads* term45.default.loads term65.default.loads apps45.8-3-2-27.sbn cnu45.8-3-2-27.sbn cvm45sccp.8-3-2-27.sbn dsp45.8-3-2-27.sbn jar45sccp.8-3-2-27.sbn	SIP45.8-3-3S.loads* term45.default.loads term65.default.loads apps45.8-3-2-27.sbn cnu45.8-3-2-27.sbn cvm45sip.8-3-2-27.sbn dsp45.8-3-2-27.sbn jar45sip.8-3-2-27.sbn	
Cisco Unified IP Phone <b>7961G and 7961G-GE</b>	SCCP41.8-3-3S.loads* term61.default.loads apps41.8-3-2-27.sbn cvm41sccp.8-3-2-27.sbn cnu41.8-3-2-27.sbn	SIP41.8-3-3S.loads* term61.default.loads apps41.8-3-2-27.sbn cnu41.8-3-2-27.sbn cvm41sip.8-3-2-27.sbn	

Cisco Unified IP Phone Support			
Device Type	SCCP Firmware Filename	SIP Firmware Filename	Comments
	dsp41.8-3-2-27.sbn jar41sccp.8-3-2-27.sbn	dsp41.8-3-2-27.sbn jar41sip.8-3-2-27.sbn	
Cisco Unified IP Phone <b>7970G</b> and <b>7971G</b>	SCCP70.8-3-3S.loads* term70.default.loads term71.default.loads cvm70sccp.8-3-2-27.sbn cnu70.8-3-2-27.sbn jar70sccp.8-3-2-27.sbn apps70.8-3-2-27.sbn dsp70.8-3-2-27.sbn	SIP70.8-3-3S.loads* term70.default.loads term71.default.loads apps70.8-3-2-27.sbn cnu70.8-3-2-27.sbn cvm70.sip.8-3-2-27.sbn dsp70.8-3-2-27.sbn jar70.sip.8-3-2-27.sbn	For configuration information, see <a href="#">Cisco Unified CME with the Cisco 7970 Color IP Phone Configuration Example</a>
Cisco Unified IP Phone <b>7975G</b>	SCCP75.8-3-3S.loads* term75.default.loads apps75.8-3-2-27.sbn cnu75.8-3-2-27.sbn cvm75sccp.8-3-2-27.sbn dsp75.8-3-2-27.sbn jar75sccp.8-3-2-27.sbn	SIP75.8-3-3S.loads* term75.default.loads apps75.8-3-2-27.sbn cnu75.8-3-2-27.sbn cvm75sip.8-3-2-27.sbn dsp75.8-3-2-27.sbn jar75sip.8-3-2-27.sbn	
Cisco Unified IP Phone <b>7985G</b>	See <a href="#">software download site</a> for latest firmware version.	--	
Cisco Unified Video Advantage	Cisco Unified Video Advantage 1.0(2), 2.0 and higher supported with Cisco Unified IP Phone 7931, 794X, 796X, and 797X, and Cisco IP Communicator.		

Supported Platforms and Memory Specifications: SCCP IP Phones*					
Cisco Platform	Maximum Total <sup>1</sup> IP Phones	Maximum SCCP IP Phones	Maximum Total Virtual Ports (dns)	Recommended DRAM	Recommended Flash Memory
Cisco IAD 2430	25	25	120	256	128
Cisco 1861	15	15	48	256	128
Cisco 2801	25	25	120	256	128

**Supported Platforms and Memory Specifications: SCCP IP Phones\***

Cisco Platform	Maximum Total <sup>1</sup> IP Phones	Maximum SCCP IP Phones	Maximum Total Virtual Ports (dns)	Recommended DRAM	Recommended Flash Memory
Cisco 2811	35	35	144	256	128
Cisco 2821	50	50	192	256	128
Cisco 2851	100	100	288	384	128
Cisco 3250	20	20	100	128	32 (fixed)
Cisco 3270	48	48	240	256	64 (fixed)
Cisco 3825	175	175	500	384	128
Cisco 3845	250	250	720	384	128

\* These memory recommendations and maximum numbers of IP phones are for common Cisco Unified CME configurations only. Systems with large numbers of phones and complex configurations may not work on all platforms and can require additional memory or a higher performance platform.

1. Total number of connected IP phones cannot exceed Maximum Total listed including SCCP and SIP phones on the same router.

**Supported Platforms and Memory Specifications: SIP IP Phones\***

Cisco Platform	Maximum Total <sup>1</sup> IP Phones	Maximum SIP IP Phones	Maximum Total Virtual Ports	Recommended DRAM	Recommended Flash Memory
Cisco IAD 2430	25	NA	NA	256	128
Cisco 1861	15	15	48	256	128
Cisco 2801	25	25	120	256	128
Cisco 2811	35	25	144	256	128
Cisco 2821	50	50	192	256	128
Cisco 2851	100	100	288	384	128
Cisco 3825	175	175	500	384	128
Cisco 3845	250	250	720	384	128

\* These memory recommendations and maximum numbers of IP phones are for common Cisco Unified CME configurations only. Systems with large numbers of phones and complex configurations may not work on all platforms and can require additional memory or a higher performance platform.

1. Total number of connected IP phones cannot exceed Maximum Total listed including SCCP and SIP phones on the same router.

Compatible Voice Products		
Product Name	Version	Comments
Cisco Customer Response Solutions (CRS) with Cisco Unified Contact Center Express (Unified CCX)	--	Interoperability between Cisco Unified CME and Cisco CRS with Cisco Unified CCX is supported as of Cisco IOS Release 12.4(11)XW2. To determine supported product version combinations for Cisco Unified CCX and Cisco Unified CME, sorted by the Cisco Unified CCX version, see the <a href="#">Cisco Unified Contact Center Express SW and HW Compatibility Guide</a> .
Cisco Unified Communications Manager	--	See the <a href="#">Cisco Unified Communications Manager compatibility information</a> .
Cisco Unified CME Telephony Service Provider (TSP)	2.1.2	Compatible with Cisco Unified CME 4.1 using Cisco IOS Release 12.4(15)T1 or a later release. Provides support for Windows Vista.
Cisco Unity	--	See <a href="#">SCCP and SIP compatibility matrices</a> .
Cisco Unity Express	--	See the <a href="#">Cisco Unity Express Compatibility matrix</a> .
Cisco BTS 10200 Softswitch	3.2.(0)V04	Verified with H.323 trunking.
Cisco PGW 2200	9.4.1	Verified with SIP trunking.
Cisco VG224	Cisco IOS Release 12.4(9)T or 12.4(11)T	Verified with SCCP analog ports.