Release Notes for Collaboration Sizing Tool 14.0(2)

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This guide describes updated information, caveats, and known issues for the Cisco Collaboration Sizing Tool, Release 14.0(2).

This guide includes the following sections:

Components Sized by Collaboration Sizing Tool, Release 14.0(2)	This section lists component releases that are supported by this release of the sizing tool.
New Features and Enhancements	This section lists new features and enhancements for this release of the sizing tool.
Related Documentation	This section provides links to related documents.
Limitations and Restrictions	This section lists system requirements and any limitations or restrictions for this release of the sizing tool.
Caveats	This section includes: ■ Steps on using the Bug Search Tool. ■ Unresolved caveats in this sizing tool release.
Release History	This section lists the history of the sizing tool releases.

Components Sized by the Collaboration Sizing Tool, Release 14.0(2)

The Collaboration Sizing Tool lets you quickly and accurately size large and complex Cisco Collaboration Systems. Collaboration Sizing Tool, Release 14 includes support for Cisco Collaboration Systems Releases 10.0(1), 10.5(1), 10.6(1), 11.0(1), 11.1, 11.5(1), 11.6, 12.0(1), 12.1, 12.5, 12.6, 12.7 and 14 and the associated products. The following table summarizes the components and releases that the Collaboration Sizing Tool, Release 14 supports.

Table 1. Component Releases Supported by Collaboration Sizing Tool

Category	Component	Releases Supported By Sizing Tool
IP Telephony	Cisco Unified Communications Manager	10.0(x), 10.5(x), 11.0(x), 11.5(x), 12.0(x), 12.5(x), 14
	IM and Presence Service	10.0(x), 10.5(x), 11.0(x), 11.5(x), 12.0(x), 12.5(x), 14

Category	Component	Releases Supported By Sizing Tool
	Cisco Prime License Manager	10.0(x), 10.5(x), 11.0(x), 11.5(x)
	Cisco Unified Survivable Remote Site Telephony	All
	Cisco Unified Communications Manager Session Manager Edition	10.0(x), 10.5(x), 11.0(x), 11.5(x), 12.0(x), 12.5(x), 14
	Cisco Expressway	X8.1, X8.2, X8.5, X8.6, X8.7, X8.8, X8.9, X8.10, X8.11, X12.5, X14
Customer Collaboration	Cisco Unified Contact Center Enterprise	10.0(x), 10.5(1),11.0(1), 11.5(1), 12.0(1), 12.5(1)
	Cisco Unified Customer Voice Portal	10.0(x), 10.5(1), 11.0(1), 11.5(1), 12.0(1)
	Cisco Unified IP IVR	9.0(x), 10.0(x), 10.5(1), 11.0(1), 11.5(1), 12.0(1)
	Cisco Unified Intelligence Center	9.0(x), 9.1(x), 10.0(x), 10.5(1), 11.0(1), 11.5(1), 12.0(1)
	Cisco Unified Contact Center Express	9.0(x), 10.0(x), 10.5(1), 10.6(1), 11.0(1), 11.5(1), 11.6(1), 11.6(2), 12.0(1)
	Cisco Finesse	9.0(x), 9.1(x), 10.0(x), 10.5(1), 11.0(1), 11.5(1), 12.0(1)
Unified Communications Applications	Cisco Unity Connection	8.0(x) 8.5(x), 8.6(x) 9.0(x), 9.1(x), 10.0(x), 10.5(1), 10.5(2), 11.0(1), 11.5(1), 12.0(1), 12.5(1), 14
	Cisco Unified MeetingPlace	8.6(x)
	Cisco Webex Meetings Server	2.0(x), 2.5(1), 2.6(1), 2.7, 2.8, 3.0
	Cisco Emergency Responder	10.0(x), 10.5(1), 11.0(1), 11.5(1), 12.0(1), 12.5(1), 14
	Cisco MediaSense	10.0(x),10.5(1), 11.0(1), 11.5(1)
	Cisco MediaProxy	12.5
	Cisco TelePresence Server	3.1, 4.0, 4.1, 4.2, 4.3, 4.4
	Cisco Meeting Server	2.0, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8
	Cisco Meeting Management	1.0, 2.5, 2.6, 2.7, 2.8

Category	Component	Releases Supported By Sizing Tool
	Cisco TelePresence Conductor	XC2.2, XC2.3, XC3.0, XC4.0, XC4.1, XC4.2, XC4.3
	Cisco TelePresence MCU	MCU 8510, MCU 5320, MCU 5310
	Cisco TelePresence Management Suite	14.4, 14.5, 14.6, 15.0, 15.1, 15.2, 15.3, 15.4, 15.5, 15.6, 15.7, 15.8, 15.9
	Cisco Hybrid Media Node	All
Endpoints and Clients	Cisco Unified IP Phones	All
	Cisco IP Communicator	
	Cisco Unified Client Services Framework	
	Cisco Unified Personal Communicator	
	Cisco Unified Mobile Communicator	
	ARC OEM Attendant Console	
	Third Party Application CTI Integrations	
Communications Infrastructure	Cisco IOS Software	Mainline (extended maintenance): 15.1(4)M, 15.2(4)M, 15.3(3)M, 15.6(1)M, 15.7(x), 15.10 Technical (standard maintenance): 15.1(1)T, 15.1(2)T, 15.1(3)T, 15.3(2)T, 15.4(1)T, 15.4(2)T, 15.5(1)T, 15.5(2)T, 15.6(1)T, 15.6(2)T XE: 3.1(x), 3.2(x), 3.6(x), 3.7(x), 3.8(x), 3.10(x), 3.11(x), 3.12(x), 3.13, 3.14, 3.15, 3.16, 3.17, 16.3, 16.4, 16.5, 16.6, 16.7, 16.8, 16.9, 16.10, 16.11, 16.12, 17.1
	Cisco IOS Gateways	Cisco 1861 Series, Cisco 2800 Series, Cisco 3800 Series, Cisco 2900 Series, Cisco 3900 Series, Cisco 4300 Series, Cisco 4400 Series, Cisco AS5350XM, Cisco AS5400XM, Cisco VGD-1T3

Category	Component	Releases Supported By Sizing Tool
	Cisco Unified Border Element	Cisco 2800 Series, Cisco 3800 Series, Cisco 2900 Series, Cisco 3900 Series, Cisco 4451-X, Cisco 4431, Cisco 4300 Series, Cisco ASR 1000 Series, Cisco CSR 1000 Series, Cisco AS5350XM, Cisco AS5400XM, Cisco AS5400HPX, Cisco VGD-1T3
Network Management	Cisco Prime Collaboration	10.0, 10.5, 10.6, 11.0, 11.1, 11.5, 11.6, 12.1, 12.2, 12.3, 12.4, 12.6

New Features and Enhancements

This release provides the following updates:

- Solution saving to XML for System Releases other than 14 could fail or will be incomplete.

- Call processing utilization increase for Cisco Unified Communications Manager and IM and Presence Service versions 11.5(1)SU10 to 12.5. This is due to software patches for Spectre and Meltdown defect mitigation.

- The maximum number of Regions and Locations allowed per Unified CM servers is doubled: Up to 4000 Regions and 4000 Locations for Medium and Large platforms or 7,500 or 10,000 users.

Related Documentation

The following related documentation is available for Release 14.0(2) of the Collaboration Sizing Tool:

- Collaboration Sizing Tool Help Files

- Collaboration Sizing Tool Frequently Asked Questions

- Cisco Collaboration Preferred Architecture

- Solution Design Guides for Unified CCE and Unified CCX

Collaboration Sizing Tool Help Files

The help files are packaged with the downloadable version of the Collaboration Sizing Tool. The Collaboration Sizing Tool is available for download at:

https://www.cisco.com/go/cst

You can access the help files by clicking the Help option available on the menu bar at the top of the sizing tool pages. The help files provide background information about how the tool works, introduce the user interface, and include a systematic reference for input fields in the interface. It also provides information about sources of input when sizing an upgrade, or change, to an existing deployment.

Collaboration Sizing Tool Frequently Asked Questions (FAQs)

https://cucst.cloudapps.cisco.com/help/UC_Sizing_Tools_FAQ.pdf

This document answers frequently asked questions about the Collaboration Sizing Tool.

Note: This FAQ document is also included with the tool installation package, **in the tool's default installation folder.**

Cisco Collaboration Preferred Architecture

https://www.cisco.com/c/en/us/td/docs/voice_ip_comm/uc_system/design/guides/PAdocs.html

Cisco Preferred Architectures (PAs) provide tested and recommended deployment models for the Enterprise market segment based on common use cases. They incorporate a subset of products from the Cisco Collaboration portfolio that are best suited for the Enterprise and defined use cases. These deployment models are prescriptive and built to scale with an organization as its business needs change. This prescriptive approach simplifies the integration of multiple system-level components..

Solution Design Guides for Unified CCE and Unified CCX

https://www.cisco.com/c/en/us/support/customer-collaboration/unified-contact-center-enterprise/products-implementation-design-guides-list.html

https://www.cisco.com/c/en/us/support/customer-collaboration/unified-contact-center-express/products-implementation-design-guides-list.html

These documents provide design considerations and guidelines for deploying Cisco Unified Contact Center Enterprise (Unified CCE) or Cisco Unified Contact Center Express (Unified CCX) solutions.

Limitations and Restrictions

The following are limitations and restrictions that may affect the Collaboration Sizing Tool, Release 140(2).

Note: When starting CST on Windows 10 or 11, with the latest published version of MS Office 365, a Move or Copy screen will popup. You must click Cancel thrice to continue loading CST. This action will close the popup window and the tool will load normally.

Minimum System Requirements

- Windows XP (running on a PC or VM on a MAC)

- MS Office 2010, SP2 or newer is required.

- If using MS Office 2013, SP1 is required.

- If using Windows 10, you may receive an error suggesting that the sizing tool installer is unsafe. If this happens, click More info and then click Run anyway to install the app.

Manually Install the Sizing Tool

Before You Begin

To manually install and run the sizing tool, you must have administrative or equivalent privileges on the machine, or some tool features may be impaired.

1. Download the installer file (CiscoSizingTool.exe) from https://www.cisco.com/go/cst.

2. Launch the installer with the administrator privilege (right click and select Run as Administrator).

3. Select the Excel 2016 compatible package on the Choose Components page of the running installer.

4. Once the installation is successful, open the Sizing Tool.

   Note: If the tool does not open correctly, try to launch it using administrator privilege.

MS Windows Region and Language Setting

The sizing tool follows your MS OS configuration. To avoid potential problems when using the sizing tool, we recommend that you keep the default Region and Language settings for your version of MS Windows and MS Office.

If you manually change the Region and Language settings, you may encounter issues with the sizing tool. For example, if you have a US English-based MS Windows 10 with MS Office 2016 installation and you change the Region Format to Turkish, the Decimal symbol and Digit grouping symbol change. This change causes errors in the sizing tool.

Decimal Separator

In some regions, commas (instead of decimal points) are used to separate the integer and fractional parts of a number (for example 1,25 instead of 1.25). This use of the comma can lead to errors or issues when loading solution information from XML (if values written to the XML use commas in place of decimal points). For this reason, we recommended that periods "." are used as the decimal separator in solution values rather than commas.

To specify the preferred decimal separator settings:

1. On the Excel file menu, click the Excel Options button.

2. In the Excel Options window, click Advanced in the panel on the left.

3. For the Use system separators option, specify a period (full stop) as the Decimal Separator and a comma as the Thousands separator.

4. Click OK in the Excel Options dialog.

Tool Download Problems

■ To download the installer file, use a browser other than MS Edge or MS IE 11.x you may receive a download error that includes a false positive virus detection.

■ If you use the Download Now button on the sizing tool start page, Cisco SSO authentication to the tool download website may fail. If you experience any issues with direct download or are not running the latest version:

1. Go to the following link directly from your browser: https://www.cisco.com/go/cst

2. Download the latest Collaboration Sizing Tool

3. Install it. No uninstall is necessary.

PG Sizing

The sizing tool oversubscribes IVR resources to Agent PGs in cases when the incoming port requirements for talking agents, queuing, and self-service, is greater than 1000. For systems requiring more than 1000 ports for an Agent PG, regardless of the number of Agents, we recommend sizing your solution with VRU PGs for all incoming traffic.

Media Streaming and Recording

Beginning from release 12.0(1), the Media Streaming and Recording component is no longer available in the Collaboration Sizing Tool solution.

Display PDFs

To open and display the exported Solution Summary Report, you need a PDF viewer application.

Upgrades

Release 14 of Cisco Unified Communications Manager, Cisco IM and Presence Service, Cisco Emergency Responder, and Cisco Prime Collaboration Deployment, all of which are supported with the Cisco Collaboration Sizing Tool, Release 14.0(2), contain software patches for the Meltdown and Spectre microprocessor vulnerabilities.

Before you upgrade, we recommend that you work with your channel partner or account team to use the Cisco Collaboration Sizing Tool to compare your current deployment to an upgraded deployment. If required, change VM resources to ensure that your upgraded deployment provides the best performance.

Caveats

This section describes the open and unresolved caveats affecting Collaboration Sizing Tool, Release 14.0(2).

Using the Bug Search Tool

You can search for problems by using the Cisco Bug Search Tool. To access the Bug Search Tool, you need the following:

■ Internet connection

■ Web browser

■ Cisco.com user ID and password

To use the Bug Search Tool, perform the following steps:

1. From your web browser, go to https://bst.cloudapps.cisco.com/bugsearch/.

2. Log on with your Cisco.com user ID and password.

3. To look for information about a specific problem:

■ Enter the bug ID or details in the Search for field.

■ If desired, select the Product or Releases.

Unresolved Caveats in This Release

The following caveats are unresolved in this Collaboration Sizing Tool release.

Table 2. Open Caveats in the Unified CM Sizing Tool Release

Identifier	Headline
None	None

Release History

The following table summarizes the release history of the Collaboration Sizing Tool.

Table 3. Collaboration Sizing Tool Release History

Sizing Tool Version Number	Date	Resolved Items and New Features
Release 14.0(2)	June 03, 2021	This release includes the following updates: • Solution saving to XML for System Releases other than 14 could fail or will be incomplete. • Call processing utilization increase for Cisco Unified Communications Manager and IM and Presence Service versions 11.5(1)SU10 to 12.5. This is due to software patches for Spectre and Meltdown defect mitigation. • The maximum number of Regions and Locations allowed per Unified CM servers is doubled: Up to 4000 Regions and 4000 Locations for Medium and Large platforms or 7,500 or 10,000 users

Sizing Tool Version Number	Date	Resolved Items and New Features
Release 14 (build 004)	April 20, 2021	Since the initial release of CST 14, the following corrections have been implemented to correct minor issues with the initial release: • Correction to Contact Center processes utilization reporting • Update to correct IM and Presence Service sizing with the 1000 user OVA • Corrections to Processor Type selection
Release 14	April 06, 2021	This release provides the following updates: • Sizing updates for Cisco Unified Communications Manager (Large, Medium and Small OVA) • Introduction of CPU-based scaling via Processor Generation and Processor Clock Speed • Sizing update for IM and Presence Service • Cisco Unity Connection platform extension to include Google Workspace • Added Cisco Meeting Server web app external client support via Expressway or CMS Edge Server • Bug fixes and improvements
Release 12.7(2)	May 19, 2020	This release provides the following updates: • Sizing updates for Unified Contact Center Express server • Bug fixes and improvements

Sizing Tool Version Number	Date	Resolved Items and New Features
Release 12.7(1)	February 4, 2020	This release provides the following updates: • Supported releases updated to remove End of Life Cisco Unified Communications Manager releases, including 8.6(x), 9.0(x) and 9.5(x). Support within this release category also removed for IM and Presence Service and some other UC applications. • Updated inputs for the IM and Presence Service. Note that IM and Presence estimated capacities are adjusted to reflect actual capacities more accurately. • The audio-only conferencing capacity estimate for Cisco Meeting Server is reduced from 3000 users per bridge to 2200 users to reflect actual capacities more accurately. • Support added for new releases of Cisco Meeting Server, Cisco Meeting Management, TelePresence Management System and IOS gateways. • Server capacity warning messages were added to help administrators sizing Prime Collaboration Provisioning and Prime Collaboration Assurance deployments. • Bug fixes and improvements.
Release 12.6(2)	August 13, 2019	This release provides the following updates: • Bug fixes and improvements • Fixes for broken links within the CST tool.
Release 12.6(1)	June 11, 2019	This release updates the list of supported applications to include CSR 12.6 applications.
Release 12.5(2)	March 07, 2019	This release updates Cisco Unified Communications Manager sizing with the following enhancements: ■ New inputs to specify the number of users who IPv6 addresses and the number of users using IPv4 addresses. ■ You can now override the recommended number of Unified CM call processing VM pairs and input the number that you plan to deploy. The value you enter gets used in the final calculation of VM Resources.

Sizing Tool Version Number	Date	Resolved Items and New Features
Release 12.5(1)	January 17, 2019	This release provides the following updates and enhancements: ■ Webex Video Mesh is introduced for on-premise support for Unified CM-registered SIP audio and video clients, devices, conferencing systems, and Webex Teams clients. ■ Hybrid calling sizing is no longer supported via the Collaboration Sizing Tool. The Hybrid Media Node option is removed. In addition, some hybrid calling fields have been removed from the Unified Communications Manager and Expressway inputs. ■ Cisco Meeting Server includes new inputs to allow for more accurate sizing when adding CMS Conferencing traffic. ■ The list of supported applications is updated to include CSR 12.5 components and versions. Business rules updates for the following products: ■ Cisco Unified Communications Manager ■ IM and Presence Service ■ Cisco Emergency Responder ■ Cisco Unified Contact Center Express ■ Cisco Unity Connection Sizing updates to following products due to the Spectre/Meltdown updates: ■ Cisco Unified Communications Manager ■ IM and Presence Service ■ Cisco Emergency Responder
Release 12.1(3)	October 30, 2018	This release provides bug fixes and enhancements to Cisco Unified Communications Manager. Added questions about use of third-party tools on the Unified Communications Manager Deployment Model page. Also includes improved Expressway sizing rules for better estimate of Cisco Unified CM clusters and server requirements on non-hybrid (MRA only) deployments.

Sizing Tool Version Number	Date	Resolved Items and New Features

Release 12.1(2)	August 8, 2018	This release provides the following updates:
		
		■ Bug fixes
		
		■ Added business rules for the following products:
		
		    o Cisco Expressway X8.11
		
		■ Improved Expressway sizing rules for better estimates of server requirements.
		
		■ Updated new product names:
		
		    o Cisco Spark changed to Cisco Webex Teams
		
		    o Cisco WebEx Meetings Server changed to Cisco Webex Meetings Server

Release 12.1(1)	May 1, 2018	This release provides the following updates:
		
		■ Bug fixes
		
		■ Added business rules for the following products:
		
		    o Cisco WebEx Meeting Server 3.0
		
		    o Cisco Meeting Server 2.3
		
		    o Cisco TelePresence Management Suite 15.6
		
		    o Cisco Prime Collaboration Assurance 12.1
		
		    o Cisco Prime Collaboration Provisioning 12.4
		
		■ Improved Expressway sizing rules for better estimates of server requirements.

Release 12.0(3)	November 3, 2017	This release added support for Cisco Meeting Management 1.0.
Release 12.0(2)	October 9, 2017	This release includes software bug fixes and enhancements.

Sizing Tool Version Number	Date	Resolved Items and New Features

Release 12.0(1)	August 24, 2017	This release provides the following updates and enhancements:
		
		■ Updated Software, performance impacting features, virtual machines, hardware, SKUs, and latest performance test results for the following products:
		
		    o Cisco Unified Communications Manager 12.0(1)
		    o Cisco Expressway X8.10
		    o Cisco Unified Contact Center Express 11.6(1)
		    o Cisco Unity Connection 12.0(1)
		    o Cisco WebEx Meeting Server 2.7 and 2.8
		    o Cisco Emergency Responder 12.0(1)
		    o Cisco Prime Collaboration 12.2 and 12.3
		    o IOS 16.6
		
		■ Added support for IPv6 sizing.
		
		■ Added support for sizing of the Hybrid Media Node.
		
		■ Enhanced Cisco Expressway sizing model.
		
		■ Enhanced Cisco Unity Connection model.
		
		■ Added support for sizing Cisco Unified Communications Manager IM and Presence Service for centralized IM and Presence cluster in addition to decentralized IM and Presence cluster deployment type (IM and Presence servers are part of Unified CM cluster).

Release 11.5(5)	April 27, 2017	This release provides the following updates and enhancements:
		
		■ Updated Software, performance impacting features, virtual machines, hardware, SKUs, and latest performance test results for the following products:
		
		    o Cisco Prime Collaboration 12.1
		    o Cisco Meeting Server 2.2
		    o Cisco TelePresence Management Suite 15.5

Sizing Tool Version Number	Date	Resolved Items and New Features

Release 11.5(4)	February 10, 2017	This release provides the following updates and enhancements:
		
		■ Beginning with Cisco Unified Communications Manager 11.5(1), the Collaboration Sizing Tool no longer supports sizing, or licensing for Unified CCE. The Unified CCE Components page, Unified CCE Inbound page, and Unified CCE Outbound page is used to calculate Call Processing Servers and Gateways only. All other pages are no longer offered. For more details, see the Solution Design Guide for Cisco Unified Contact Center Enterprise, Release 11.5(1).
		
		■ Updated Software, performance impacting features, virtual machines, hardware, SKUs, and latest performance test results for the following products:
		
		    o Cisco Expressway
		
		    o Cisco Unified Contact Center Express
		
		    o Cisco Meeting Server
		
		    o Cisco Unity Connection.
		
		■ Added support for:
		
		    o Cisco Prime Collaboration version 11.6.
		
		    o Cisco Expressway version 8.9.
		
		    o Cisco Meeting Server version 2.1 with TMS 15.4.

Release 11.5(3)	November 25, 2016	This release modifies how devices that are registered through Cisco Expressway are counted, depending on whether 10,000 or 7,500 OVA is used, and includes counts for CTI Ports in the device limit. Minor bug fixes are also included in Release 11.5(3).
Release 11.5(2)	September 6, 2016	This release includes support for Cisco Unified Contact Center Express 11.5(1). Added video conferencing application Cisco Meeting Server 2.0.

Sizing Tool Version Number	Date	Resolved Items and New Features
Release 11.5(1)	June 7, 2016	This release includes: ■ Software fixes and enhancements to Cisco Prime Collaboration. ■ Added support for Cisco Spark and Connector services found in Applications within the Unified Communication Manager section. ■ Added support for Cisco Unity Connection Video Mail Recording and Playback. ■ Support for Collaboration System Release 11.6(1), TelePresence Server 4.4, Cisco TelePresence Conductor 4.3, Cisco TelePresence Management Suite 15.3.
Release 11.1(1)	February 16, 2016	This release includes support for Cisco Virtualized Voice Browser (VVB), Cisco Expressway 8.7, TelePresence Management Server 15.1, Cisco TelePresence Conductor 4.2, IOS 3.17, and 15.6(1)M.
Release 11.0(5)	November 30, 2015	This release includes support for Cisco WebEx Meetings Server 2.6(1).
Release 11.0(4)	October 21, 2015	This release includes software fixes and enhancements to Cisco MediaSense, Cisco TelePresence, and Bill of Materials. Added support for Cisco Unified Contact Center Enterprise 11.0(1).
Release 11.0(3)	August 6, 2015	This release includes software fixes and enhancements to Cisco MediaSense, Cisco Expressway, and Gateways.
Release 11.0(2)	June 26, 2015	This release includes software fixes and enhancements to Cisco Unity Connection, Cisco TelePresence, and Gateways. It also includes updated software, performance impacting features, virtual machines, hardware, SKUs, and latest performance test results for all products supported by the Sizing Tool.
Release 10.6(4)	May 8, 2015	This release includes enhancements to Cisco TelePresence.
Release 10.6(2)	February 4, 2015	This release includes support for Cisco TelePresence Management Suite (TMS), Cisco Prime Collaboration 10.6(1), and TelePresence 4.1/XC3.0. Cisco Unified Contact Center Enterprise is available for sizing with Cisco Unified Communications Manager 10.5(2).
Release 10.6(1)	December 9, 2014	This release includes support for Cisco TelePresence Management Suite (TMS) and Cisco 4000 Series ISRs. It also includes updated software, performance impacting features, virtual machines, hardware, SKUs, and latest performance test results for all products supported by the Sizing Tool.

Sizing Tool Version Number	Date	Resolved Items and New Features
Release 10.5(4)	September 26, 2014	This release includes software fixes and enhancements to Cisco Unified Contact Center Express, Cisco WebEx Meetings Server, and Cisco Unified Communications Manager cluster calculation.
Release 10.5(3)	September 5, 2014	This release includes updated software, virtual machines, hardware, SKUs, and latest performance test results for all products supported by the Sizing Tool.
Release 10.5(2)	June 27, 2014	This release includes support for Cisco Expressway X8.2.
Release 10.5(1)	June 13, 2014	This release includes software fixes and enhancements to Cisco Expressway X8.1 and Cisco TelePresence XC 2.3/TS 4.0.
Release 10.0(2)	April 25, 2014	This release includes software fixes and enhancements to Cisco Expressway X8.1 and support for Cisco Unified Communications Manager 10.0(1) Dial Plan.
Release 10.0(1)	January 14, 2014	This release supports Cisco Expressway X8.1 and Cisco TelePresence XC 2.2/TS 3.1.
Release 10.0(1)	December 13, 2013	This release supports Collaboration 10.0 sizing and includes the new Export to VPMT feature to assist with a VM server sizing.
Release 9.0(4)	June 3, 2013	This release includes: ■ Support for Cisco Unified Intelligence Center 9.0(2), Cisco Unified Provisioning Manager 9.0(1), Cisco Unified Operations Manager 9.0(1), Cisco Unified Service Monitor 9.0(1), Cisco Unified Service Statistics Manager 9.0(1), Cisco MediaSense 9.1(1), and Cisco Finesse 9.1(1). ■ Software fixes and enhancements to MediaSense. The MySavedSolutions folder is now located in your default document location. In UCCE Options, CTI OS Security was renamed to Desktop Security.
Release 9.0(3)	January 31, 2013	Supports Cisco Unified Intelligence Center 9.0(2), Cisco Unified Provisioning Manager 9.0(1), Cisco Unified Operations Manager 9.0(1), Cisco Unified Service Monitor 9.0(1), Cisco Unified Service Statistics Manager 9.0(1), Cisco MediaSense 9.0(1).
Release 9.0(2)	November 6, 2012	This release supports Cisco Unified Intelligence Center 9.0(1), Cisco Unified Provisioning Manager 9.0(1), Cisco Unified Operations Manager 9.0(1), Cisco Unified Service Monitor 9.0(1), Cisco Unified Service Statistics Manager 9.0(1), Cisco MediaSense 9.0(1), and Cisco WebEx Meetings Server 1.0(1).

Sizing Tool Version Number	Date	Resolved Items and New Features
Maintenance Release 9.0(1)	September 12, 2012	This release supports Cisco Unified Intelligence Center 9.0(1), Cisco Unified Provisioning Manager 9.0(1), Cisco Unified Operations Manager 9.0(1), Cisco Unified Service Monitor 9.0(1), Cisco Unified Service Statistics Manager 9.0(1), Cisco MediaSense 9.0(1).
Release 9.0(1)	June 28, 2012	This release supports Cisco Unified Communications Manager 9.0(1), Cisco Unified Contact Center Enterprise 8.5(3) and 9.0(1), Cisco Unified Contact Center Express 8.5(1) and 9.0(1), Cisco Emergency Responder 8.7(1) and 9.0(1), Cisco Unified Intelligence Center 8.5(2), 8.5(3), 8.5(4) and 9.0(1), Cisco Unity Connection 9.0(1), Cisco Unified MeetingPlace 8.6(3) and 8.6(4), Cisco Intercompany Media Engine 8.6(2) and 9.0(1), Cisco Unified Presence 8.6(4), Cisco Unity Connection 8.6(1), Cisco MediaSense 8.5(3), 8.5(4) and 9.0(1). This release also features improvements to the "save" options, and a more consistent user interface with improved navigation options.
Release 8.6(2)	July 15, 2011	This release supports Cisco Unified Contact Center Enterprise 8.5(2), Cisco Unified Intelligence Center 8.0(4), Cisco Unified Communication Manager Session Management Edition 8.6(1), and Cisco Unity Connection 8.6(1).