



# Release Notes for Cisco Unified Video Advantage, Release 2.2

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**Revised: March 9, 2011**

These release notes describe the new features and caveats for Cisco Unified Video Advantage, Release 2.2 and 2.2(2).

To view the release notes for previous releases of Cisco Unified Video Advantage, go to [http://www.cisco.com/en/US/products/sw/voicesw/ps5662/prod\\_release\\_notes\\_list.html](http://www.cisco.com/en/US/products/sw/voicesw/ps5662/prod_release_notes_list.html).

For details about downloading the software, see [Installation Notes](#), page 10.

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# Introduction

These release notes describe requirements, restrictions, and caveats for Cisco Unified Video Advantage. These release notes are updated for every maintenance release and every major release but not for patches or hot fixes.

Before you install Cisco Unified Video Advantage, we recommend that you review this document for issues that might affect your system. For a list of the open caveats, see [Open Caveats, page 13](#).

## System Requirements

- [Network Requirements, page 2](#)
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## Network Requirements

For Cisco Unified Video Advantage to successfully operate as a video endpoint, your network must meet these requirements:

- Voice and video over IP is configured on your Cisco routers and gateways.
- IP network supports DHCP or manual assignment of IP address, gateway, and subnet mask in Cisco Unified Communications Manager.
- IP telephony networks with access control lists and/or firewalls between voice VLANs and data VLANs must be configured so that the access control lists and/or firewalls allow the Cisco Audio Session Tunnel (CAST) protocol to communicate with the Cisco Unified IP Phone and the PC (Cisco Unified Video Advantage) over TCP/IP using TCP port 4224. Bidirectional communication on TCP port 4224 is required.
- Cisco Unified Video Advantage uses port 5445 by default. If your firewall blocks this port, users will receive no video. You will need to configure your firewall to allow access to port 5445 (or change the UDP port setting during deployment and installation) and enable video.
- Cisco Unified Video Advantage requires Cisco Unified Communications Manager to handle video call processing on the Cisco Unified IP Phones:

For Cisco Unified Video Advantage operating with Cisco IP Communicator or with a Cisco Unified IP Phone, Cisco Unified Communications Manager Version 4.1(3), Service Release 2 or higher is required.

For other supported Cisco Unified Communications Manager releases, see [Compatibility Matrix, page 8](#).

- Quality of service is properly configured on your network to provide prioritized treatment of the audio and video streams. For details, see [http://www.cisco.com/en/US/products/sw/voicesw/ps556/products\\_implementation\\_design\\_guides\\_list.html](http://www.cisco.com/en/US/products/sw/voicesw/ps556/products_implementation_design_guides_list.html)

- Cisco IP Communicator (Release 7.0 or later) or video-enabled Cisco Unified IP Phone are installed and configured on your IP network with phone loads that support video. The client PC must be connected directly to the Cisco Unified IP Phone.
- Using Cisco Unified Video Advantage with Cisco IP Communicator for video calls over a corporate wireless LAN might result in poor audio and video quality and is not supported. Video calls can be placed or received on a remote wireless LAN connection with a minimum broadband link of 300kbps/300kbps (500kbps recommended). For best results, we recommend that you use Cisco Unified Video Advantage over a wired Ethernet connection whenever possible.

## Client Requirements

Cisco Unified Video Advantage has these requirements:

- Personal computer (PC)—See [PC Requirements, page 3](#).
- Any video-enabled Cisco Unified IP Phone—See [Supported Cisco Unified IP Phones, page 5](#).
- Video camera—See [Supported USB Cameras, page 6](#).

## PC Requirements

The computer on which the Cisco Unified Video Advantage software is installed must meet the specifications listed in [Table 1](#).



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**Note**

Cisco Unified Video Advantage is not supported in VMWare, Citrix, Terminal Services, Remote Desktop or other thin client environments.

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**Table 1** *PC Requirements for Cisco Unified Video Advantage*

PC Feature	Requirement
Software	<ul style="list-style-type: none"> <li>• Microsoft Windows Vista Business Edition or Enterprise Edition with or without Service Pack 2</li> <li>• Windows XP Professional with Service Pack 3</li> <li>• Microsoft DirectX 9.0c (For details, see the Internal Hardware rows in this table.)</li> <li>• USB audio device hotfixes<sup>1</sup>:               <ul style="list-style-type: none"> <li>– For Widows XP: KB 914642</li> <li>– For Windows XP: KB 884868</li> </ul> </li> </ul>
Internal Hardware  <b>Microsoft Windows Vista</b>	<ul style="list-style-type: none"> <li>• Microsoft Vista Premium Ready PC. For details about the minimum hardware requirements for Windows Vista (in addition to the requirements in this table), search for <i>Premium Ready PC</i> on the Microsoft website or see this URL: <a href="http://support.microsoft.com/kb/919183">http://support.microsoft.com/kb/919183</a> <ul style="list-style-type: none"> <li>– 32-bit (x86) and 64-bit (x64) processors are supported with 32-bit versions of Windows Vista.</li> <li>– Hardware in computers running Vista and Cisco Unified Video Advantage using video must have a base score of 3 or higher. Run the performance tool by choosing <b>Start &gt; Control Panel</b>, and clicking <b>Performance and Rating</b>.<sup>2</sup> The subscores for Memory (RAM), Graphics, and Gaming Graphics must be 3 or higher. The Overall Base Score must be 3 or higher.</li> </ul> </li> <li>• Free disk space: 200 MB (includes 20 MB free disk space for the Windows camera drivers)</li> <li>• Memory: 512 MB RAM (1 GB RAM or more recommended)</li> <li>• Free physical memory: 48 MB</li> <li>• Dedicated video memory: 256 MB</li> <li>• Video card driver: install the latest version for your OS</li> <li>• A non-ISA full-duplex sound card (integrated or PCI-based) or USB sound device</li> <li>• A 10/100/1000BASE-T Ethernet cable connected to your Cisco Unified IP Phone PC port</li> <li>• At least 1 free USB port (version 2.0)</li> </ul>

**Table 1** PC Requirements for Cisco Unified Video Advantage (continued)

PC Feature	Requirement
Internal Hardware  <b>Microsoft Windows XP</b>	<ul style="list-style-type: none"> <li>• CPU speed and type: <ul style="list-style-type: none"> <li>– Desktops: 2.4 GHz Pentium IV or higher compatible processor (Streaming SIMD Extensions support required); 2.8 GHz Pentium IV or higher recommended</li> <li>– Laptops: 1.5 GHz Pentium M or higher compatible processor (Streaming SIMD Extensions support required); 1.7 GHz Pentium M or higher recommended</li> </ul> </li> <li>• Memory: 512 MB RAM (1 GB RAM or more recommended)</li> <li>• Free disk space: 200 MB (includes 20 MB free disk space for the Windows camera drivers)</li> <li>• Video display: <ul style="list-style-type: none"> <li>– Minimum: DirectX 9.0c (or higher) compatible graphics card with 32MB of video RAM. For dual-headed configurations, 64MB.</li> <li>– Recommended: DirectX 9.0c (or higher) compatible graphics card with 64MB of video RAM. For dual-headed configurations, 128MB.</li> </ul> </li> <li>• Video card driver: install the latest version for your OS</li> <li>• A non-ISA full-duplex sound card (integrated or PCI-based) or USB sound device</li> <li>• A 10/100/1000BASE-T Ethernet cable connected to your Cisco Unified IP Phone PC port</li> <li>• At least 1 free USB port, version 2.0</li> </ul>
Cisco Unified IP Phone	See <a href="#">Supported Cisco Unified IP Phones, page 5</a>
USB camera	See <a href="#">Supported USB Cameras, page 6</a> .

1. To obtain the hotfixes, go to the Microsoft Support URL: <http://support.microsoft.com/contactus/?ws=support> or call Microsoft (1-800-MICROSOFT (1-800-642-7676)).
2. If users experience memory leaks while using video and the amount of memory dedicated to video is zero or very small, disable Vista visual effects by going to **Control Panel > Classic View > Performance Information and Tools > Adjust visual effects > Adjust for best performance**.

## Supported Cisco Unified IP Phones

Cisco Unified Video Advantage is supported on Cisco IP Communicator and on all video-enabled Cisco Unified IP Phones running the SCCP and SIP protocols. The phone must be CDP and CAST capable. The computer running Cisco Unified Video Advantage must be connected by ethernet to the supported Cisco Unified IP Phone.

Cisco Unified Video Advantage also supports Cisco Unified Personal Communicator running in deskphone mode.

The following phones are supported for use with Cisco Unified Video Advantage:

- Cisco Unified IP Phone 9971 (only supports H.264 video codec)
- Cisco Unified IP Phone 9951 (only supports H.264 video codec)
- Cisco Unified IP Phone 8961 (only supports H.264 video codec)
- Cisco Unified IP Phone 7911G
- Cisco Unified IP Phone 7940G
- Cisco Unified IP Phone 7941G
- Cisco Unified IP Phone 7941GE
- Cisco Unified IP Phone 7942G

- Cisco Unified IP Phone 7945G
- Cisco Unified IP Phone 7960G
- Cisco Unified IP Phone 7961G
- Cisco Unified IP Phone 7961GE
- Cisco Unified IP Phone 7962G
- Cisco Unified IP Phone 7965G
- Cisco Unified IP Phone 7970G
- Cisco Unified IP Phone 7971 G
- Cisco Unified IP Phone 7971 GE
- Cisco Unified IP Phone 7975G
- Cisco Unified IP Phone 6921 (SIP only supports H.264 video codec. SCCP supports H.263 and H.264 video codecs.)
- Cisco Unified IP Phone 6941 (SIP only supports H.264 video codec. SCCP supports H.263 and H.264 video codecs.)
- Cisco Unified IP Phone 6961 (SIP only supports H.264 video codec. SCCP supports H.263 and H.264 video codecs.)

**Note**


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Cisco Unified IP Phone 9971, 9951, 8961, 6921, 6941, 6961 require Phone Firmware 9.1.1. This is supported on Cisco Unified Communication Manager 7.1.3 or higher.

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**Note**


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Use phone firmware 8.3(2) and earlier to avoid a delay in associating with Cisco Unified Communications Manager. ([CSCsk47200](#))

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For a list of supported Cisco Unified Communications Manager releases needed with these phones, see the [Compatibility Matrix, page 8](#).

If the phone you are using does not appear in the supported list, see the release notes for the phone. You can navigate to your specific phone model from here:

<http://www.cisco.com/cisco/web/psa/maintain.html?mode=prod&level0=278875240>

New or existing phones might add support for Cisco Unified Video Advantage after this release of Cisco Unified Video Advantage.

## Supported USB Cameras

Cisco Unified Video Advantage supports these USB cameras:

- Cisco VT Camera III (see [Important Upgrade Information for Cisco VT Camera III, page 10](#))
- Cisco VT Camera II
- Logitech QuickCam Fusion
- Logitech QuickCam for Notebooks Pro
- Logitech QuickCam Pro 9000
- Logitech QuickCam Ultra Vision
- Microsoft LifeCam VX-6000

- Microsoft LifeCam NX-6000 Webcam
- Microsoft Lifecam HD (720p)
- Creative Webcam Live Pro USB 2.0 Webcam (see [Important Notes, page 12](#))
- Tandberg PrecisionHD

**Note**

Not all cameras are available for all supported operating systems. See your specific camera documentation for supported operating systems.

The camera must be installed and connected to the PC on which the Cisco Unified Video Advantage software is installed. For details about setting up the third-party camera, see the documentation that shipped with the camera. For details about setting up Cisco VT Cameras, see the quick start guides:

[http://www.cisco.com/en/US/products/sw/voicesw/ps5662/prod\\_installation\\_guides\\_list.html](http://www.cisco.com/en/US/products/sw/voicesw/ps5662/prod_installation_guides_list.html)

**Note**

In this document, references to the Cisco VT Camera includes both the Cisco VT Camera II and Cisco VT Camera III. The Cisco VT Camera meets all European Union RoHS compliance requirements.

Cisco Unified Video Advantage also provides limited support for other third-party cameras. Limited support includes only camera recognition issues, where the camera is not properly recognized by the Cisco Unified Video Advantage application. For all other issues involving the third-party cameras, Cisco will provide best-effort support. Cisco Unified Video Advantage recognizes other third-party cameras connected to the PC. However, Cisco does not officially support any camera other than those specifically mentioned above and cannot guarantee their performance and behavior (although best effort will be made by Cisco to resolve issues on other third-party cameras).

## Supported Video Codecs, Formats and Bandwidth

Cisco Unified Video Advantage supports these video codecs:

- H.263 and H.264 video codecs:
  - Bit rates: minimum of 300kbps, but 500kbps is recommended.
  - For H.264 codec support, Cisco Unified Communications Manager Release 4.1(3) or higher is required.
- Video formats (up to 30 frames per second):
  - 352 x 288
  - 320 x 240
  - 176 x 144
  - 160 x 120
- Interoperable with most third-party H.323 video terminals from verified IP video telephony partners

By default, Cisco Unified Video Advantage is configured to support both H.263 and H.264 video codecs. If both codecs are available, the application gives priority to H.264. For details about customizing video codecs, see the installation and troubleshooting guide:

[http://www.cisco.com/en/US/products/sw/voicesw/ps5662/prod\\_installation\\_guides\\_list.html](http://www.cisco.com/en/US/products/sw/voicesw/ps5662/prod_installation_guides_list.html)

## About Bandwidth

Users can contact their respective Internet service providers, or if they are advanced users, they can use the DSL Reports internet site (<http://www.dslreports.com/stest>), and follow the instructions for obtaining upload and download speeds. Users can change the bandwidth settings (Settings->Video Quality...) as a factor of the uplink speed, within the range of 50 kbps to 500 kbps.

This is only necessary for broadband connections, otherwise the default system settings are sufficient.

After the uplink speed is determined, leave some headroom between the selected bandwidth setting and the capacity of the channel (Location and Region settings in Cisco Unified Communications Manager).

## Software Interoperability

- Cisco Unified Video Advantage version 2.2 supports Cisco IP Communicator 7.x.
- Cisco Unified Video Advantage supports Cisco Unified Personal Communicator version 7.x only when running in deskphone mode.
- Cisco IP Communicator and Cisco Unified Personal Communicator cannot be run simultaneously.
- Cisco Unified Video Advantage must not be installed on the same computer as Cisco Unified Personal Communicator version 8.x and later.
- Cisco Unified Video Advantage must not be installed on the same computer as Cisco UC Integration for Microsoft Lync version 8.x and later.

## Compatibility Matrix

Cisco Unified Video Advantage is compatible with these products:

- Cisco Unified Communications Manager, Releases 4.x, 6.x, 7.x and 8.x
  - Cisco Unified IP Phone 9971, 9951, 8961, 6921, 6941, 6961 require Phone Firmware 9.1.1. This is supported on Cisco Unified Communication Manager 7.1.3 or higher.
  - For H.264 codec support, Cisco Unified Communications Manager Release 4.1(3) or higher is required.
  - Cisco Unified Communications Manager Release 4.x does not support video over a SIP trunk. The Media Termination Point Required option in Cisco Unified Communications Manager Administration is checked by default and cannot be unchecked.
- Cisco Unified Communications Manager Express, Releases 4.0 [IOS Release 12.4(4.XC4)] and 4.1 [IOS 12.4(15)T]
- Cisco Unified Videoconferencing, Releases 4.2 and 5.1
- Cisco Unified MeetingPlace Express, Releases 2.0 and 2.1
- Cisco Unified MeetingPlace, Releases 5.4, 6.0, 7.x and 8.x.
- Cisco VPN Client 5.0.01.0600 or later. Make sure to uncheck (disable) the Stateful Firewall setting.



# About Video Quality

Cisco Unified Video Advantage is designed to provide premium video quality under a variety of conditions; however, in some instances users may notice interruptions of video transmission or temporary video distortions (“Artifacts”) which are considered a normal part of the applications operation.

These artifacts should be infrequent and temporary when using:

- Cisco Unified Video Advantage on a workstation meeting the recommended configuration requirements.
- A network that meets the recommended quality criteria in the Cisco Unified Communication Solution Reference Design Document.
- We take reasonable measures to interface with the operating system in ways that decrease the likelihood that other applications running on the system will interfere with video quality. However, the shared nature of system environments in which these products run is very different than a closed environment like Cisco IP Phones and we cannot guarantee equivalent performance.

The following are some conditions that may cause artifacts:

- Spike in usage of the personal computer's CPU - where CPU utilization is between 75 to 100% - due to launching applications, system processes or processing happening within other applications running.
- The system is running low on available physical memory
- Other applications using large amounts of bandwidth to or from the workstation to the network
- Other network bandwidth impairments
- Dynamic reduction in CPU clock speed due to power management policy (for example, laptops running on battery power) or thermal protection causing the CPU to run in a more highly loaded condition
- Any other condition that causes the application to lose timely access to the network or video system, for example, interference from third-party software
- Avoiding or recovering from the conditions previously listed will help minimize video distortion artifacts.

## Related Documentation

For complete documentation for Cisco Unified Video Advantage, see the documentation guide:

[http://www.cisco.com/en/US/docs/video/cuva/roadmap/cuva\\_map.html](http://www.cisco.com/en/US/docs/video/cuva/roadmap/cuva_map.html)

Cisco IP Communicator documentation:

[http://www.cisco.com/en/US/products/sw/voicesw/ps5475/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/sw/voicesw/ps5475/tsd_products_support_series_home.html)

Cisco Unified IP Phone documentation. You can navigate to your specific phone model from here:

<http://www.cisco.com/cisco/web/psa/maintain.html?mode=prod&level0=278875240>

Cisco Unified Communications Manager documentation:

[http://www.cisco.com/en/US/products/sw/voicesw/ps556/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/sw/voicesw/ps556/tsd_products_support_series_home.html)

## New and Changed Information

- [Release 2.2\(2\), page 10](#)
- [Release 2.2, page 10](#)

### Release 2.2(2)

Cisco Unified Video Advantage Release 2.2(2) has no new features. See [Resolved Caveats, page 13](#) for the list of defects fixed in this release.

### Release 2.2

Cisco Unified Video Advantage Release 2.2 offers the following new features:

- Cisco VT Camera III support
- Ability to choose a camera if your system has multiple USB or integrated cameras available

See [Resolved Caveats, page 13](#) for the list of defects fixed in this release.

## Installation Notes

Download Cisco Unified Video Advantage software from the Software Center:

<http://tools.cisco.com/support/downloads/go/Redirect.x?mdfid=278875240>

You must register for an account on Cisco.com to access the software download site.

**Note**

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On the download site, the installer packages are offered as a single Zip file, which contain all the files required to deploy the application and the Cisco VT Camera II drivers. Please note, Cisco VT Camera III does not require separate drivers. It uses the camera drivers in your operating system.

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**Note**

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The software download site does not contain device drivers for third-party video cameras. These drivers should be provided by the manufacturer.

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For step-by-step installation instructions, see the [Installation and Troubleshooting Guide for Cisco Unified Video Advantage](#).

## Important Upgrade Information for Cisco VT Camera III

If you are currently using a previous version of Cisco Unified Video Advantage and upgrading to the Cisco VT Camera III, you must upgrade to Cisco Unified Video Advantage version 2.2.

Cisco VT Camera III is a USB Video Camera (UVC) compliant camera which requires no installation drivers, but relies on the Windows support of UVC.

# Limitations and Restrictions

You should review [Table 2](#) before you begin working with Cisco Unified Video Advantage. These are known limitations that will not be fixed, and there is not always a workaround. Some features might not work as documented, and some features could be affected by recent changes to the product.

**Table 2** *Closed Caveats for Cisco Unified Video Advantage*

Identifier	Severity	Component	Headline
<a href="#">CSCsf21383</a>	2	win32app	CUVA hangs and then proceeds to use all available memory (Memory Leak) on Dell workstations.
<a href="#">CSCsj22071</a>	2	win32app	CUVA 2.0 MTU size causes frame errors on sccp-h323-sccp call setup.
<a href="#">CSCso86553</a>	2	win32app	CUVA blue screens if checkpoint VPN is running and connected
<a href="#">CSCeg06701</a>	3	win32app	DeployMan for CVTA needs to put installers in CVTA directory.
<a href="#">CSCse13490</a>	3	win32app	Video image using VT Camera I with CUVA 2.0 is blocky.
<a href="#">CSCse18309</a>	3	win32app	Impact on video during call when run with other CPU-intensive software.
<a href="#">CSCse35005</a>	3	win32app	Video Window Pop-Up Response Time.
<a href="#">CSCse35409</a>	3	win32app	Shouldn't allow CUVA to launch when CUVA is launched by another user.
<a href="#">CSCse36933</a>	3	win32app	Unable to do H.264 Video with Cisco 7941/61/7x IP Phone on CCM 4.1(3)sr2.
<a href="#">CSCsh60057</a>	3	win32app	3rd party SIP video phone freeze when calling CUVA with 7970 SCCP phone.
<a href="#">CSCsi03781</a>	3	win32app	BSOD on HP Compaq nx6110
<a href="#">CSCsi40055</a>	3	win32app	Local video does not display.
<a href="#">CSCsk47200</a>	3	win32app	Takes about 30 seconds to associate with some phones.
<a href="#">CSCsk76317</a>	3	win32app	High CUVA CPU Usage on minimum requirements AMD desktop.
<a href="#">CSCsk87144</a>	3	win32app	Upgrade: XP-Vista: No CDPdrv process running if user starts CUVA.
<a href="#">CSCsk88647</a>	3	win32app	Balloon tooltip for loss of connection is inconsistent.
<a href="#">CSCsl24602</a>	3	win32app	Vista: DSCP value for Video call set to 0x000000.
<a href="#">CSCsl85497</a>	3	win32app	No Video Because USB Controller Bandwidth Exceeded.
<a href="#">CSCsl85978</a>	3	win32app	User sees Assertion Failed when 2.0.3 install on top of 2.1.0.
<a href="#">CSCsm81353</a>	3	win32app	Video discoloration on native resolution in certain systems
<a href="#">CSCso92195</a>	3	win32app	VT Camera II is not recognized by CUVA on cold start of machine
<a href="#">CSCsz10052</a>	3	win32app	CUVA with VPN client 5.0.4 and McAfee HIPS can cause BSOD
<a href="#">CSCth26992</a>	3	win32app	CUVA sends out jumbo frames for h263 cif
<a href="#">CSCtj04033</a>	3	win32app	CUVA crashes when unplugging HP Port Replicator on one machine

**Table 2** *Closed Caveats for Cisco Unified Video Advantage (continued)*

Identifier	Severity	Component	Headline
<a href="#">CSCte50761</a>	4	vtcam3	VT3-video from the camera was cut into half
<a href="#">CSCte91335</a>	4	win32app	Win XP SP3, CUVA camera unable to select the specific UVC compliance ca

## Important Notes

- Creative Webcam Live Pro USB 2.0 Webcam light is always lit - When this camera is connected to the computer, it always has its light lit whether or not it is capturing video. This means that the camera light state cannot be used to tell if the camera is active or not during a call. ([CSCsk34037](#))
- Cisco Unified Video Advantage does not support an upgrade path from Microsoft Windows XP to Microsoft Vista. Cisco Unified Video Advantage must be uninstalled before an upgrade and re-installed with the new operating system. ([CSCsk87144](#))

## Caveats

- [Using the Bug Toolkit, page 12](#)
- [Open Caveats, page 13](#)
- [Resolved Caveats, page 13](#)

## Using the Bug Toolkit

You can search for problems by using the Cisco Software Bug Toolkit. Known problems (bugs) are graded according to severity level. These release notes contain descriptions of these types of bugs:

- All severity level 1 or 2 bugs
- Significant severity level 3 bugs
- All customer-found bugs

### Before You Begin

To access Bug Toolkit, you need these items:

- Internet connection
- Web browser
- Cisco.com user ID and password

### Procedure

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- Step 1** Go to <http://tools.cisco.com/Support/BugToolKit/action.do?hdnAction=searchBugs> to access the Bug Toolkit.
- Step 2** Log in with your Cisco.com user ID and password.

- Step 3** Enter the bug ID number in the **Search for Bug ID** field, to look for information about a specific problem.
- Step 4** Click **Go**.

For information about how to search for bugs, create saved searches, create bug groups, and so forth, click **Help** on the Bug Toolkit page.

## Open Caveats

[Table 3](#) describes possible unexpected behaviors by Cisco Unified Video Advantage. Caveats are listed in order by severity, then in alphanumeric order by identifier.

Unless otherwise noted, these caveats apply to all Cisco Unified Video Advantage releases. For details about an individual defect, click the identifier to access the online record for that defect in the Bug Toolkit.

Because defect status continually changes, be aware that the tables reflects a snapshot of the defects that were open at the time this report was compiled. For an updated view of open defects, access the Bug Toolkit. For details, see the [Using the Bug Toolkit, page 12](#).

**Table 3** *Open Caveats for Cisco Unified Video Advantage*

Identifier	Severity	Component	Headline
<a href="#">CSCsk88892</a>	3	win32app	Problems in CUVA when bandwidth limited.
<a href="#">CSCth34841</a>	3	win32app	CFNA using video EPs intermittently drops the video
<a href="#">CSCti45594</a>	3	win32app	CUVA clients takes too long to recover from a network link failure
<a href="#">CSCtf06680</a>	4	installer	Cisco Video Advantage Help page doesn't integrate with Mozilla Firefox 3.6
<a href="#">CSCse71621</a>	6	win32app	Video quality for H263 is not as good as CVTA 1.0.2 even at high bitrate.

## Resolved Caveats

This section lists caveats that are resolved but that may have been open in previous releases. Caveats are listed in order by severity, then in alphanumeric order by identifier.

This section lists caveats that are resolved but that may have been open in previous releases. Caveats are listed in order by severity, then in alphanumeric order by identifier. The following releases are covered:

- [Release 2.2\(2\), page 14](#)
- [Release 2.2, page 14](#)

## Release 2.2(2)

Table 4 lists the caveats resolved in Release 2.2(2).

**Table 4** Resolved in Release 2.2(2)

Identifier	Severity	Component	Headline
CSCti74890	3	cdp-driver	Sometimes CUVA can't associate with IPPhone if wireless NIC enabled
CSCtd17972	3	video	No video in sTransfer of RT call to TB over SIP ICT
CSCti71749	3	video	EP 8961-CUVA: No video being displayed on CUVA
CSCtf76715	3	win32app	CUVA: No remote on cuva when in a call with TB-1700-MXP
CSCth60440	3	win32app	CUVA not receive video for ~20 secs after swapping a call on secure phone
CSCtg11841	6	win32app	Cuva installs When CUCIMOC/CUPCv8 is installed
CSCti28460	6	win32app	CUVA needs to support 560x320 resolution
CSCtk34315	6	win32app	CUVA needs to support 480x352 resolution

## Release 2.2

Table 5 lists the caveats resolved in Release 2.2.

**Table 5** Resolved in Release 2.2

Identifier	Severity	Component	Headline
CSCsq76054	2	win32app	CUVA has to check for virtual adapters (system handles leak), VMNS driver
CSCtd80601	2	win32app	CUVA 2.1.2.9 does not turn off camera when PC is locked.
CSCtd89879	2	video	CUVA does not work with UVC cameras - sends plain green video
CSCtd99223	2	vtcam3	Cisco VT III Camera may not be detected and used on WinXP SP3
CSCsl08616	3	win32app	If 2 ethernet NIC enabled & active- CUVA cannot associate with IP Phone
CSCsu45473	3	cdp-driver	CDP Driver Stops Working
CSCsw80595	3	cdp-driver	CUVA CDP Driver can't detect IP Phone with Nortel VPN Client installed
CSCsz25379	3	cdp-driver	CUVA crashes immediately after starting
CSCta18385	3	win32app	CUVA does not detect phone after extended disconnection
CSCtb39278	3	win32app	Video does not Resume after Lock/Unlock or Screensaver activated
CSCsr18565	6	win32app	CUVA interop with Tandberg MPC MCU
CSCsw31891	6	win32app	CUVA Should Support 352x480 resolution
CSCsz08942	6	win32app	CUVA Should Support 352x576 resolution
CSCtc03283	6	win32app	CUVA needs to support 576x448 resolution
CSCte53784	6	win32app	Request Cisco Video Advantage preference able to select the camera

# Obtaining Documentation, Obtaining Support, and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, see the monthly What's New in Cisco Product Documentation, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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