ClearOne

Applicable to: All Converge® Pro and Converge SR units operating Console 3.x software

Converge Pro 3.X Release Notes

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ClearOne announces a major product release for the Converge Pro conferencing mixers. The release includes new products, firmware, and software. The section below describes key elements of the release.

New Functions, Features and Enhancements

- Converge Pro VH20: The Converge Pro VH20 is a new VoIP hybrid for the Converge Pro product line. The VH20 is a SIP based endpoint with 2-Line Inputs, 2-Line Outputs, and full expansion bus capabilities.
- Interoperability Testing: The Converge Pro VH20 was tested with Avaya, Nortel, and Cisco SIP based voice platforms.
- Tabletop Controller for VoIP: A new tabletop control has been developed to control both the VH20 and TH20 (880T, 840T, and 880TA) telephone interfaces.
- Microsoft Vista and Windows 7 Compatibility: This release adds compatibility for Console software with Microsoft Vista and Windows 7 operating systems.
- Converge Manager Software: A new Converge Manager will be release to incorporate the 3.X version.
- Installed Controller Software: A new version of Installed Controller will be released that allows the programming of the VH20 and new Tabletop Controller for VoIP.
- Local Number to Telephone Hybrids: A new feature has been incorporated into the Telephone Setting property page that allows a local number to be set for the Telephone Hybrids.
- Version Information on Console: The software version has been added to the Console windows header to help designate which version has been loaded from Console Manager.

Compatibility Issues

- Proxy 1 & Proxy 2 Registration: The Converge Pro VH20 has a failover proxy registration function that allows failover operations. This function allows the VH20 to automatically register to a second proxy address if communication is lost with the primary proxy. However, an explicit domain name must be used for the function to operate properly with a common dial plan. If an IP address for Proxy 1 and Proxy 2 are used then the dial plan will not work properly.
- During interoperability testing with Cisco Call Manager 7 it was found that if a SCCP Endpoint placed the VH20 on hold the media stream could be suspended. The root cause of this was how CM7 performs its SIP messaging. To correct the issue and maintain compatibility with other SIP proxies a serial command was added to the VH20. The command is “PROXYTYPE” (see below). The function of this command is to set any special call handling on the VH20 that may be required by a specific manufacturer’s proxy

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- **PROXYTYPE - Set/Get Proxy Type**

Name	Type	Size	Values
Const. Channel	Channel Const	1	1
Group	Group	1	131
Value	Short	2	0 Default, means no specific changes required. 1 –Cisco Proxy(CCM7)

BINARY FORM DETAILS
Command ID: 410
Number of Arguments: 1
Argument Form: <Const. Channel><Group><Value>

TEXT FORM DETAILS
Command Form: *Device* **Proxytype** <Value>

Fixed Issues from Release 2.X

- Copy/Paste Unit: A bug was fixed that prevented copying and pasting complete units in the Console software.
- Event Scheduler: A bug was fixed in which a unit would discarded reoccurring events with a site file push if the start date was in the past.
- Meter View: In the meter view, when an SR 1212A is selected, there are 3 meter types of "Invalid Meter". This issue has been fixed.
- PA Virtual reference on the SR 1212A : Virtual References were not being passed across expansion busses on the Converge SR 1212A. This has been corrected.
- Macro Delete: Macros were remaining in the site file after a delete function. This has been fixed.
- Macro Recorder: The macro recorder produced an error when started on a unit with a DID greater than 7. This has been fixed.
- Compatibility with the Korean Version of Window XP: Unit names are not saved with the site file on Korean Windows XP. This issue has been fixed.
- International Time Codes for Microsoft Windows: Some international versions of Windows utilize a different time zone format than the the format used in Console. This created compatibly issues with loading site files in the Console application. This has been corrected.
- Matrix Conversion for PSR Site Files: A bug existed in 2.X that would default the matrix on a PSR conversion. This has been fixed.

Known Issues in release 3.x

- Device Logging of SIP Messages: An issue has been identified in Release 3.X associated with the Device Logging of SIP Messaging. Specifically, there is a potential for the SIP communications to stop on the unit when the SIP messaging is enabled in the Device Log. When this symptom appears it can be corrected by rebooting the unit. The recommendation is to leave SIP messaging disabled in the

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device log unless required for troubleshooting specific issues.

- SCCP to VH20 Call Terminations- On rare occasions, an in-network call termination from an SCCP end-point is not recognized by a VH20; resulting in an invalid state on the VH20 SIP stack, requiring a reboot prior to the next call. The cause of this problem may be related to an audio codec mismatch between the VH20 and Media Terminal Point with Call Manger . The recommendation is to set the codec priority on the VH20 to G.711 ulaw to reduce the potential occurrence. This was observed on Call Manager 7.
- SNMP Agent on VH20: Set functions for the Dial Plan properties are not working properly with the SNMP agent. The recommendation is to not use the MIB for configuration of the Dial plan on the VH20. This will be corrected on a future release.
- Site Files with 255 Macros Programmed: An issue was found that prevents a site file from properly loading on the unit if all 255 Macros are programmed. The recommendation is to only allow a maximum of 254 Macros in any site file. This will be corrected on a future release.

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