S U R F
Communication Solutions

Orion-VX1000/VX2000/1286 Version 2.2.3
Release Notes

Version 2.2.3

Document Version: 2.2.3.12

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1. Document Scope

Orion-VX1000/VX2000/1286 provides H.323 AND SIP-based video/audio conferencing services for SMBs (Small and Medium Businesses) and enterprises. The product is a ready-to-use, stand-alone network appliance. The Orion-VX1000/VX2000/1286's web-based management system offers easy system configuration, conference creation, monitoring and conference control in real time.

This document contains information on new features and system modifications introduced in Orion-VX1000/VX2000/1286, release 2.2.3.12

For information on the introduction of new features and modification of previous releases, please refer to the relevant release notes documents.

This document includes the following sections:

Section 1: Document Scope – This section.

Section 2: New Capabilities and Changes – Overview of new capabilities and changes in Orion-VX1000/VX2000/1286 release 2.2.3.12

Section 3 Fixed in this Version – Bugs and other issues fixed in this release.

Section 4: Known Issues – Known issues and workarounds.

Section 5: Contacting SURF – Contact details.

Request for Feedback

Please report any problems with the product to the Surf Customer Care Group.

Additionally, we are interested in any comments you might have regarding the contents of this package, its functionality, or any other issues regarding this product. Your input is valuable to us and it will allow us to enhance our future versions. Please forward your comments to our Marketing Group.

2. New Capabilities and Changes

This section reflects the new capabilities incorporated in release 2.2.3.12 compared to previous GA release 2.2.3.9. In order to obtain the new capabilities in release 2.2.3.9 compared to the GA release before it (2.2.3.2) the reader is encouraged to review the release notes of GA release 2.2.3.9.

Release 2.2.3.12 does not contain any new capabilities compared to release 2.2.3.9

3. Fixed in this Version

Errata #	Date Added	Errata Description
2314	1.5.2014	If on the fifth attempt the correct PIN number is entered, the IVVR still decides to disconnect the call.
2301	29.4.2014	If a wrong PIN number or conference number is entered in the IVVR, the "it is not a valid conference room/PIN number" message is sent in a loop rather than sent only once.
2300	28.4.2014	Call disconnect without IVVR. If a user enters the wrong PIN number five times, the call disconnects without first sending the appropriate message.
2341	26.5.2014	For VX1000/VX2000 models only: In some cases the video output stream contains a discontinuity of the sequence number and the timestamp. This issue creates interoperability issues with some endpoints.
2262	3.04.2014	For Orion-1286 model only - interoperability: When using Huawei TE-30 room system, desktop sharing in H.323/H.239 does not work.
1805	1.3.2014	In rare cases, when performing the Orion upgrade, the GUI gets stuck.

4. Known issues

Errata #	Date Added	Errata Description
1891	1.12.2013	For Orion-1286 model only - interoperability: For Ericsson-LG PBX, QCIF resolution isn't supported by the PBX.
2287	16.04.2014	Interoperability: When G.722 voice codec is used with Yealink SIP video phone, DTMFs are sent over RFC2833 with an incorrect RTP timestamp. In rare cases, this may cause the Orion to detect DTMFs improperly.
2292	20.04.2014	Interoperability: With Asterisk based PBXs, when Orion-O is registered on the PBX, and the MCU is configured as a SIP trunk on the PBX or registered on the PBX, desktop sharing from Orion-O is blocked by the PBX due to false handling of SDP-SIP messages by the PBX.
2219	1.3.2014	Number of concurrent conferences is limited to six in Orion VX2000 if the maximum number of participants is maintained at the default of 29. Workaround: In case eight concurrent conferences need to be supported (in VGA and CIF resolution), the maximum number of participants needs to be limited to 16.
2196	19.3.2014	Late SDP (INVITE with empty SDP, followed by SDP as part of the 200-OK and ACK messages) is not supported by Orion.
2007	21.11.2013	In H.323 direct mode (no gatekeeper in use) and connecting through an access number, the resolution of the access number and the H.323 endpoint must match. Otherwise the endpoint might not display video. Workaround: Configure the H.323 endpoint and access number to a matching resolution.
1939	21.11.2013	Recording a conference is limited to VGA resolution.
1942	21.11.2013	When playing a recorded conference, audio-video sync issues might occur.
1973	31.12.2013	In rare occasions, Orion sends video with much lower bitrate than expected, causing significant video artifacts. Workaround: Disconnect all participants and re-establish the conference.
2022	31.12.2013	In rare occasions, Orion sends bitrate much higher than expected (i.e. 3 Mbps instead of 1 Mbps), causing significant packet loss in client side. Workaround: Disconnect all participants and re-establish the conference.
2034	31.12.2013	For board-level customers (customers who are installing Orion onto their own servers) when setting Orion IP configuration through Linux setup command, it is impossible to re-configure the IP attributes through the GUI (such as DNS server IP). Workaround:

		Always use GUI to configure the IP attributes and avoid using the Linux setup command. If the problem is encountered, re-install Orion.
2120, 2284	1.3.2014	When using Orion-O desktop sharing, it is required to exit from desktop sharing on one client in order for a different client to be able to perform desktop sharing.
2073	1.3.2014	In case of H.323, content sharing with H.239 will work only if the maximum number of visible participants in the conference is configured to 4 or above.
2071	1.3.2014	The Linphone H.263 is not supported. Only the Linphone H.263-1998 is supported. Workaround: It is recommended to configure the Linphone to work with H.264 due to its superior video quality compared to H.263.
1900	1.3.2014	Working with H.323 gatekeeper is only supported when gatekeeper and Orion are located on the same network without NAT translation between them.
1671	1.3.2014	When performing H.323/H.239 content sharing, the "people" screen of the sharing endpoint will always contain 2 video participants, as follows: the presenter and voice-activated dominant speaker. This is the normal behavior of the Orion MCU.
1551	1.3.2014	In VX1000 and VX2000 QCIF resolution is not supported. In the 1286 QCIF is supported.
2329	15.5.2014	Orion uses subnet 172.16.xx.xx for internal purposes. Therefore other external network devices, as well as Orion, cannot be configured to make use of this subnet. Workaround: If 172.16.xx.xx is used by the customer network, please contact SURF's technical support for further workaround instructions.
2353	6.5.2014	The GUI allows entering up to 39 for the maximum number of participants while in actuality Orion supports only up to 29 concurrent participants.
2354, 2319	8.5.2014	Interoperability: Occasionally, video artifacts appear when using the Polycom RealPresence Windows client. The artifacts may occur during IVVR or during video conferencing.

5. Contacting SURF

Please send your documentation-related feedback, or report mistakes, to pr@surfsolutions.com. We are committed to constant and perpetual improvement. Your input will greatly help us in our endeavor.

5.1 Support

The Orion-VX1000/VX2000 Technical Support Center is at your service. You may access Warranty Service our Web Request Form by using the following link:

www.orionmcu.com/support/

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Email: orion@surfsolutions.com

5.2 Surf Marketing

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