CLEARSEA
RELEASE NOTES

VERSION 2.0.12

MAINTENANCE RELEASE

WHAT'S NEW

- **Server side search for CSC** – desktop CSCs can now search all configured User Accounts depending on the User Group configuration (further information is available in ClearSea - Administrator Guide, §5.5.2). This feature is available in desktop CSC since version 8.0.17.
- **CSC Idle status support** – desktop CSCs can now notify and receive the idle/active status. This feature is available in desktop CSC since version 8.0.17.
- **Reworked group editing via REST APIs and UI** – The CSS admin can add to a Group's contacts list all contacts from multiple other groups (further information is available in ClearSea - Administrator Guide, §5.5.2, §A.2.7 and §A.3.6).

BUGS FIXED IN THIS RELEASE

ID	***Description***
-	Fixed issues in MCU: missing new participant messages
-	Several optimizations and stability fixes
-	Several video player fixes to improve interoperability and reduce bursts
-	Fixed encryption negotiation issues for disabled media in SIP calls
- 89993	Fixed issue that caused the banner image to be incorrectly saved under certain conditions
- 86539	Fixed multiple alerting on H.323 incoming calls when a ClearSea user is logged with more than one endpoint
- 90035	Fixed CSC registration issues under some rare circumstances due to Daylight saving time changes
- MC-50	Fixed bug switching presentation between CSC clients and H.323 endpoints via LifeSize Bridge 2200

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- MC-54	Improved contact list generation on server side removing duplicated contacts
- MC-72	Fixed H.323: OLC could be sent before MSD completion
- MC-80	Fixed missing audio when remote party removes G7221C and goes G711
- MC-88	Fixed H.323: route call to GateKeeper failure
- MC-89	Fixed H.323: potential crash when H.245 channel connection fails
- MC-90	Workaround for H.239 interoperability issues with remote EP sending TCS with multiple capability descriptors

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VERSION 2.0.11

MAINTENANCE RELEASE

WHAT'S NEW

- **LDAP SEARCH authentication improvements** – LDAP SEARCH authentication mode has been improved, adding an additional LDAP BIND step and allowing to automatically configure some User Account settings. Further information is available in section 5.5.1 of the Administrator Guide.
- **Added user group mobile banner** – now a specific banner image can be uploaded and provisioned to compatible mobile clients. Administration control panel and REST APIs have been improved accordingly to newly available options. Further information is available in sections 5.5.2 and Appendix A. **NOTE**: service/groups/{name}/logo API and logoUrl group property in REST APIs has been deprecated but it's still available as an alias of service/groups/{name}/desktopBanner API and desktopBannerUrl group property. Further information is available in sections A.2.9, A.2.10 and A.3.6.

BUGS FIXED IN THIS RELEASE

ID	***Description***
- 89554	Fixed ClearSea Client desktop not upgrading from 7.1.9 to 8.0.X
- 89610	Fixed bandwidth management causing calls to be dropped after 30 seconds on Android clients
- 89617	Improved resilience under heavy service scanning probes
- 88714 - 88647	Increased interoperability of iOS and LifeSize endpoints when connected in MCU
- MC-28	Fixed broken interoperability with Polycom RMX
-	Improved video playback quality for static contents
-	Fixed caller id and display string
-	Fixed G711 A/U missing audio message in encrypted ClearSea Testcall
-	Improved stability and removed memory leaks

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VERSION 2.0.10

INTERNAL RELEASE

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VERSION 2.0.9

GENERALLY AVAILABLE

UPGRADE PROCEDURE FROM FIRMWARE VERSION 1.1

BEFORE UPGRADING TO VERSION 2.0 YOU MUST UPGRADE TO THE LATEST 1.1 FIRMWARE AVAILABLE.
WHEN UPGRADING TO VERSION 2.0 A BACKUP FROM A FIRMWARE VERSION 1.1.13 OR LATER IS REQUIRED.
AT THE END OF THE UPGRADE PROCESS THE 1.1 BACKUP MUST BE MANUALLY RESTORED.

ROLLBACK PROCEDURE

IT IS STRONGLY RECOMMENDED TO RUN THE BACKUP PROCEDURE BEFORE ROLLING BACK.
AT THE END OF THE ROLLBACK PROCESS A BACKUP OF THE OLDER FIRMWARE VERSION MUST BE MANUALLY RESTORED.

WHAT'S NEW

- **Encryption** – Added support for call encryption (if enabled and licensed).
- **Support for alternative dialing syntax** – Added support for *"host##extension"* and "*host**extension"* dialing syntax.
- **Improved interoperability with LifeSize equipment.**
- **Account types unification** – The distinction between *"CSC"* and *"Legacy"* accounts have been removed. It's now possible to optionally associate one or more endpoints to any account.
  Accounts now have a new *"Allow login"* option that can be used to specify if the account can be used as ClearSea Client login credentials.
- **REST API enabled** – Rest API is now always available, regardless of the installed license.
- **REST API version 2** – REST API has been modified to reflect the account type unification. The updated API documentation is available in Appendix A of the Administrator Guide.
  Please note that REST API version 1 is no longer available.
- **Support for RFC 3263 (locating SIP servers)**.
- **Removed Autoscan Legacy** – Control Panel section *"SERVICE - AutoScan Legacy"* is no longer available.
- **New desktop client 8.0 is now the default and required client.**

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BUGS FIXED IN THIS RELEASE

ID	*Description*
- HE-3777	Fixed G.722.1C issues with LifeSize Bridge when encryption is enabled
-	Automatic Input Bandwidth Control enhancements
-	Resolved issues with multiple clients behind the same NAT logged with the same user account
- 89422	Resolved possible SIP stack lock-up with specific SIP packets

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VERSION 2.0.8 (INTERNAL RELEASE)

BETA RELEASE

NOTE: BETA RELEASES INCLUDE A PREVIEW OF THE FEATURES THAT ARE CURRENTLY UNDER FINAL STAGES OF DEVELOPMENT AND DEBUGGING. PLEASE UNDERSTAND THAT THE IMPLEMENTED FEATURES MAY NOT BE WORKING AS EXPECTED AND WILL LIKELY CHANGE OR EVEN BE REMOVED FROM THE FINAL RELEASE AT MIRIAL OWN DISCRECTION.

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VERSION 2.0.7 (BETA)

BETA RELEASE

NOTE: BETA RELEASES INCLUDE A PREVIEW OF THE FEATURES THAT ARE CURRENTLY UNDER FINAL STAGES OF DEVELOPMENT AND DEBUGGING. PLEASE UNDERSTAND THAT THE IMPLEMENTED FEATURES MAY NOT BE WORKING AS EXPECTED AND WILL LIKELY CHANGE OR EVEN BE REMOVED FROM THE FINAL RELEASE AT MIRIAL OWN DISCRECTION.

BUGS FIXED IN THIS RELEASE

ID	***Description***
- MC-20	Improved address book and call history download performances (available only when using clients with version greater or equals to 8.0.12).

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VERSION 2.0.6 (BETA)

BETA RELEASE

NOTE: BETA RELEASES INCLUDE A PREVIEW OF THE FEATURES THAT ARE CURRENTLY UNDER FINAL STAGES OF DEVELOPMENT AND DEBUGGING. PLEASE UNDERSTAND THAT THE IMPLEMENTED FEATURES MAY NOT BE WORKING AS EXPECTED AND WILL LIKELY CHANGE OR EVEN BE REMOVED FROM THE FINAL RELEASE AT MIRIAL OWN DISCRECTION.

BUGS FIXED IN THIS RELEASE

ID	***Description***
- MC-5	Lock dialog on TCP once established.
- MC-12	Bottleneck in concurrent client registrations.
- MC-16	Internal MCU audio mixing issues.
-	General stability and interoperability improvements.

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VERSION 2.0.5 (BETA)

BETA RELEASE

NOTE: BETA RELEASES INCLUDE A PREVIEW OF THE FEATURES THAT ARE CURRENTLY UNDER FINAL STAGES OF DEVELOPMENT AND DEBUGGING. PLEASE UNDERSTAND THAT THE IMPLEMENTED FEATURES MAY NOT BE WORKING AS EXPECTED AND WILL LIKELY CHANGE OR EVEN BE REMOVED FROM THE FINAL RELEASE AT MIRIAL OWN DISCRECTION.

BUGS FIXED IN THIS RELEASE

ID	***Description***
- MC-11	Fixed presence status for accounts with associated endpoints (ex legacy accounts).
- MC-13	Fixed memory leaks under stress test

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VERSION 2.0.4 (BETA)

BETA RELEASE

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BUGS FIXED IN THIS RELEASE

ID	***Description***
- 88947	Fixed Control Panel issue in section *"SERVICE - Groups"* when Encryption is not enabled in license.
-	Improved H323 to SIP negotiation.
-	Fixed callerID display string for standalone endpoints.

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VERSION 2.0.3 (BETA)

BETA RELEASE

NOTE: BETA RELEASES INCLUDE A PREVIEW OF THE FEATURES THAT ARE CURRENTLY UNDER FINAL STAGES OF DEVELOPMENT AND DEBUGGING. PLEASE UNDERSTAND THAT THE IMPLEMENTED FEATURES MAY NOT BE WORKING AS EXPECTED AND WILL LIKELY CHANGE OR EVEN BE REMOVED FROM THE FINAL RELEASE AT MIRIAL OWN DISCRECTION.

BUGS FIXED IN THIS RELEASE

ID	***Description***
-	Fixed various issues in *"Conference Rooms"* functionality.

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VERSION 2.0.2 (BETA)

BETA RELEASE

NOTE: BETA RELEASES INCLUDE A PREVIEW OF THE FEATURES THAT ARE CURRENTLY UNDER FINAL STAGES OF DEVELOPMENT AND DEBUGGING. PLEASE UNDERSTAND THAT THE IMPLEMENTED FEATURES MAY NOT BE WORKING AS EXPECTED AND WILL LIKELY CHANGE OR EVEN BE REMOVED FROM THE FINAL RELEASE AT MIRIAL OWN DISCRECTION.

BUGS FIXED IN THIS RELEASE

ID	***Description***
-	Fixed an bug that could cause failed transactions on the internal database after a system restore.

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VERSION 2.0.1 (BETA)

BETA RELEASE

NOTE: BETA RELEASES INCLUDE A PREVIEW OF THE FEATURES THAT ARE CURRENTLY UNDER FINAL STAGES OF DEVELOPMENT AND DEBUGGING. PLEASE UNDERSTAND THAT THE IMPLEMENTED FEATURES MAY NOT BE WORKING AS EXPECTED AND WILL LIKELY CHANGE OR EVEN BE REMOVED FROM THE FINAL RELEASE AT MIRIAL OWN DISCRECTION.

BUGS FIXED IN THIS RELEASE

ID	***Description***
-	Fixed encryption bug that caused the receiver call leg not to be always encrypted.
-	Enabled H.239 presentation.

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VERSION 2.0.0 (BETA)

BETA RELEASE

NOTE: BETA RELEASES INCLUDE A PREVIEW OF THE FEATURES THAT ARE CURRENTLY UNDER FINAL STAGES OF DEVELOPMENT AND DEBUGGING. PLEASE UNDERSTAND THAT THE IMPLEMENTED FEATURES MAY NOT BE WORKING AS EXPECTED AND WILL LIKELY CHANGE OR EVEN BE REMOVED FROM THE FINAL RELEASE AT MIRIAL OWN DISCRECTION.

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VERSION 1.1.20

MAINTENANCE RELEASE

WHAT'S NEW

- **REST API improvements** – Added “enabled by default” options for group codecs and resolutions. For further information see Appendix A of the Administrator Guide.

BUGS FIXED IN THIS RELEASE

ID	*Description*
-	Start calls with H.263 baseline also with ClearSea clients to increase compatibility with third-party endpoints.
-	Improved heuristics used to choose call protocol when calling an unknown endpoint.
-	Fixed a Control Panel issue when using Internet Explorer 9.
- 87228	Improved Control Panel error message in case an invalid image file is uploaded as a group banner and fixed description of supported image formats in the Administrator Guide.

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VERSION 1.1.19

MAINTENANCE RELEASE

WHAT'S NEW

Additional LDAP authentication options – LDAP authentication, which can be optionally enabled through Control Panel section "*SERVICE – ClearSea Endpoint*", has been extended with additional options. See Administrator Guide chapter 5.4.1 for further information.

BUGS FIXED IN THIS RELEASE

ID	***Description***
-	ClearSea Server: Only the last 20 call history entries are now transmitted to clients in order to improve performance.

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VERSION 1.1.18

MAINTENANCE RELEASE

BUGS FIXED IN THIS RELEASE

ID	*Description*
-	Fixed bugs on capabilities negotiation with some devices.
-	Added support for bandwidth negotiation at medium level in SDP.
-	Misc stability improvements.

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VERSION 1.1.17

MAINTENANCE RELEASE

WHAT'S NEW

- **REST API improvements** – A new parameter ID has been added to the Account resource. For further information see Appendix A.2 of the Administrator Guide.

BUGS FIXED IN THIS RELEASE

ID	*Description*
-	Fixed re-Invite concurrency on bridged calls that may end up in a continuous negotiation loop.
- 87409	Fixed a bug in the H.323 H.263+ Capability parser that caused a channel to be opened with a wrong capability.

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VERSION 1.1.16

MAINTENANCE RELEASE

WHAT'S NEW

- **Download of multiple Logs and CDR files** – Control Panel sections "*LOGs and CDRs - Manage Logs*" and "*LOGs and CDRs - Manage CDRs*" now allow downloading all the selected files or all the currently displayed files.

BUGS FIXED IN THIS RELEASE

ID	***Description***
- 87409	ClearSea Server: Fixed a bug that could cause a H.323 video out channel to be opened with a wrong capability.
- 87404	ClearSea Server: Fixed missing called party number in redirected calls.
	ClearSea Server: Improved performance under stress conditions.

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VERSION 1.1.15

MAINTENANCE RELEASE

BUGS FIXED IN THIS RELEASE

ID	*Description*
- 86902	Added supported media packetizations in H.323 TCS for improved interoperability.

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VERSION 1.1.14

MAINTENANCE RELEASE

BUGS FIXED IN THIS RELEASE

ID	*Description*
-	ClearSea Server: Fixed a regression introduced in the previous release causing failed logins when using Android or iOS client.

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VERSION 1.1.13

MAINTENANCE RELEASE

WHAT'S NEW

- **ClearSea Desktop Client 7.2 BETA** – A beta version of the new Clear Sea Desktop Client version 7.2 can now be downloaded from the following URLs:
  - Windows: *http://[SERVER_ADDRESS]/CSC2/download/win/Mirial-ClearSeaClient2-Installer.msi*
  - Mac OS X: *http://[SERVER_ADDRESS]/CSC2/download/mac/Mirial-ClearSeaClient2-Installer.pkg*
- **Support for presence** – Added support for presence in Android, iOS and Desktop Clients version 7.2.37 or later.
- **Additional call details in Control Panel** – Control Panel section *"STATUS – Active Calls"* now includes a *"Details"* column which allows retrieving additional information about an ongoing call.
- **Public Web Server redirect** – In Control Panel section *"SERVICE – ClearSea Endpoint"* a new subsection *"Public Web Server"* can be used to enable and configure HTTP-redirect to an external Web Server.
- **Service status in Control Panel header** – The number of used ports and registered users is now displayed also in the Control Panel header.

BUGS FIXED IN THIS RELEASE

ID	***Description***
- 86289	ClearSea Server: Fixed excessive log size when logging verbosity is set to VERBOSE.
-	ClearSea Server: Tuned sockets keep-alive to preserve the battery of mobile devices.
-	ClearSea Server: Improved performance under stress conditions.

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VERSION 1.1.12

MAINTENANCE RELEASE

WHAT'S NEW

- **Added Date column in Logs and CDR pages** – Logs and CDR files can now be sorted by date in the Control Panel.

BUGS FIXED IN THIS RELEASE

ID	***Description***
-	ClearSea Server: Fixed an issue in handling call disconnection events.

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VERSION 1.1.11

MAINTENANCE RELEASE

WHAT'S NEW

- **Support for an HTTP Proxy when contacting the Mirial Master Server** – The new subsection *"Master Server Access"* in Control Panel section *"SYSTEM – Administrative"* allows configuring an HTTP Proxy server to be used when contacting the MMS. For further information see paragraph 5.3.10 of the Administrator Guide.
- **Group contacts option in group properties** – In Control Panel section *"SERVICE – Groups"*, the "*Enable global contacts"* property has been renamed to "*Enable contacts"* and contains a new *"Group"* option. See paragraph 5.4.2.1 *"Group Properties"* of the Administrator Guide.
- **Duration column in Registered ClearSea Clients** – In Control Panel section *"STATUS – Registered ClearSea Clients"*, column *"Registration Time"* has been changed to *"Duration"*.

BUGS FIXED IN THIS RELEASE

ID	***Description***
-	ClearSea Server: Fixed a bug that could cause a wrong endpoint to be called if more than one endpoint of the same User Account was registered behind the same NAT.
-	ClearSea Server: Fixed an issue that could cause Call History entries to be prematurely deleted under some circumstances.

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VERSION 1.1.10

MAINTENANCE RELEASE

BUGS FIXED IN THIS RELEASE

ID	*Description*
- 85590	ClearSea Server: The configured extension is used as alias when calling a Legacy Account.
- 85463	ClearSea Server: It is now possible to disable SNMP.
- 85712	ClearSea Server: In the User Group configuration page it is now possible to select which option to enable by default.
-	ClearSea Client: Improved Acoustic Echo Cancellation.
- 85587	ClearSea Client: Fixed an issue causing the client to ignore RTP ports numbers configured on the server.
-	ClearSea Server: Updated DTMF decoder with stronger resilience against false positives.
-	ClearSea Server: Fixed a bug on resent RTP packets that could cause poor video quality.
-	ClearSea Server: Fixed a bug on parser for some UTF-8 destination URLs that could cause the system to become unresponsive.
-	ClearSea Server: Fixed a bug on SIP message handler that could cause ClearSea endpoints to lose registration.
-	ClearSea Server: Fixed a bug that caused H.323 Capability to be sent with the wrong directionality causing compatibility issues with some Legacy endpoints.
-	ClearSea Server: Fixed a bug that prevented the “ringback” notification to be correctly proxied to the caller.
-	ClearSea Server: Stability improvements.

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VERSION 1.1.9

MAINTENANCE RELEASE

BUGS FIXED IN THIS RELEASE

ID	*Description*
- 85733	Fixed a bug that caused H.224 and H.239 channels to have the same ForwardLogicalChannelNumber thus causing OpenLogicalChannel to be rejected.
- 85697	Added support for client requested expires in registrations to allow registration intervals longer than the default one.

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VERSION 1.1.8

MAINTENANCE RELEASE

BUGS FIXED IN THIS RELEASE

ID	*Description*
-	ClearSea Server: Fixed an issue in the “Accounts” page when creating a new account with an empty “Expiry Date”.
-	ClearSea Server: Stability improvements.

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VERSION 1.1.7

MAINTENANCE RELEASE

BUGS FIXED IN THIS RELEASE

ID	*Description*
-	ClearSea Server: fixed an issue in the “Accounts” page when ordering by “Outbound Calls” or “Incoming Calls”.
-	ClearSea Server: fixed an issue in the “Graphs” page not displaying the correct date range under some circumstances.
-	ClearSea Server: when enabling the internal Firewall, SNMP ports and HTTPS control panel port (8801) are now blocked.
-	ClearSea Server: Fixed H.239 negotiation to work with third-party MCU.
84693	ClearSea Server: Changed capabilities negotiation behavior on call start to maximize compatibility with endpoints that do not conform with standards.
85331	ClearSea Server: Fixed a bug that may cause SIP forked calls not to be connected.
-	ClearSea Server: Stability and general improvements.

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VERSION 1.1.6

MAINTENANCE RELEASE

BUGS FIXED IN THIS RELEASE

ID	*Description*
-	Fixed a bug in the DTMF tones decoder that failed detecting IN-BAND tones.
-	Fixed retransmission of SIP Requests over TCP.
-	Fixed handling of negative responses to SIP re-INVITEs that could prevent RTP media from being forwarded.

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VERSION 1.1.5

MAINTENANCE RELEASE

WHAT'S NEW

- **OS Info column** – A new column “OS Info” has been added to Control Panel section “Registered ClearSea Clients”.

NOTE: Backup files produced by ClearSea version 1.1.5 or later can’t be restored on previous product versions.

BUGS FIXED IN THIS RELEASE

ID	***Description***
- 84502	Fixed a bug in G.722.1.C endianness selection that caused broken audio on SIP endpoints not providing a valid User-Agent.
- 84516	Fixed a bug in SIP protocol selection that prevented the re-INVITEs to be correctly delivered.

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VERSION 1.1.4

INTERNAL RELEASE

BUGS FIXED IN THIS RELEASE

ID	*Description*
-	Under some circumstances, when calling for the first time a Legacy endpoint with protocol set to AUTO, a SIP call could be placed even if a H323 endpoint was found.
-	Fixed an issue that could cause failed authentications under some circumstances.

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VERSION 1.1.3

FEATURE RELEASE

WHAT'S NEW

- **Android Client** – A ClearSea Client for Android mobile devices is now available on the Android Market. Go to the Android Market and search for "ClearSea" by Mirial.
- **Voice activated multiconference** – Users can now participate in voice activated conference rooms.
- **REST API** – ClearSea Server now includes a REST API that can be used for server provisioning and management. See *"Appendix A"* of the Administrator Guide for further information.
- **Automatic import of LDAP accounts** – Added option to allow automatic creation of User Accounts whenever the credentials provided by a user during client login are authenticated by the LDAP server.

BUGS FIXED IN THIS RELEASE

ID	***Description***
- 84001	ClearSea Server: Fixed call keep-alive algorithm to handle SIP 481 and 408 responses as an indication for dead calls detection.
- 84418	ClearSea Server: Fixed a bug in the calledID parser that caused a certain type of SIP calls not to be connected.
- 84272	ClearSea Client: Fixed an issue which under some circumstances could cause a crash on call start when the AEC is enabled.
- 83680	ClearSea Client: Added support for M-JPEG capture devices.

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VERSION 1.1.2 (BETA)

BETA RELEASE

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BUGS FIXED IN THIS RELEASE

ID	***Description***
- 83414	ClearSea Server: Added support for Gatekeeper location requests.
-	ClearSea Client: Improved Acoustic Echo Canceller.

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VERSION 1.1.1 (BETA)

BETA RELEASE

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BUGS FIXED IN THIS RELEASE

ID	***Description***
- 84036	ClearSea Client: Fixed a interoperability issue which caused degraded video on some third party endpoints when using H.264.
- 83504	ClearSea Client: Fixed call duration display in Calls Log.
- 83182	ClearSea Client: Fixed a crash condition at the beginning of the call when using H.263 on Mac OSX in an high packet loss network.
- 83490	ClearSea Client: Fixed an interoperability issue with some third party MCUs when using H.263.
- 83299	ClearSea Server: fixed an issue possibly corrupting server configuration when hard disk space is exhausted.

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VERSION 1.1.0 (BETA)

BETA RELEASE

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WHAT'S NEW

- **MCU (Voice Activated)** – The ClearSea Server now implements an internal Multi Conference Unit supporting both ClearSea clients and H.323 / SIP clients.
- **Usage graphs** – A new page in the "STATUS" section of the control panel provides statistics and graphs about server usage.

BUGS FIXED IN THIS RELEASE

ID	***Description***
- 83299	ClearSea Server: fixed an issue possibly corrupting server configuration when hard disk space is exhausted.

KNOWN BUGS / LIMITATIONS

ID	***Description***
-	ClearSea Server: Internet Resilience is disabled
-	ClearSea Client: VCR Playback is not HD

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VERSION 1.0.6

MAINTENANCE RELEASE

BUGS FIXED IN THIS RELEASE

ID	*Description*
- 83556	ClearSea Server: Fixed an issue causing a degradation of both call quality and Control Panel responsiveness when receiving malformed RTCP packets.

KNOWN BUGS / LIMITATIONS

ID	*Description*
-	ClearSea Server: Internet Resilience is disabled
-	ClearSea Client: VCR Playback is not HD

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VERSION 1.0.5

MAINTENANCE RELEASE

BUGS FIXED IN THIS RELEASE

ID	*Description*
- 82616	ClearSea Client: Fixed behavior of Automatic Input Bandwidth Control when using H.239
- 82814	ClearSea Client: Acoustic Audio Cancelling performance has been enhanced
- 83176	ClearSea Server: All passwords in the Administrative Control Panel are now hidden
- 83177	ClearSea Server: Encrypted access to the Control Panel is now possible
- 83181	ClearSea Server: "Caller IP"/"Called IP" fields in the "Active Calls" page now display the name of the network interface receiving/making the call
- 83184 - 83233 - 83239 - 83247	ClearSea Server: Fixed some issues occurring when both network interfaces are configured on the same network
- 83201	ClearSea Client: LEDs displayed on the main window now have more intuitive colors
- 83202	ClearSea Client: When full-screen, the PIP window can now be moved outside the screen
- 83203	ClearSea Client: Full-screen mode is now always available, even when the call is on hold
-	ClearSea Server: Fixed H.239 interoperability with some H.323 endpoints
-	ClearSea Server: Fixed a regression in Control Panel section "Maintenance – Backup and Restore"

KNOWN BUGS / LIMITATIONS

ID	*Description*
-	ClearSea Server: Internet Resilience is disabled

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-	ClearSea Client: VCR Playback is not HD

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VERSION 1.0.4

MAINTENANCE RELEASE

BUGS FIXED IN THIS RELEASE

ID	*Description*
- 37411	ClearSea Server: Resolved an issue causing H.323 calls to be dropped after entering the IVR
- 37502	ClearSea Server: The “Network Interfaces” page is now more intuitive
- 43687	ClearSea Server: It is now possible to logout from the control panel
- 82524	ClearSea Server: White spaces in some control panel input fields are now removed correctly
- 82602	ClearSea Client: Resolved an issue when enabling or disabling H.239
- 82619	ClearSea Client: An overlaid Mirial logo is now displayed on the screen of the remote party when the call is being connected
- 82620	ClearSea Server: Graphics improvements in the ClearSea Client Download page
- 82666	ClearSea Server: Fixed a problem in the control panel occurring when using the “Edit contact list” form
- 82678	ClearSea Server: Fixed an issue causing RTCP data for a call to be sent even after the call was dropped
- 82695	ClearSea Server: The number of available ports in “User Groups” > “Edit Properties” is now computed correctly
- 82696	ClearSea Server: Fixed a minor layout problem in control panel pop-ups
- 82726	ClearSea Server: An alert is now displayed when an unreachable LDAP host is configured in the control panel
- 82730	ClearSea Server: The “Static Routes” > “Add route” form is now more intuitive
- 82733	ClearSea Server: The Autoscan Legacy feature now drops the call immediately as soon as the ringback tone is received from the remote party

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- 82779	ClearSea Server: Control Panel alerts ordering by time now works correctly
- 82810	ClearSea Server: The password input field in the “User Accounts” > “Add CSC Account” and “Edit CSC Account” forms is now hidden when external LDAP authentication is enabled
- 82816	ClearSea Client: Fixed an issue causing audio or video freezing when starting a call
- 82823, 82828	ClearSea Server: Legacy user accounts were not recognized correctly under some circumstances
- 82829	ClearSea Server: Disabling a legacy user account now works as expected
- 82835	ClearSea Server: VMware Fusion 3 (Mac OS X) is now fully supported
- 82841	ClearSea Server: Fixed an issue causing a control panel session to expire after a period of inactivity
- 82933	ClearSea Server: Improved interoperability with Codian MCU under H.323

KNOWN BUGS / LIMITATIONS

ID	***Description***
-	ClearSea Server: Internet Resilience is disabled
-	ClearSea Client: VCR Playback is not HD

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VERSION 1.0.3

MAINTENANCE RELEASE

WHAT'S NEW

- **CDR** – The ClearSea Server now generates the detailed record for each call.
- **Administrator Manual** – The Administrator Manual has been revised and extended.

BUGS FIXED IN THIS RELEASE

ID	***Description***
- 37275	ClearSea Client: The Test Call is now included in the list of global contacts
- 82591	ClearSea Client: Improved resilience on registration in bandwidth limited scenarios
- 82588	ClearSea Client: Resolved an issue where the H.239 was exceeding the expected frame rate
- 82615	ClearSea Server: When clicking on the entry of a log file in the control panel, the file is now downloaded to the local computer
- 82623	ClearSea Server: The firewall configuration page is now more intuitive
- 82632	ClearSea Server: The server did not behave correctly when receiving H.225 Facility messages with empty conferenceID fields
- 82650	ClearSea Server: under some circumstances in 1-to-1 NAT scenarios, H.323 calls did not work correctly
- 82680	ClearSea Server: Audio capabilities now always include all available codecs
- 82671	ClearSea Server: A warning is now displayed if the IP address assigned to a network interface is already configured on the network
- 82672	ClearSea Server: RTCP did not work correctly in some scenarios
- 82673	ClearSea Server: Fixed SIP/SDP issue
- 82679	ClearSea Server: Fixed H.239 negotiation in some scenarios

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- 37255	ClearSea Server: Fixed a problem in Group configuration for H.239
- 37446	ClearSea Server: Fixed a problem with SQCIF negotiation on some scenarios
- 82541	ClearSea Server: Fixed a problem with Test Call and IVR streams that sometimes showed packet loss indication on the Client.
- 82587	ClearSea Server: It is now possible to specify desired protocol (“sip:” or “h323:”) in the “dialstring” for Legacy accounts configured as “AUTO”
- n/a	ClearSea Server: Fixed a problem with VMWare Player where the Console remains in “Loading” state undefinitely
- 82589	ClearSea Client: Fixed a problem at the beginning of the calls where the “Mirial is starting the call” remained shown instead or the remote video until window is resized or moved to fullscreen
- 82592	ClearSea Server: Various “Administrator Contol Panel” GUI enhancements (includes also: 82614, 82624, 82625)
- 82612	ClearSea Server: Resolved a problem that would cause log file flooding when duplicate IPs are present in the network
- 82618	ClearSea Server / Client: RTP stats are now more accurate
- 82664	ClearSea Server: Extensions now support leading “0”

KNOWN BUGS / LIMITATIONS

ID	***Description***
-	ClearSea Server: Internet Resilience is disabled
-	ClearSea Client: VCR Playback is not HD

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VERSION 1.0.0

This is the first release.

KNOWN BUGS / LIMITATIONS

ID	*Description*
-	ClearSea Server: Internet Resilience is disabled
-	ClearSea Client: VCR Playback is not HD
-	ClearSea Server: On first boot when using VMware Player, sometimes the Console remains in “Loading” state. Workaround: press the “Refresh” icon on the upper right of the console.

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