Phoenix LVE™
Live Surveillance Camera Viewing

Version 6.5.3

Change Log

New in Version 6.5.3

ID#: 2360
OS: Windows, Mac, Linux
Component: Live Viewer
Summary: Add a new OobReceive() which allow timeout value be fraction of a second
Description: On PTZ continuous controlling procedure, 1 second timeout for a socket is too long and 0 seconds of timeout (one read only) is too short. This function overloads the old version which only take dUINT32 of TimeOut value with a timeval structure.

ID#: 2635
OS: Mac, Linux
Component: All Phoenix Apps
Summary: Optimize key configuration processing.
Description: For non-Windows platforms, the linear processing of the Keys.conf files is getting more costly with the increased number of keys and therefore should be optimized.

ID#: 2462
OS: Windows, Mac, Linux
Component: Live Viewer
Summary: Automatically restart camera feed when lost.
Description: When a camera feed is lost, LiveViewer should automatically restart the feed.

ID#: 2513
OS: Windows, Mac, Linux
Component: Live Viewer
Summary: Modify the SurvCam project to cope with COHU ONVIF soap message's change.
Description: COHU ONVIF cameras have a new ONVIF soap message format. The old soap parsing code will based on the soap message with no namespace, this no-namespace option is specified by each soap sent out to the camera. The new interface ignores this option and each element in XML will include a mandatory namespace.
Modify all the parsing functions, make them compatible with soap messages that with or whithout namespace, so both old and new interfaces work.

ID#: 2635
OS: Mac, Linux
Component: All Phoenix Apps
Summary: Optimize key configuration processing.
Description: For non-Windows platforms, the linear processing of the Keys.conf files is getting more costly with the increased number of keys and therefore should be optimized.

ID#: 2694
OS: Windows, Mac, Linux
Component: All Phoenix Apps
Summary: Change default handling of SIGTERM, SIGINT, SIGQUIT to exit(1).
Description: When a process receives a SIGTERM, SININT, or SIGQUIT which is not handled, do not abort. Instead, report the signal and then exit(1).

ID#: 2757
OS: Windows

Component: Documentation
Summary: Update reg key locations to match 32/64 bit machines
Description: The REG key locations for the software needs to include both 32/64bit locations.

ID#: 2785
OS: Windows, Mac, Linux
Component: All Phoenix Apps
Summary: Phoenix services may die without error message or core file.
Description: Phoenix services may die without printing an error message or dumping a core file.

ID#: 2795
OS: Windows, Mac, Linux
Component: All Phoenix Apps
Summary: Wrong usage of va_list for VSNPRINTF
Description: On Linux/FreeBSD liked OS, va_list argument become invalid after calling GD_VSNPRINTF (vsnprintf(...)). It can not be re-used for similar purpose, otherwise exception happens.

ID#: 2797
OS: Windows, Mac, Linux
Component: All Phoenix GUIs
Summary: Update copyright information for all apps.
Description: The copyright information for all products need to be updated for 2015.

ID#: 2798
OS: Windows, Mac, Linux
Component: All Phoenix Apps
Summary: Fix inconsistent syntax for including header files.
Description: Angle brackets in #include directives should be used for "system" headers only. Fix all instances in which Phoenix headers are specified within angle brackets.

ID#: 2799
OS: Windows, Mac, Linux
Component: All Phoenix Apps
Summary: HttpC: improve header parsing function
Description: On a bad network connection, HTTP response message may contain garbage data at the beginning which will interfere the header message parsing. This bugfix adds a new filter to filter out certain garbage data in front of the received HTTP header.

Enhancement
ID#: 2819
OS: Windows, Mac, Linux
Component: All Phoenix Apps
Summary: Add a template class for dynamic array management
Description: This bugfix adds a new template class to manage generic(any type)arrays.

ID#: 2821
OS: Windows, Mac, Linux
Component: All Phoenix GUIs
Summary: Saving KeyReg values fails on Apple if no .SoleraTecKeys file exists
Description: KeyReg values don't get saved if running on a posix platform and the .SoleraTecKeys file does not exist beforehand.

ID#: 2843
OS: Windows, Mac, Linux
Component: All Phoenix Apps
Summary: Extend Dynamic Array functionality

Description: Added predefined dynamic array types, extend the DynamicArrayC to support external array memory buffer pointed by pointers.

ID#: 2858
OS: Windows, Mac, Linux
Component: All Phoenix Apps
Summary: Increase the maximum sizes for pool names.
Description: Some instances of MediaPack and VolumePack variables are declared with smaller maximum values than others, potentially causing a memory overwrite if copied between each other. For example, these variables are sometimes bounded by GD_SHORT_NAME_LEN + 1 (65) instead of GD_MAX_NAME_LEN + 1 (256).

ID#: 2860
OS: Windows
Component: All Services
Summary: Change Windows service install to always restart service on error.
Description: When a Windows service is installed, it will now be configured to restart at 60 second intervals with no limit.

ID#: 2884
OS: Windows
Component: All Services
Summary: Services don't always stop properly when computer is shut
Description: When shutting down or restarting the computer, the SoleraTec services don't always shut down completely. This is especially evident with the Vault Service since it has to rebuild the database when the machine reboots. Other services are not impacted as badly. TgtProcSvc in a RSM environment could lose a few minutes of video since it doesn't close up video files that are being created. The software should be configured so that Windows waits for the important services to stop before it shuts down.

New in Version 6.3.3

ID#: 2337
OS: Windows, Mac, Linux
Component: Live Viewer
Summary: Add support for Sony PTZ cameras.
Description: Add PTZ, focus, and day/night support for Sony cameras.

ID#: 2341
OS: Windows, Mac, Linux
Component: Live Viewer
Summary: Add PTZ control support for Coretec Encoder.
Description: PTZ controls and recording support added for analog cameras that link to Coretec Encoder.

Enhancement
ID#: 2368
OS: Windows, Mac, Linux
Component: Camera Database
Summary: Add UDP models IPE6700 and IPE4100 to camera database.

ID#: 2370
OS: Windows, Mac, Linux
Component: Live Viewer
Summary: Selecting Cohu camera starts zoom out.
Description: PTZ control on a Cohu 3960 camera is unpredictable. Selecting the camera in the port causes it to zoom to full out and cannot be zoomed back in.

ID#: 2386

OS: Windows, Mac, Linux
Component: Live Viewer
Summary: Enable PTZ support for UDP cameras.
Description: Enable PTZ, focus, and day/night for UDP cameras.

ID#: 2411
OS: Windows, Mac, Linux
Component: Live Viewer
Summary: Pop-up menu should reflect users access permissions.
Description: When viewing a camera and right-clicking on the title car, the pop-up menu should enable/disable the wiper and day/night options depending on the user's access permissions.

ID#: 2426
OS: Windows, Mac, Linux
Component: Live Viewer
Summary: Error "Startup lay 'test' not found".
Description: The command line that runs the program to execute a layout does not work.

ID#: 2439
OS: Windows, Mac, Linux
Component: All Phoenix GUIs
Summary: Update support forum link.
Description: The link for the support forum does not match the website location.

ID#: 2460
OS: Mac
Component: Live Viewer
Summary: Adding Patrol causes app to fault and exit on Darwin.
Description: When adding a new Patrol in Live Viewer on Mac OS-X Maverick, Live Viewer faults.

ID#: 2463
OS: Windows, Mac, Linux
Component: All Phoenix Apps
Summary: Update copyright date.
Description: Need to update the copyright date for all apps (scv, cl, exe).

ID#: 2468
OS: Windows
Component: All Phoenix Apps
Summary: Running on Windows 8 fails.
Description: Running any of the executables on Windows 8 under a "Windows Live" or "Microsoft" account causes failure in "CredGet".

ID#: 2499
OS: Windows, Mac, Linux
Component: Live Viewer
Summary: Add option to disable hardware acceleration.
Description: Add a new option to disable hardware acceleration which enables the ability to render video directly.

ID#: 2509
OS: Windows, Mac, Linux
Component: Documentation
Summary: New options added to Live Viewer user preferences dialog.
Description: Two new options have been added to the Live Viewer user preferences dialog that are located in the Video Options section. Added "Enable hardware overlay" and "Enable multiple threads for decode."

New in Version 6.1.9

ID#: 2247
OS: Windows, Mac, Linux
Component: Documentation
Summary: Update System requirements.
Description: Need to update system requirements to match what is on the web site: Win Server (Intel Quad Core 2.83GHz or better; memory 4 GB); Win Client (Intel Dual Core 2.20GHz or better; memory 4 GB); Apple Server (10.7.3 or newer; Intel Quad Core 2.83GHz or better; memory 4GB or better); Apply Client (10.7; Intel Quad Core 2.83GHzor better; memory 4GB or better); Linux Server (Intel Dual Core 2.20GHz or better; memory 4GB or better); Linux (Intel Pentium IV 3.40GHz or better; memory 4GB or better)

ID#: 2306
OS: Windows, Mac, Linux
Component: Live Viewer
Summary: Optimize layouts of cameras.
Description: Camera layouts need to be optimized. If only moving a camera from one port to another, just move the camera. Do not close port and then open it again.

ID#: 2307
OS: Windows, Mac, Linux
Component: Live Viewer
Summary: Remove history buttons from Live Viewer navigation in user docs.
Description: The browser/history forward and backward buttons have been removed from Live Viewer. The documentation needs to reflect this.

ID#: 2308
OS: Windows, Mac, Linux
Component: Live Viewer
Summary: Add layout to patrol dialog truncates layout name.
Description: When layouts have a long name, the Add Layout dialog for patrols truncates the layout name in the list control.

ID#: 2318
OS: Windows, Mac, Linux
Component: Documentation
Summary: Readme.rtf has spelling error in Mac section.
Description: Readme.rtf has spelling errors in the Mac section.

ID#: 2319
OS: Windows, Mac, Linux
Component: Documentation
Summary: Bird logo should be consistent across all products.
Description: Bird logo – treatment, location, space between product name, etc. should be the same across all products.

ID#: 2324
OS: Windows, Mac, Linux
Component: Live Viewer
Summary: Wrong camera picked from list.
Description: When picking a camera from the list and dragging it over to be viewed, sometimes the camera that shows up is the one on the list below the one chosen.

ID#: 2327
OS: Windows, Mac, Linux

Component: Live Viewer
Summary: Mix of 2x4 and 4x4 windows in display.
Description: When dragging views around, changing to single display and back to multiple, changing from 2x4 to 4x4, an incorrect mix of windows displayed.

ID#: 2331
OS: Windows, Mac, Linux
Component: Live Viewer
Summary: White scroll bars appear in camera tree.
Description: When resizing the window, white scroll bars that are not part of the gui will appear in the camera tree.

ID#: 2332
OS: Windows, Mac, Linux
Component: Live Viewer
Summary: Stacking panels under tree should be minimized on startup.
Description: The first time Live Viewer is started, the stacking panels below the camera tree should be minimized.

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