

Phoenix RSM™

Surveillance Video Management



Version 6.5.3

Change Log

New in Version 6.5.3

ID#: 1555

OS: Windows, Mac, Linux

Component: Vault Service (VaultSvc)

Summary: Prepare Media diaglog needs defaults.

Description: Prepare Media dialog should have default values which are taken from the last time it was used in the current process.

ID#: 1874

OS: Windows, Mac, Linux

Component: Documentation

Summary: include %HOSTNAME% and %TYPE% token description under the General tab in Manage Vault Properties section

Description: %HOSTNAME% and %TYPE% variables can be used instead of a hard coded name. %HOSTNAME% is replaced by the computer name; %TYPE% is replaced by the Vault's type.

ID#: 1910

OS: Windows, Mac, Linux

Component: Target & Process Service (TgtProcSvc)

Summary: Modifying camera config sometime causes jobs not to restart.

Description: When you modify the camera config and save, it may or may not restart the jobs correctly.

ID#: 2338

OS: Windows, Mac, Linux

Component: Vault Admin

Summary: If FtOpenNew fails with no easy fix for customer.

Description: Disk Vaults only: If the Ft media structure gets out of sync with the SpaceArray, there is no easy way for the customer to fix the problem.

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#: 2362

OS: Windows, Mac, Linux

Component: SVM

Summary: Adding supports to UDP products.

Description: Cameras to support: IPE6700, IPE4100
Encoder to support: NVC1000.


ID#: 2451

OS: Windows, Mac, Linux

Component: SVM

Summary: Further optimize searching times for SVM.

Description: In VcmFinalizeSearch.cpp, the second phase of the search is not optimized. The search results processing has to traverse the resultant list many times looking for duplicates and other information. Since the lists are not sorted in any way, the



entire list has to be run for each found object.

ID#: 2493

OS: Windows, Mac, Linux

Component: SVM

Summary: Adding support on Motion Only recording.

Description: The recording time stamp is not right on motion only recording due to the server doesn't feed the record when there is no motion.

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 without namespace, so both old and new interfaces work.

ID#: 2517

OS: Windows, Mac, Linux

Component: Target & Process Service (TgtProcSvc)

Summary: Target and Process Service not recording motion on RTSP cameras

Description: The TgtProcSvc is not recording any motion from the RTSP based cameras.

ID#: 2619

OS: Windows, Mac, Linux

Component: VideoComponents Gen

Summary: VideoComponentGen does not use FfmpegExePathname KeyReg token.

Description: VideoComponentGen does not use FfmpegExePathname KeyReg token correctly.

ID#: 2635

OS: Windows, 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#: 2641

OS: Windows, Mac, Linux

Component: Data Service Policies

Summary: Data Service Policies prints log entry in "DataSvcSvc.log" and "TgtProcSvc.log"

Description: This occurs by design. Both services listen for admin file changes. If the change is not relevant, the service logs a "not interested" message.

ID#: 2672

OS: Windows, Mac, Linux

Component: Documentation

Summary: Document transcoding performance settings.

Description: Document transcoding performance settings: VideoComponentsGenMaxInstances and VideoComponentsGenMaxThreads

ID#: 2674

OS: Windows, Mac, Linux



Component: Target & Process Service

Summary: Suppress transcode pool size log message when not applicable.

Description: At startup, TgtProcSvc writes an informational message to the log file indicating the transcode pool size. This message should be written only if the system is equipped with video processing capabilities.

ID#: 2689

OS: Windows, Mac, Linux

Component: Data Services Service (DataSvcSvc)

Summary: "Test Only" policy processed data.

Description: A Migrate policy from Vault to Vault was run in "Test Only" mode and it purged data that was already existing on the destination machine. It should have done anything except create a list of objects to operate upon. It stated in the log file that it was running in "Test Run".

ID#: 2691

OS: Windows, Mac, Linux

Component: Target & Process Service (TgtProcSvc)

Summary: Milestone project Motion recording Mask frame caused play back flicking effect.

Description: The stream from milestone server is not always YUV420P anymore, the server will pass whatever the camera stream pix format without transcoding. So the stream format can be any valid YUV plans: 420, 422, 410, 444... When a different pixel format of mask frame get inserted into the movie stream that has different pix format, the play back on screen to such point caused flicking effects.

ID#: 2693

OS: Windows, Mac, Linux

Component: Target & Process Service (TgtProcSvc)

Summary: Milestone : MPEG4-2 stream mask frame issue.

Description: When creating a mask frame, original frame is decoded to raw frame first. Certain camera's MPEG4 key frame requires second pass on Decode function, the first run of Decoding is merely set up the configuration. The original code reports errors if Encode fails on first run.

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#: 2695

OS: Windows

Component: Locator Service (LocSvc)

Summary: Locator Service processes disconnected NICs.

Description: When LocSvc is running on a Windows machine where an active NIC is not connected, it pulls a 169 address and uses it for multicast listening and maybe other functions.

ID#: 2696

OS: Windows, Mac, Linux

Component: Target & Process Service (TgtProcSvc)

Summary: Add configuration to set write buffer size for capturing video in TgtProcSvc.


Description: When TgrProcSvc is capturing video from RTSP cameras, the resulting video file may be fragmented under certain conditions such as high disk write activity.

ID#: 2701

OS: Windows, Mac, Linux

Component: Vault Admin

Summary: Vault Checkup does not work.



Description: Running a “Vault Checkup” from Vault Admin results in errors and does not complete.

ID#: 2709

OS: Windows, Mac, Linux

Component: Target & Process Service (TgtProcSvc)

Summary: Milestone: Improved MPEG4 stream recording.

Description: MPEG4(Part2 and Part 10) recording on Motion mode caused old version of ffmpeg wrongly calculates the duration time.

Enhancement

ID#: 2710

OS: Windows, Mac, Linux

Component: All Phoenix Apps

Summary: Add multicast relay to use in networks without multicast capability.

Description: Add the ability for LocSvc to repeat/forward multicast messages to other network segments and/or machines.

ID#: 2713

OS: Windows, Mac, Linux

Component: Documentation

Summary: Text in “Vault Properties Security Tab” section does not match functionality.

Description: The text regarding permissions in the “Vault Properties Security Tab” section of the documentation does not reflect the functionality.

ID#: 2714

OS: Windows, Mac, Linux

Component: Documentation

Summary: Add LVE command line arguments to documentation.

Description: Command line arguments need to be added to the documentation.

Enhancement

ID#: 2716

OS: Windows, Mac, Linux

Component: Target & Process Service (TgtProcSvc)

Summary: Add Job Control File Feature

Description: Add a feature to TAP Service that uses a job control file to define the list of files for ingest.

Enhancement

ID#: 2717

OS: Windows, Mac, Linux

Component: Target & Process Service (TgtProcSvc)

Summary: Milestone : Using Milestone GenericByteData protocol to improve stability

Description: The header section of GenericByteData includes a set of fields that provide useful information of the stream, such as stream type, frame size and time-stamp etc. By retrieving these information and applying them to algorithms for analyzing stream structure, filtering frame error etc, the program can run better.

ID#: 2718

OS: Windows, Mac, Linux

Component: All Services


Summary: Misused GD_FALSE as NULL pointer

Description: GD_FALSE is defined as macro of 0x00. When SendHttpGet(...) function get called by HTTPC library, it was passed in GD_FALSE as third parameter which should be type of char pointer.

ID#: 2720

OS: Windows, Mac, Linux

Component: Vault Service (ValutSvc)



Summary: Add option to set database sync interval.

Description: Add a new KeyReg setting which will allow a user to set the database sync interval.

ID#: 2722

OS: Windows, Mac, Linux

Component: Vault Service (ValutSvc)

Summary: Add option to set tape free space query interval.

Description: Add a new Keys.conf option to allow a user to set the interval at which the tape drive is queried for free space in seconds.

ID#: 2724

OS: Windows, Mac, Linux

Component: Target & Process

Summary: Milestone: Issues on cameras that have long GOP.

Description: Problem: Cameras that have very long GOP (key frames duration), for example, 15 seconds, won't be recorded properly.

ID#: 2728

OS: Windows, Mac, Linux

Component: Vault Admin

Summary: The data stream cache choice list shows an incorrect selection.

Description: When selecting a vault and getting its properties, the value in the "Virtual memory used for each data stream cache" (Devices tab, Connection Resources section) is often incorrect.

Enhancement

ID#: 2729

OS: Windows, Mac, Linux

Component: Vault Admin

Summary: Increase the number of data stream cache choices.

Description: On the Devices tab of a vault's Properties dialog, increase the number of choices for "Virtual memory used for each data stream cache."

ID#: 2730

OS: Windows, Mac, Linux

Component: Vault Admin

Summary: Vault Admin's "Vault Stats" does not update properly.

Description: On the "Vault Stats" dashboard in Vault Admin, the timeline does not update at a steady rate, and the driver meters sometimes do not reflect the current values.

ID#: 2734

OS: Windows, Mac, Linux

Component: Vault Service (VaultSvc)

Summary: Set minimum block size for tape.

Description: Set a minimum block size for tape. This will help ensure that the tape drive will stream when receiving data for small files.

ID#: 2736

OS: Windows, Mac, Linux

Component: Vault Service (VaultSvc)

Summary: Set vault data pre-fetch limit to decrease latency when open existing files.

Description: Set vault data pre-fetch limit to decrease latency when open existing files. Currently when an existing file is opened for data read, we submit read requests to fill up all cache space. This delays all incoming data read requests until all pre-fetch requests have completed.

ID#: 2738



OS: Windows, Mac, Linux

Component: Data Services Service (DataSvcSvc)

Summary: Reduce latency for DSS data transfer.

Description: When DSS is transferring data between vaults using oob, it will submit a read request for 256k, wait for all data to arrive, then submit a write request for the 256k of data. This can cause latency since it must wait for the command to fully complete and requires 2 round trip RPC calls per transfer.

ID#: 2739

OS: Windows, Mac, Linux

Component: Vault Service (VaultSvc)

Summary: Change device IO performance heuristics.

Description: The max tape speed shown as 100% on the Vault Stats windows is too low for current LTO and disk technology. This results in the graph always showing 100%.

ID#: 2749

OS: Windows, Mac, Linux

Component: Vault Service (VaultSvc)

Summary: Offline media request email does not contain a body.

Description: Offline media request emails do not contain a body when sent to some email servers.

ID#: 2752

OS: Windows, Mac, Linux

Component: Camera Policies

Summary: Camera Policies reports memory problem.

Description: When loading a large number of policies, Camera Policies eventually runs out of memory and displays an error dialog but attempts to continue.

ID#: 2754

OS: Mac

Component: All Phoenix Apps

Summary: New Mac OS does not start services.

Description: The new Mac OS X 10.10 does not start the Phoenix services automatically when the machine starts.

ID#: 2755

OS: Windows, Mac, Linux

Component: Target & Process Service (TgtProcSvc)

Summary: Milestone: Add motion support by using Image Recording SOAP service.

Description: The image server return XML message doesn't include motion information on block reading mode, it is only included when reading a single JPEG frame.

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#: 2758

OS: Windows, Mac, Linux

Component: SVM

Summary: "Date and Time" search criteria does not display correctly.

Description: When a "Date and Time" search criteria is added, the panel containing the new criteria is not sized properly. Only a sliver of the second-line choice box shows. Once a choice is selected, then it properly sizes.

ID#: 2759

OS: Windows, Mac, Linux



Component: SVM

Summary: Removing “Date and Time” search criteria does not remove the criteria internally.

Description: Once a search is done using a “Date and Time” criteria, all subsequent searches still include that criteria even after it is removed.

Enhancement

ID#: 2767

OS: Windows, Mac, Linux

Component: SVM

Summary: Display Events with the Logging Entries in the Media Viewer .

Description: New feature in the media viewer that will display event data in the same list as the logging data.

Enhancement

ID#: 2769

OS: Windows, Mac, Linux

Component: SVM

Summary: Add Video Analytics Search Criteria.

Description: New search criteria to SVM using the events associated with video analytics as the criteria.

ID#: 2771

OS: Windows, Mac, Linux

Component: RTSP Relay Service (RtspRelaySvc)

Summary: RtspRelaySvc : Increase the packet buffer size for High resolution camera.

Description: The packet buffer size in MediaSink class was too small to fit a whole key-frame of those HD cameras, causing frame being truncated during streaming.

ID#: 2773

OS: Windows, Mac, Linux

Component: SVM

Summary: SVM Crashes When Camera Policies Get Updated.

Description: When both Camera Polices and SVM are running at the same time, it is possible to crash SVM if a change is made to a policy.

ID#: 2776

OS: Windows, Mac, Linux

Component: SVM

Summary: Remove redundant MediaViewer call to set the logging window size.

Description: There a couple redundant calls to SetListControlSize() in the media viewer code. The calls happen when initially building the media viewer and when saving a new log entry. In both instances, the code calls UpdateLoggingListControl() first which already makes a call to SetListControlSize().

ID#: 2777

OS: Windows, Mac, Linux

Component: SVM

Summary: SVM stitches incorrectly if exported file is renamed.

Description: An exported video file will be incorrect if the user exports a video that spans multiple segments, chooses the option to stitch the video into one file and has renamed the output file via the right click drop down menu in the export queue.


ID#: 2778

OS: Windows, Mac, Linux

Component: RTSP Relay Service (RtspRelaySvc)

Summary: RtspRelaySvc : Camera list empty issue.

Description: If RtspRelaySvc starts before LocSvc or missed broadcast message for camera list information, the list will be empty and will not be updated until the camera policy is changed.



ID#: 2782

OS: Windows, Mac, Linux

Component: Vault Service

Summary: Properly handle expired/invalid vault licenses.

Description: When a vault's license expires, it shuts down. Now that we have implemented automatic restart of services that stop (on certain operating systems), VaultSvc will continually be launched and then will shut down when it determines that the license is invalid. Instead, keep the vault running, but do not allow any files to be written.

ID#: 2783

OS: Windows, Mac, Linux

Component: Data Service Policies

Summary: Data Service Policies crashes when you try to delete a policy.

Description: After confirming you want to delete a policy, you will see the app crashes. The V633 binaries for DSP work fine.

ID#: 2784

OS: Windows, Mac, Linux

Component: Target & Process Service (TgtProcSvc)

Summary: Invalid IP address being used to obtain Milestone timeline information.

Description: Customer is receiving the following error: "Unable to get timeline information through recorder SOAP service". The management server IP address is being used to submit a recorder request.

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#: 2786

OS: Windows, Mac, Linux

Component: Camera Policies

Summary: Remove "Enable Record on Motion Detect" option.

Description: Remove the "Enable Record on Motion Detect" option from the Camera Configuration Modify Camera/Add New Camera dialog. VMS cameras only.

ID#: 2787

OS: Windows, Mac, Linux

Component: All Phoenix Apps

Summary: Unable to get camera list from onSSI Enterprise.

Description: Camera Configurations is unable to query for a camera list from onSSI Enterprise. It returns the error "No cameras found for <user>".

ID#: 2766

OS: Windows, Mac, Linux

Component: Target & Process Service

Summary: Arecont camera motion event recording.

Description: Added support for motion event recording on Arecont Camera.

ID#: 2768

OS: Windows, Mac, Linux

Component: SVM

Summary: Timescale issue

Description: New ffmpeg will change clip's timescale to 19200, while live555 quicktime uses old 600 as timescale. ffmpeg does

something wrong on concatenating clips with different timescale.

ID#: 2780

OS: Windows, Mac, Linux

Component: Target & Process Service

Summary: Updating camera alarm event supporting database for panasonic.

Description: Panasonic has a set of new camera models that support alarm-events with existing CGI interface.

Model WV-SW115 has been added to event table. There are more new models out there and need be added into camera database.

ID#: 2788

OS: Windows, Mac, Linux

Component: Target & Process Service

Summary: Milestone: Timeline supporting issue.

Description: The milestone image server's timeline API function is available to corporate version only. If run the TgtProcSvc on none corporate version of Milestone server, the recorder will fail, because no timeline information.

ID#: 2789

OS: Windows, Mac, Linux

Component: Target & Process Service

Summary: Milestone: Motion threshold time issue

Description: Mask no-motion frame was inserted mistakenly on those slow frame rate camera.

Enhancement

ID#: 2790

OS: Windows, Mac, Linux

Component: SVM

Summary: Add SVM Feature to Export Logging and Event Files.

Description: Add a feature to SVM that allows the user to export logging or event files associated with the video being exported.

The feature should be enabled by using check boxes on the export page as is already being done in VCM for logging. The data in the event and logging files should be clipped appropriately just like the video.

ID#: 2791

OS: Windows, Mac, Linux

Component: SVM

Summary: SVM needs to check the vault for the latest logging file during an export.

Description: If the user is exporting logging data associated with the chosen video, SVM needs to check the vault for the latest logging files when building the export list.

ID#: 2792

OS: Windows, Mac, Linux

Component: Target & Process Service

Summary: Milestone: Modify the algorithm, let server have a lag time for better recording.

Description: On motion recording, the server send out video blocks contains delayed frames. Because of this, the recorder might get frames whose timestamps are earlier then it expected, if the recorder's time is too close to the server's current time. Added a variable to let the server have a lag time, so our recorder (milestone project) can always get sequenced video blocks.

ID#: 2794

OS: Windows, Mac, Linux

Component: Target & Process Service (TgtProcSvc)

Summary: Milestone : Fixed an issue that may cause memory leaking when synchronize the frame with milestone server.

Description: If milestone camera video recording size changes while TgtProcSvc is running, the Synchronization function of TgtProcSvc may cause memory leak by creating a new video context, left the old one.

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#: 2796

OS: Windows, Mac, Linux

Component: Camera Policies

Summary: Update Axis M1014 URL to match M1011

Description: The url for Axis M1014 is now "/axis-media/media.amp". This matches the url for Axis 1011

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.

ID#: 2800

OS: Windows, Mac, Linux

Component: Target & Process Service

Summary: Milestone: Enhance image buffer reading and processing.

Description: This bugfix improves the performance when network connection is poor.

ID#: 2802

OS: Windows, Mac, Linux

Component: SVM

Summary: Duplicate Id's in Event and Logging info.

Description: When adding a new logging entry in the Media Viewer, it is possible for the new entry to get the same id as an existing event. When this occurs, the logging gets displayed in the media viewer but the event item does not. The logging entry also inherits the in/out time from the event.

ID#: 2806

OS: Windows, Mac, Linux

Component: SVM

Summary: Media Viewer Displays Incorrect Month in New Logging Entry.

Description: When adding a new logging entry in the Media Viewer, the month displayed in the Time In/Time Out fields is off by one. For example, March 7 2015 will be displayed as 2015/02/07.

ID#: 2813



OS: Windows, Mac, Linux

Component: All Phoenix Apps

Summary: TgtProcSvc is running out of open file handles.

Description: After TgtProcSvc has been running for a couple of hours on the Zorin-Linux OS, no new files are ingested.

ID#: 2814

OS: Windows, Mac, Linux

Component: Vault Service (VaultSvc)

Summary: UUIDs may not contain time.

Description: The UUIDs that are created on different machines don't always embed the time in a useful format. We can no longer decode the time for use.

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#: 2824

OS: Windows, Mac, Linux

Component: Target & Process Service

Summary: Saving KeyReg values fails on Apple if no .SoleraTecKeys file exists

Description: Target and Process Service fails to create threads when there is a large number of cameras recording.

ID#: 2827

OS: Windows, Mac, Linux

Component: Data Service Policies

Summary: Criteria Tab: Improve wording in date/time dropdown menu

Description: Improve the wording in the Criteria Tab for the 'Time:' pulldown menu. The entries 'Not accessed in the past 1 day' or 'Accessed in the past 1 day' are confusing. In the case of a Surveillance installation have the dropdown use the word 'Created' instead of 'Accessed'. Change the logic so that in a Surveillance installation the vault uses dtm (date/time modified) instead of dtc (date/time created) when searching for files.

ID#: 2828

OS: Windows, Mac, Linux

Component: RTSP Relay Service (RtspRelaySvc)

Summary: Camera session is closed down every 2 minutes.

Description: When viewing a camera RTSP feed through the RtspRelaySvc, the session is closed down periodically roughly every 2 minutes. It can be immediately restarted but will close again in 2 minutes.

ID#: 2829

OS: Windows, Mac, Linux

Component: SVM

Summary: Add login capability to SVM.

Description: Add ability for user to provide user credentials which will be used with all lookup and searching within SVM.

ID#: 2831

OS: Windows, Mac, Linux

Component: Data Service Policies

Summary: Deleting a policy causes app to crash

Description: DataSvcPolicies will crash if the last policy is deleted using the delete button or choosing 'Delete Selected Policy' from the 'Edit' dropdown.

ID#: 2834

OS: Windows, Mac, Linux

Component: Video Component Gen

Summary: VideoComponentGen: ffmpeg option analyzeDuration default value is too short for certain video

Description: The default value of ffmpeg option "analyzeduration" is too small that ffmpeg can not get correct information for certain video clips.

ID#: 2836

OS: Windows, Mac, Linux

Component: Target & Process Service

Summary: Utiliy: Extend functions of DynamicArrayC

Description: Added a template class AynamicArrayC that manages dynamic size of the memory.

ID#: 2842

OS: Windows, Mac, Linux

Component: Documentation

Summary: Document new option: "Wait for slow media".

Description: New option added to User Preferences for SVM.

Title: Wait for slow media

Desc: When selected, application will try to retrieve thumbnails images and other display-related files from slow media, i.e., tape. Search results will be slow when this is enabled and thumbnails only exist on tape or other slow media.

Default: Disabled

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#: 2847

OS: Windows, Mac, Linux

Component: RTSP Relay Service (RtspRelaySvc)

Summary: Camera:SecureEye-1080 playback duration is longer than real time recording duration

Description: SecureEye-1080P camera sends out frames with wrong Presentation time (PTS) on certain configuration setting. On such setting, the observed PTS from RTSP stream is larger than the correct one. Video recorded with these error PTS has longer play-back time than its real time duration. e.g. a Video clip recorded in 5 minutes long has a play-back duration of 5 minutes and 50 seconds.

ID#: 2848

OS: Windows, Mac, Linux

Component: Data Services Service

Summary: DSS hangs at the beginning of jobs and no longer processes jobs.

Description: DSS hangs randomly but always at the beginning of a job. All scheduled eventually hang at the beginning.


ID#: 2849

OS: Windows, Mac, Linux

Component: Vault Service

Summary: Vault sometimes hangs on startup or randomly during running.

Description: Vault sometimes hangs on startup or randomly during running.



ID#: 2849

OS: Windows, Mac, Linux

Component: RTSP Relay Service (RtspRelaySvc)

Summary: Video is not available when the NVR3 has its firewall enabled.

Description: RtspRelaySvc does not provide video when the NVR3 has its firewall enabled.

Enhancement

ID#: 2854

OS: Windows, Mac, Linux

Component: Vault Admin

Summary: Add ability to prepare/load/unload/erase multiple tapes at once

Description: A feature is needed that would allow the user to prepare, erase, load or unload multiple media at once. The feature should work when the user highlights multiple items in the VaultAdmin info window and uses either the right click drop down menu or the buttons on the tool bar to perform the appropriate action. This feature should work on hard drives with the exception of preparing the hard drive media.

ID#: 2855

OS: Windows, Mac, Linux

Component: All Phoenix Apps

Summary: Support analytics event images.

Description: Support the new capability in the analytics engine for getting image data related to events.

ID#: 2857

OS: Windows, Mac, Linux

Component: Documentation

Summary: Remove "Search for" options from User Pref for SVM.

Description: With new searching methods, the user no longer needs to disable searching for certain components to speed up searching. Remove documentation for "Search for LRP", "Search for related files", and "Search for thumbnails" from the User Preferences dialogue in SVM.

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#: 2862

OS: Windows, Mac, Linux

Component: RTSP Relay Service (RtspRelaySvc)

Summary: Modify axis vapix supporting library to support events of future camera models.


Description: This modification improves the flexibility on event supporting with new vapix camera models.

ID#: 2863

OS: Windows, Mac, Linux

Component: Locator Service

Summary: Add startup and shutdown messages to log file.



ID#: 2864

OS: Windows, Mac, Linux

Component: Data Services Service

Summary: Free space usage for small files.

Description: When migrating a lot of small files (1 MB) to a disk volume with 1.25GB, the migration starts. The vault calculates the remaining free space when the new file is opened and decreases the free space to account for the DB partition that needs to be written. This can cause the free space to go to zero so the first data write fails with SC_EOF. MtmuDoMigrate never picks a different volume since it appears there should be enough space. It continually fails and never moves and files.

ID#: 2866

OS: Windows, Mac, Linux

Component: All Services

Summary: Rotate all log files from services.

Description: All log files need to be rotated. Currently, only error logs are rotated. Job output log files also need to be rotated.

ID#: 2867

OS: Windows, Mac, Linux

Component: All Services

Summary: Change default log file rotate interval check from 1 hour to 10 minutes.

ID#: 2869

OS: Windows, Mac, Linux

Component: Data Services Service

Summary: When a DSS job fails on a file, checksum errors continue.

Description: When a DSS job fails to transfer a file, sometimes all subsequent files will get a checksum failure.

ID#: 2870

OS: Windows, Mac, Linux

Component: Target & Process Service

Summary: TgtProcSvc having issues when it detects VapixHttp setup (non-Axis camera)

Description: When using VapixHttp, error message: Entry not found.

Enhancement

ID#: 2872

OS: Windows, Mac, Linux

Component: Camera Policies

Summary: Multi-Select Camera Policies and Camera Configurations to Edit Settings

Description: Add a new feature to Camera Policies allowing the user to select multiple policies and change a limited number of settings.

ID#: 2874

OS: Windows, Mac, Linux

Component: All Services

Summary: Create PID files for service monitoring.

Description: All of the services should create PID files upon startup to allow flexibility in service monitoring. This must occur after any fork() calls so that the correct PID is recorded in the file.

ID#: 2877

OS: Windows, Mac, Linux

Component: Vault Admin

Summary: Unable to prepare individual new media on hard disk vault.

Description: Unable to prepare individual new media on hard disk vault. Vault log shows:
?(Vault Service) VltMediaAtrGet: Cannot get media attributes - Requested media not found.
Released version of VaultAdmin works correctly.

ID#: 2877

OS: Windows, Mac, Linux

Component: Vault Admin

Summary: Unable to prepare individual new media on hard disk vault.

Description: Unable to prepare individual new media on hard disk vault. Vault log shows:
?(Vault Service) VltMediaAtrGet: Cannot get media attributes - Requested media not found.
Released version of VaultAdmin works correctly.

ID#: 2878

OS: Windows, Mac, Linux

Component: Data Services Service

Summary: When source and destination are same in a migrate policy, files are purged.

Description: When the user creates a migrate policy with source and destination criteria that match, no files can be move yet they are still purged. This leaves the user with not files that matched the policy. When this occurs, the policy should not run and print an error message.

ID#: 2879

OS: Windows, Mac, Linux

Component: Data Services Service

Summary: Don't lock-load source media if no files to process.

Description: When DSS is processing media, it will lock-load each source media before checking if it has candidate files. On a tape vault, this causes all tapes to be loaded into a drive even if it does not need to process any data. It should determine if there is any work to do on a source media before a lock-load request is sent.

ID#: 2881

OS: Windows, Mac

Component: Documentation

Summary: Docs are missing how to start/stop services.

Description: Need to add how to start/stop services for windows and mac into documentation.

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

Enhancement

ID#: 2266

OS: Windows, Mac, Linux

Component: SVM

Summary: Live555 2013.02.05 upgrade.

Description: Live555 in SS is based on release of 2011_12_02 version, with no ProxyServer supporting.

Enhancement

ID#: 2337

OS: Windows, Mac, Linux

Component: Live Viewer and SVM

Summary: Add support for Sony PTZ cameras.

Description: Add PTZ, focus, and day/night support for Sony cameras. Also added motion detection support.

Enhancement

ID#: 2341

OS: Windows, Mac, Linux

Component: Camera Policies, Live Viewer, and SVM

Summary: Add PTZ control support for Coretec Encoder.

Description: PTZ controls and recording support added for analog cameras that link to Coretec Encoder.

ID#: 2342

OS: Windows, Mac, Linux

Component: Documentation

Summary: Need Documentation for using Site.cfg.

Description: For multicast and manual select of vault. Any client machine can access remote sites without multicast.

ID#: 2353

OS: Windows, Mac, Linux

Component: Vault Service (VaultSvc)

Summary: Vault crashes when database has corrupt table.

Description: The database had an incomplete write to a table. The vault continues to run but is not responsive.

ID#: 2355

OS: Windows, Mac, Linux

Component: SVM

Summary: Low res export fails when export queue loaded from xdl file.

Description: Exporting low res video generates an error if the export queue was loaded from an xdl file.

ID#: 2356

OS: Windows, Mac, Linux

Component: SVM

Summary: Closing media viewer window causes another video clip to be retrieved.

Description: When closing the media viewer window, it will retrieve another video clip into the cache for viewing.

ID#: 2357

OS: Mac

Component: SVM

Summary: Launching the media viewer on a file with logging crashes SVM on Apple.

Description: When running SVM on apple, trying to launch media viewer from the search results pane, will crash SVM if the video contains logging information.

ID#: 2359

OS: Windows, Mac, Linux

Component: SVM

Summary: SVM crashing or Media Viewer fails to start when viewing video with logging.

Description: The Media Viewer fails to start of the SVM application crashes when trying to view a video with logging entries.

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.

Enhancement

ID#: 2375

OS: Windows, Mac, Linux

Component: SVM

Summary: Allow the user to enable/disable the resize handle.

Description: Added an option to the User Preferences dialog to allow the user to enable and disable to resize handle on the window.

Enhancement

ID#: 2376

OS: Windows, Mac, Linux

Component: SVM

Summary: Search Criteria and Export Queue should be stacking panels.

Description: Allow the Search Criteria and Export Queue panels to be stacking panels. This will allow the panels to be minimized and maximized for the best viewing.

Enhancement

ID#: 2377

OS: Windows, Mac, Linux

Component: SVM

Summary: Allow the user to choose the search results layout.

Description: Allow the search results to be viewed in the results panel as Details (current format with buttons and all information displayed) or List (no buttons, minimum preview image size, and only camera name, camera description, and camera URL).

ID#: 2378

OS: Windows, Mac, Linux

Component: All Phoenix Apps

Summary: Change "Problems with reading the modify metadata extensions." message.

Description: This message, "Problems reading the modify metadata extensions.", needs to be reworded to be more understandable.

ID#: 2381

OS: Windows, Mac, Linux

Component: SVM

Summary: Regroup the user preferences into Static Box Sizers.

ID#: 2385

OS: Windows, Mac, Linux

Component: Camera Policies

Summary: Camera ACLs problem.

Description: Camera control (PTZ, wiper, focus, etc) should be based on camera ACLs.

Enhancement

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#: 2387

OS: Windows, Mac, Linux

Component: Documentation



Summary: Add Clip Name to Glossary.

Description: Need to add a definition in the glossary for the term "Clip Name" that is used for Search Criteria.

Enhancement

ID#: 2395

OS: Windows, Mac, Linux

Component: SVM

Summary: Regrouped the user preference options.

Description: The User Preferences dialog options were rearranged and regrouped.

Enhancement

ID#: 2403

OS: Windows, Mac, Linux

Component: SVM

Summary: Remove sort button and add status line.

Description: Remove the sort button from the search results section. This option is now in the View menu. The status line has taken the place of the sort button in the search results section.

Enhancement

ID#: 2404

OS: Windows, Mac, Linux

Component: SVM

Summary: Add version to export queue xdl file.

Description: Add a version element to the xdl file that is created when the export queue entries are saved to a file.

ID#: 2406

OS: Mac

Component: All Phoenix GUIs

Summary: Help->About box scrolled to bottom and in corner of screen.

Enhancement

ID#: 2407

OS: Windows, Mac, Linux

Component: Target & Process Service (TgtProcSvc)

Summary: Use MileStone server to generate low res stream.

Description: MileStone server can generate different resolution streams by using different compression ratios. Use this to produce low res streams.

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 bar, the pop-up menu should enable/disable the wiper and day/night options depending on the user's access permissions.

ID#: 2413

OS: Windows, Mac, Linux

Component: SVM

Summary: When the window size changes too quickly, it crashes.

ID#: 2414

OS: Windows, Mac, Linux

Component: Vault Service (VaultSvc)

Summary: GroupID lost after hard disk media force reload.

Description: When reloading a hard disk media with force reload selected, the GroupID of all files are zero. This causes files to no

be grouped together.

Enhancement

ID#: 2415

OS: Windows, Mac, Linux

Component: SVM

Summary: Add IQ API support to Cohu 7xxx and IQ cameras.

Description: Add the API to support these cameras with built in zoom, focus, and event functions.

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#: 2430

OS: Windows, Mac, Linux

Component: SVM

Summary: Change filename of temporary recording video stream from "XXXX_tmp" to "XXXX_TMP".

Description: Library Milestone uses local variable for temporary stream suffix which is defined as "_tmp".

ID#: 2433

OS: Windows, Mac, Linux

Component: SVM

Summary: "Never overwrite" export option does not stop overwriting.

Description: Output files are overwritten even when "Never overwrite" option is selected in Export options.

ID#: 2435

OS: Windows, Mac, Linux

Component: Camera Policies

Summary: Camera status not set correctly.

Description: The camera status is not showing correctly if the camera does not have a recording computer set to it.

ID#: 2436

OS: Mac

Component: All Phoenix Apps

Summary: Check OS X 10.9 compatibility.

Description: Check OS X 10.9 compatibility.

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.

Enhancement

ID#: 2440

OS: Windows, Mac, Linux

Component: SVM

Summary: Change behavior of Choice Pulldown to be sizeable.

Description: Choice Pulldown should be sizeable.

ID#: 2441

OS: Windows, Mac, Linux



Component: SVM

Summary: Display of long metadata in dialog does not wrap.

Description: Long metadata fields are not displayed in the metadata dialog correctly.

ID#: 2449

OS: Windows, Mac, Linux

Component: SVM

Summary: Importing XDL files fail on certain special characters.

Description: Importing an XDL file to populate a SVM export queue can fail if the file contains certain chars such as an ampersand or a reverse closing quote.

Enhancement

ID#: 2452

OS: Windows, Mac, Linux

Component: All Phoenix Apps

Summary: Port code to FreeBSD 64 bit.

Description: Fort code to FreeBSD 64 bit to run as a server.

ID#: 2453

OS: Windows, Mac, Linux

Component: SVM

Summary: SVM Export Queue related memory leaks.

Description: The function that imports an xdl file to the export queue creates a parser context that needs to be free'd after the file is processed or it will cause a memory leak. Another memory leak occurs when SVM exits and the file attributes list associated with the export queue is not deallocated correctly.

Enhancement

ID#: 2456

OS: Windows, Mac, Linux

Component: Target & Process Service (TgtProcSvc)

Summary: Add ability for TAP to ingest from Milestone and OnSSI with a lag in time.

Description: Add ability for TAP to ingest from Milestone/OnSSI with a backwards skewed time that will allow TAP to lag behind the current time.

ID#: 2458

OS: Windows

Component: Locator Service (LocSvc)

Summary: LocSvc does not unregister entries when applications are closed.

Description: Each time you open and close the VaultAdmin, the number of "Rvt gepreg listener" and "Rct AdminFile listener" should increase by a factor of 2.

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#: 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#: 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#: 2474
OS: Windows, Mac, Linux
Component: SVM
Summary: SVM UI not able to be moved from upper-left hand corner.
Description: Initial position of SVM GUI is not correct.

ID#: 2482
OS: Windows, Mac, Linux
Component: SVM
Summary: When closing main SVM viewer, it does not close other viewers.
Description: If there are multiple windows open associated to SVM, they will not close when SVM is closed.

ID#: 2483
OS: Windows, Mac, Linux
Component: Video Components Gen
Summary: VideoComponentsGen does not generate metadata if low res or thumbnail fails.
Description: VideoComponentsGen does not try to generate a metadata file if the low res or thumbnail generation fails.

ID#: 2487
OS: Windows
Component: Vault Service (VaultSvc)
Summary: Change SCSI device usage to work with tape drivers.
Description: The VaultSvc can only use tape drives which are not claimed by a driver. The VaultSvc should detect and use tape drives whether they are claimed or not. The user should not have to uninstall the drivers for the tape drive in order to make it visible.

ID#: 2488
OS: Windows, Mac, Linux
Component: Documentation
Summary: Tape drive configuration no longer needs driver removal.
Description: When using tape drives on Windows Vista, 2008, 2012, 2007, and newer, the user does not need to uninstall the drivers for the tape drive in order to make them visible.

Enhancement

ID#: 2489
OS: Windows Mac, Linux
Component: Vault Service (VaultSvc)
Summary: Add Oracle T10K tape drive support.
Description: Add Oracle T10K drive support.

Enhancement

ID#: 2491
OS: Windows, Mac, Linux
Component: All Phoenix Apps



Summary: Implement SHA256 checksumming in assembly.

Description: SHA256 checksum code can be sped up by implementing in assembly code.

Enhancement

ID#: 2495

OS: Windows, Mac, Linux

Component: Documentation

Summary: New token/value pair for metadata config file.

Description: A metadata string field can now be displayed as multiple lines. A token/value pair of NumLines = xxx has been added. The value is the number of lines displayed for the query.

ID#: 2496

OS: Mac

Component: All Services

Summary: Services should shut down when the network drops (for Apple).

Description: On Apple, force VaultSvc and dataSvcsSvc to shut down when the network goes away. Launchd will handle the restart when the network is back.

ID#: 2497

OS: Windows, Mac, Linux

Component: Camera Policies

Summary: Non-Helios Cohu camera fails to start a live view test.

Description: Non-Helios Cohu cameras fault when doing a live view test.

Enhancement

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#: 2503

OS: Windows, Mac, Linux

Component: SVM

Summary: SVM Memory Leaks.

Description: Memory leaks originating SVM.

ID#: 2505

OS: Windows, Mac, Linux

Component: Data Services Service (DataSvcsSvc)

Summary: DSS may not correctly operate on movie files in filter.

Description: DSS is making determination of whether an object is a file or a container by only checking if object is a regular file. If it is an extended file type then it gets classified as a container.

ID#: 2507

OS: Mac

Component: Documentation

Summary: Update Mac service documentation to include launchd commands.

Description: Services on Apple are now controlled by launchd rather than the SystemStarter method. This needs to be changed in documentation.

Enhancement

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."

ID#: 2512

OS: Windows, Mac, Linux

Component: All Services

Summary: Fix on-wire forward packet address.

Description: Fix the sockaddr representation to/from the net representation for operating systems that support the length field.

Enhancement

ID#: 2514

OS: Windows, Mac, Linux

Component: All Phoenix GUIs

Summary: Add new modifier to Choice metadata to allow free text entry.

ID#: 2526

OS: Mac

Component: Network Activity

Summary: Network Activity is slow on Mavericks.

Description: On launch, the Network Activity tool will not show any vaults. Only after clicking elsewhere on the screen will they appear. Also, the icons won't move when you attempt to rearrange them.

ID#: 2529

OS: Windows, Mac, Linux

Component: SVM

Summary: When camera name is long, it cuts the pull down arrow in the middle

Description: You will notice that the camera pull down arrow is cut in the middle.

ID#: 2536

OS: Windows, Mac, Linux

Component: All Services

Summary: Move shutdown signal handler out of main thread.

Description: Move the shutdown signal handler out of the main thread for all services.

ID#: 2537

OS: Windows, Mac, Linux

Component: SVM

Summary: VLC/QuickTime playback issue on recorded video stream from certain COHU/IQSys cameras.

Description: When playback video stream that was recorded from COHU 7510/7521 or certain IQVision camera, VLC freezes, Quicktime drops frames on every certain periods.

ID#: 2540

OS: Windows, Mac, Linux

Component: SVM

Summary: Enable Phoenix software to work with FreeBSD firewalls.

Description: Since the FreeBSD firewall cannot be configured to restrict traffic by application, implement a mechanism to allow Phoenix traffic to be filtered based on configurable criteria.


ID#: 2543

OS: Windows, Mac, Linux

Component: SVM

Summary: VideoComponentGen hangs on invalid QuickTime Reference files.

Description: VideoComponentGen hangs when creating a low res video from a QuickTime Reference file which references files which have been moved. It should just return an error.



ID#: 2544

OS: Windows, Mac, Linux

Component: SVM

Summary: Related file selection on Export Queue entries is missing.

Description: The file selection check box for the Related Files on an entry in the Export Queue is missing.

Enhancement

ID#: 2547

OS: Windows, Mac, Linux

Component: Camera Policies

Summary: Allow the user to input the video capture lrp url and thumbnail url.

Description: All the user to input the video capture low res url and the thumbnail url for multi-streaming cameras.

ID#: 2548

OS: Windows, Mac, Linux

Component: SVM

Summary: Axis Q7404 Encoder Focus/Tilt issue.

Description: SurvCamAxis uses VAPIX 3.0 specification. It sends out single step of Focus command to camera for controlling the focus.

ID#: 2549

OS: Windows, Mac, Linux

Component: All Services

Summary: Change scheduler to stop all jobs in parallel instead of serially.

Description: The SchedulerC class used to schedule jobs for TgtProcSvc and DataSvcSvc is slow to stop.

Enhancement

ID#: 2550

OS: Windows, Mac, Linux

Component: Locator Service (LocSvc)

Summary: Change LocSvc to time out waiting for the network on startup.

Description: LocSvc will now wait 15 seconds for the network and initialization before timing out.

ID#: 2551

OS: Windows, Mac, Linux

Component: Camera Policies

Summary: New documentation for multistream cameras.

Description: New description to explain multistream capabilities.

ID#: 2553

OS: Windows, Mac, Linux

Component: SVM

Summary: MsCaptureCl running on FreeBSD doesn't get correct server time.

Description: The server time was wrong calculated on FreeBSD system.

ID#: 2554

OS: Windows, Mac, Linux

Component: All Phoenix Apps

Summary: Live555 video transport does not support multiple NICs.

Description: When the Live555 communications code formulates an IP address to which video will be sent, it does not account for cases in which there are multiple NICs.

ID#: 2555



OS: Windows, Mac, Linux

Component: Camera Policies

Summary: Add New Camera crashes Camera Policies

Description: When a manufacturer and model are chosen and then switch back to a generic model, the application crashes.

Enhancement

ID#: 2557

OS: Windows, Mac, Linux

Component: Vault Service (VaultSvc)

Summary: Change default LTO tape size to 2.5TB in VaultSvc.

Description: Default LTO tape size is now 2.5TB in VaultSvc.

ID#: 2563

OS: Windows, Mac, Linux

Component: Target & Process Svc (TgtProcSvc)

Summary: _TMP files left when error occurs when recording from Milestone

Description: TgtProcSvc leaves behind _TMP, .mov, and .jpg files when errors occur during Milestone recording. These should be cleaned up at error time.

ID#: 2571

OS: Windows, Mac, Linux

Component: SVM

Summary: Add advanced video player options to User Preferences.

Description: When VLC is selected as the player, the “Enable hardware overlay.” and “Enable multiple threads for decode.” options should be present.

ID#: 2574

OS: Windows, Mac, Linux

Component: SVM

Summary: New documentation for 2 new options on User Preference dialog

Description: Added two new options to the VCM/SVM user preferences dialog. They are located in the Viewer section.

ID#: 2578

OS: Windows, Mac, Linux

Component: Target & Process Svc (TgtProcSvc)

Summary: _TMP files left when error occurs when recording from Milestone.

Description: TgtProcSvc leaves behind _TMP, .mov, and .jpg files when errors occur during Milestone recording.

ID#: 2579

OS: Windows, Mac, Linux

Component: Target & Process Svc (TgtProcSvc)

Summary: Milestone camera connect fails with garbage server address.

Description: TgtProcSvc fails when Milestone returns a server address for a camera which cannot be resolved to an IP dot notation address.

ID#: 2580

OS: Windows, Mac, Linux

Component: All Phoenix Apps

Summary: HttGet release memory twice

Description: When network error happens, the memory used for HTTP connection got deleted twice on certain case.

ID#: 2581

OS: Windows, Mac, Linux



Component: SVM

Summary: Milestone reports duplicated error messages

Description: When user requested a restart, multiple sc code generated for same status code due to program try to fail recover on a wait-try loop.

ID#: 2582

OS: Windows, Mac, Linux

Component: SVM

Summary: Milestone thumbnail jpeg image were not deleted on a fail exit.

Description: The thumbnail image was not deleted if the recording was aborted.

Enhancement

ID#: 2583

OS: Windows, Mac, Linux

Component: Documentation

Summary: Add functionality to name exported clips.

Description: New feature added to name the clip while in the export queue.

ID#: 2585

OS: Windows, Mac, Linux

Component: All Phoenix Apps

Summary: Change messaging behavior.

Description: Add option to messaging system to change behavior of messages.

ID#: 2586

OS: Windows, Mac, Linux

Component: Target & Process Service (TgtProcSvc)

Summary: Remove error message when motion information is not available from Milestone.

Description: Remove error message when motion information is not available from Milestone.

ID#: 2587

OS: Windows

Component: Vault Admin Command Line (VaultAdminCl)

Summary: Vault Admin CL crashes if user has no vault rights to view it.

Description: VaultAdminCl will crash if a user does not have rights to view the vault.

ID#: 2589

OS: Windows, Mac, Linux

Component: SVM

Summary: SequenceID is not used any more in Milestone library.

Description: The SequenceID or SequenceNumber(by manual) in a frame was used to identify the motion sessions on image sequence.

ID#: 2590

OS: Windows, Mac, Linux

Component: SVM

Summary: SequenceID is not used any more in Milestone library.

Description: The SequenceID or SequenceNumber(by manual) in a frame was used to identify the motion sessions on image sequence.


Enhancement

ID#: 2592

OS: Windows, Mac, Linux

Component: Target & Process Svc (TgtProcSvc)

Summary: Add user choice to determine who generates the LRP and Thumbnail.



Description: Add option to allow user to choose whether Milestone or Phoenix generates the LRP and Thumbnail.

ID#: 2593

OS: Windows, Mac, Linux

Component: Target & Process Svc (TgtProcSvc)

Summary: Add user choice to determine who generates the LRP and Thumbnail.

Description: Add option to allow user to choose whether Milestone or Phoenix generates the LRP and Thumbnail.

ID#: 2594

OS: Windows, Mac, Linux

Component: All Phoenix GUIs

Summary: Choice pulldown popup menu is placed wrong on multiple monitors.

Description: When the user has multiple monitors and the left-most monitor is not the default or primary, the popup used in the ChoiceC widget may pop up on another screen. When the leftmost screen is not the primary, it will have negative coordinates. The popup will never pop up in negative coordinates since we thought it would be off screen.

Enhancement

ID#: 2595

OS: Windows, Mac, Linux

Component: Target & Process Svc (TgtProcSvc)

Summary: Add multi-stream functionality to RTSP video recording.

Description: Add functionality that will capture both the high and low res video streams and also the thumbnail images.

ID#: 2599

OS: Windows, Mac, Linux

Component: Vault Service (VaultSvc)

Summary: Vault reporting "Connection already open" often.

Description: Vault is reporting error of "Connection already open" from VltVaultOpenInt often.

ID#: 2600

OS: Windows, Mac, Linux

Component: Target & Process Svc (TgtProcSvc)

Summary: New features for milestone: Lrp frame rate, motion record on/off and thresholds

Description: Adding new features for video capturing on milestone server:

1. LRP stream frame rate can be changed to lower value than high resolution stream, to reduce the server CPU usages.
2. Motion record can be turned on/off.
3. Motion margin value can be specified

ID#: 2603

OS: Windows, Mac, Linux

Component: Target & Process Svc (TgtProcSvc)

Summary: Milestone login always returns SC_OK, even login was fail.

Description: MilestoneC::ServerLogin() doesn't return error code when log-in was failed.

ID#: 2605

OS: Windows, Mac, Linux

Component: Target & Process Svc (TgtProcSvc)

Summary: Add server IP and Port to error message returned from OpenConnection

Description: Milestone OpenConnection() function's error message contains server IP address and port number now.

ID#: 2606

OS: Windows, Mac, Linux



Component: Target & Process Svc (TgtProcSvc)

Summary: Milestone: Clean and fix error message for DiagEnv class

Description: Also fixed the bug that DiagFuncEnt() function outputs timestamp in wrong format.

ID#: 2607

OS: Windows, Mac, Linux

Component: Target & Process Svc (TgtProcSvc)

Summary: Milestone: Remove sequence ID requests from XML image request command string

Description: Sequence ID for each frame is an option field and they are not used in Milestone library anymore.

ID#: 2608

OS: Windows, Mac, Linux

Component: Target & Process Svc (TgtProcSvc)

Summary: Milestone: Enhanced error message outputs on camera connection and disconnection.

Description: Reconnection will show it's messages if connection is failed. Reconnection will check the return status of closing connection. Close connection will show error messages if it is failed. Close connection will return status code now.

ID#: 2609

OS: Windows, Mac, Linux

Component: Target & Process Svc (TgtProcSvc)

Summary: Milestone: Added support for Fall behind

Description: Finished the fall behind handling code.

Enhancement

ID#: 2610

OS: Windows, Mac, Linux

Component: All Phoenix Apps

Summary: Provide tuning of maximum processes/threads for VCG sessions.

Description: Allow the user to specify the maximum number of Video Components Gen backend processes (e.g., FFmpeg) that can run simultaneously, as well as the maximum number of threads per process, via KeyReg values.

ID#: 2611

OS: Windows, Mac, Linux

Component: Camera Policies

Summary: New documentation for thumbnail and management protocols.

Description: Choice boxes were added on the camera edit dialog for the url protocols.

ID#: 2613

OS: Windows, Mac, Linux

Component: Camera Policies

Summary: Documentation for 2 new options for milestone/onssi.

Description: An option was added to allow the user to choose whether VMS (Milestone or OnSSI) will generate the LRP. An option was added to allow the user to enable record on motion detection.

ID#: 2614

OS: Windows, Mac, Linux

Component: Target & Process Svc (TgtProcSvc)

Summary: Milestone SleepWakeable function sleep time calculation wrong on milsec.

Description: This function was taking sleep time in seconds unit. It is extended to sleep more precisely to mil-seconds.


Enhancement

ID#: 2617

OS: Windows, Mac, Linux

Component: Data Service Policies

Summary: Add "Erase media ..." option to Data Services



Description: Add an option “Erase media when all files are marked for deletion” to the advanced page.

ID#: 2623

OS: Windows, Mac, Linux

Component: Camera Policies

Summary: Checksum file generation fails during export if target uses full pathname.

Description: Thumbnail and Management URL should have http and https choices.

ID#: 2626

OS: Windows, Mac, Linux

Component: Network Activity

Summary: MiniStat freezes with high drive IO rate.

Description: The MiniStat display freezes when first starting up if the IO% value from the vault is greater than 3000. This caused memory problem. The position value used in the Bar and Graph is now limited to 100.

ID#: 2627

OS: Windows, Mac, Linux

Component: Camera Policies

Summary: Move Irp frame rate options to Processing Tab.

Description: The VMS option “LRP Frame rate” was removed from the Add New Camera dialog. The option was moved to the Processing tab and renamed “Low resolution proxy frame rate”. This option is available for all cameras when “Generate low resolution proxy” is selected. The default is Full rate. The “Low resolution proxy frame rate” option was also added to the user preferences dialog under the Tools menu item.

ID#: 2628

OS: Windows, Mac, Linux

Component: Vault Service (VaultSvc)

Summary: Unable to move tape from drive when already ejected.

Description: Move operation will now continue when unloading the tape returns an error.

ID#: 2632

OS: Windows, Mac, Linux

Component: SVM

Summary: Corrupt filename displayed in dialog from ‘Show Related Files’

Description: Under certain conditions, when choosing ‘Show Related Files’ from the dropdown menu in the VCM search results pane, the dialog displaying the related files can have corrupted file names.

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.

Enhancement

ID#: 2636

OS: Windows, Mac, Linux

Component: Documentation


Summary: Update “Hardware Requirements”.

Description: The Hardware Requirements was updated to include Windows Server 2012 R2 (32bit-64bit) OS.

ID#: 2640

OS: Windows, Mac, Linux

Component: Camera Policies



Summary: Milestone camera VideoType, LRP and Motion record option change

Description: Milestone library has new features that support recording on movie stream(H264 or MPEG4). The camera setting options for Video Type, VMS generating LRP and motion recording only for server streams on JPG mode. They shall be disabled when server feeds MPEG4 or H264 stream. Milestone server can send one of three different stream format (based on the server setting): JPG, MPEG4 or H264.

ID#: 2644

OS: Windows, Mac, Linux

Component: Target & Process Svc (TgtProcSvc)

Summary: TgtProcSvc crashes with large number of cameras and errors.

Description: TgtProcSvc crashes when a large number of cameras are configured and a number of these cameras cannot be recorded.

ID#: 2645

OS: Windows, Mac, Linux

Component: All Phoenix Apps

Summary: Do not unload plugin libraries once they are loaded.

Description: Once a "plugin" library is loaded, do not unload it. It will most likely be used anyways so leave it loaded. This will also prevent kernel library unload issues on certain OS'es.

ID#: 2647

OS: Windows, Mac, Linux

Component: Target & Process Svc (TgtProcSvc)

Summary: Extend encoder library to support directly adding encoded frames to final movie file.

Description: Added function that output encoded H264 or MPEG4-part 2 frames directly to movie file, without trans-coding.

ID#: 2648

OS: Windows, Mac, Linux

Component: Target & Process Svc (TgtProcSvc)

Summary: Extend Library Milestone to support MPEG4 / H264 stream video recording.

Description: New version of the library extends the functionality to support recording on MPEG4 or H264 streams, so the server can send out stream with whatever the format is, no trans-coding required.

ID#: 2649

OS: Windows, Mac, Linux

Component: Vault Service (VaultSvc)

Summary: Remove Trouble Flag when loading hard disk media.

Description: When loading hard disk media, remove any trouble flag. This will help with bringing media back online after a hardware or communications failure.

ID#: 2650

OS: Windows, Mac, Linux

Component: Camera Policies

Summary: Change the wording for option "Use VMS to create LRP".

Description: Change the wording for the option "Use VMS to create LRP". It is found on the Add/Modify Camera dialog for Milestone and OnSSI camera.


ID#: 2651

OS: Windows, Mac, Linux

Component: Camera Policies

Summary: Remove Video Type from Add New Camera dialog

Description: On the Add/Modify Camera dialog, remove the Video Type option. This option is for Milestone and OnSSI cameras also.



ID#: 2653

OS: Windows, Mac, Linux

Component: All Phoenix Apps

Summary: Not all RPC status codes are translating correctly in error messages.

Description: Not all RPC status codes are translating correctly in error messages. Only some status codes work.

ID#: 2659

OS: Windows, Mac, Linux

Component: All Phoenix Apps

Summary: Modify the presentation of informational messages.

Description: Currently, strictly informational messages are displayed using "INFO" followed by the pertinent information. These should be consistent with other messages, including the presence of the process name and a time stamp.

ID#: 2662

OS: Windows, Mac, Linux

Component: All Phoenix Apps

Summary: Change "Need to restart software" status code to "Need to restart".

Description: The status code translation for SC_NEED_RESTART currently is "Need to restart software". We should change it to "Need to restart" to make it easier to understand based on how it is used.

ID#: 2663

OS: Windows, Mac, Linux

Component: Target & Process Svc (TgtProcSvc)

Summary: TAP Svc is crashing on FreeBSD after 1 to 4 days.

Description: TAP Svc is crashing on FreeBSD after it has run for 1 to 4 days. Core analysis shows that it is crashing in the Live555 SingleStep function again.

ID#: 2665

OS: Windows, Mac, Linux

Component: Camera Policies

Summary: Changing the policy selection is slow with a high camera count.

Description: Changing the selected policy in the list (moving from recording policy to another policy) takes 6 seconds with 250 cameras.

ID#: 2667

OS: Windows, Mac, Linux

Component: Target & Process Svc (TgtProcSvc)

Summary: Change transcode stats to <active jobs><space><pool size>

Description: Change transcode stats to the following format: <integer active jobs><single space><integer pool size>

ID#: 2668

OS: Mac

Component: All Phoenix Apps

Summary: Increase the maximum allowed open files on Darwin.

Description: Camera Policies was exceeding the maximum number of open files allowed by the system. Increase this value for Darwin installations.

ID#: 2673

OS: Windows, Mac, Linux

Component: Documentation

Summary: Fix grammatical error in Technical Overview

Description: Components->Server->Data Service Policies. Take out extra IN.

ID#: 2676

OS: FreeBSD

Component: Video Component Gen

Summary: Low res creation failing on H264 video on FreeBSD.

Description: Low res creation fails on H264 video when running on Verde in FreeBSD. Other video types are OK.

ID#: 2677

OS: Windows, Mac, Linux

Component: Spectra Verde

Summary: Services not communicating when using 10G NIC.

Description: When the Verde is configured to use the 10G NIC, the Phoenix services are not communicating properly locally with the LocSvc.

ID#: 2681

OS: Windows, Mac, Linux

Component: Target & Process Service (TgtProcSvc)

Summary: TAP fails to detect stream type with Milestone JPEG camera.

Description: TAP fails to detect the stream type when Milestone is configured with a JPEG camera.

ID#: 2682

OS: Windows

Component: Documentation

Summary: Note needed to remind users to check the Services Config panel on windows

Description: We need to add a note that would remind the user to check to see if their custom user account was changed when they installed the software update.

Enhancement

ID#: 2685

OS: Windows, Mac, Linux

Component: Vault Service (VaultSvc)

Summary: Add ability to disable checksum calculation for vault to vault transfers.

Description: Add ability to disable checksum calculation for vault to vault file transfers. This will allow for greater data transfer speeds when moving objects through DSS.

ID#: 2686

OS: Windows, Mac, Linux

Component: Spectra Verde

Summary: Disable file checksum calculation for Vault to Vault transfers.

Description: Disable file SHA256 checksum calculation for Vault to Vault file transfers to speed up transfer rates.

ID#: 2688

OS: Windows, Mac, Linux

Component: Target & Process Policies

Summary: Milestone GetJPEGHeader fail on JPEG stream error.

Description: Since the Milestone library extended to support MPEG4 part 2 or part 10 streams, we do not get same format of JPEG frame as before (which was simple pure JPEG frame stream). Milestone server added some header messages in front of each JPEG frame.

New in Version 6.1.9

ID#: 2228

OS: Windows, Mac, Linux

Component: Video Component Gen

Summary: Video not joining correctly.

Description: Exported video was incorrect length. Join operation was clipping the video.

ID#: 2229

OS: Mac

Component: Vault Service (VaultSvc)

Summary: VaultSvc starts up but is not responsive with large database.

Description: VaultSvc is starting up but is not responsive to RPC requests. It does beacon and shuts down correctly with kill -2.

Enhancement

ID#: 2233

OS: Windows, Mac, Linux

Component: SVM

Summary: Add global metadata search.

Description: Add functionality so that a user can search a single value across all metadata fields. New metadata search item named "Any Metadata Field".

Enhancement

ID#: 2237

OS: Windows, Mac, Linux

Component: SVM

Summary: Add scroll bar to choice pull down menus.

Description: Add scroll bar to choice pull down menus to make navigation easier than current system-supplied up/down arrows.

Enhancement

ID#: 2238

OS: Windows, Mac, Linux

Component: Add Remove Vault Wizard

Summary: Add auto media creation to vault wizard.

Description: Add auto media creation options to Device page for Hard Disk Vault configuration.

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); Apple Client (10.7; Intel Quad Core 2.83GHz or 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#: 2251

OS: Windows, Mac, Linux

Component: SVM

Summary: Combined metadata file is not loadable with standard metadata readers.

Description: When exporting a metadata file on SVM export and "single file" is chosen, the resultant file is not in a standard format. It has multiple top level items.


ID#: 2253

OS: Mac

Component: All Pheonix GUIs

Summary: PathBrowse widgets don't allow selecting a new file.

Description: When a PathBrowse widget is used in a GUI that needs to select the destination of a file to be created, the user is unable to enter any file name. The GUI only allow selecting and existing file. This can be seen in VaultAdmin->File->ExportTo.



ID#: 2262

OS: Windows, Mac, Linux

Component: Camera Policies

Summary: Camera Wizard does not correctly add Access Permissions.

Description: While cycling through the Camera Wizard to add multiple cameras, permissions keep accumulating.

ID#: 2263

OS: Windows, Mac, Linux

Component: Camera Policies

Summary: Find camera button is off the screen.

Description: When adding or editing a camera in camera configurations, the Find Camera button may run off the side of the dialog after selecting a model.

ID#: 2272

OS: Windows, Mac, Linux

Component: Camera Policies

Summary: Camera shown as "Active" when should be shown as "<not complete>".

Description: Camera was active but had no recording computer selected so was marked as <not complete>. Toggling the Active setting and saving then shows the camera as Active. The camera should still show as incomplete in this scenario.

ID#: 2285

OS: Windows, Mac, Linux

Component: SVM

Summary: Incorrect file separator check

Description: In the xml processing code that imports an export queue description file, flawed logic was used to find the leaf name part of a path.

ID#: 2291

OS: Windows, Mac, Linux

Component: SVM

Summary: Checkbox value in metadata configuration not displayed correctly.

Description: The value for the checkbox type in the metadata configuration file is not displayed correctly. It is always set to false.

ID#: 2292

OS: Windows, Mac, Linux

Component: Camera Policies

Summary: The management URL is not correct when adding a camera.

Description: When the Advanced mode is not enabled and the user adds a new camera, the management URL is not correct. The path portion of the URL is displayed in the address portion.

ID#: 2294

OS: Windows, Mac, Linux

Component: Target & Process Service (TgtProcSvc)

Summary: Time calculation doesn't sync the DST time on ExacpVision Project

Description: The time conversion between string format "yyyy/mm/dd" and struct tm doesn't sync to Daylight Saving Time. This will cause the searching fails on every beginning and end of hour if the machine is on DST mode.


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#: 2309

OS: Windows, Mac, Linux

Component: Vault Service (VaultSvc)

Summary: Option to automatically reload media when available.

Description: Add new option to VaultSvc to allow automatic media loading when the media is available or appears: either at boot or during runtime.

Enhancement

ID#: 2311

OS: Windows, Mac, Linux

Component: SVM

Summary: Metadata viewer is truncating the line if longer than the window width.

Description: The fields are no longer truncated when they exceed the width of the window. There is now a scroll bar that allows the user to see the entire entry.

ID#: 2312

OS: Windows, Mac, Linux

Component: SVM

Summary: Remove periods from dropdown choices.

Description: Remove periods from the end of each choice in the dropdown menus on the export page of SVM.

ID#: 2314

OS: Windows, Mac, Linux

Component: Video Component Gen

Summary: Making LRP from MJPEG defaults to 1000fps.

Description: When creating a LRP from a MJPEG, the frame rate of resultant LRP is fixed at 1000.0 fps. This results in a large LRP and takes long to create and is wrong. Frame rate of LRP should be the same as the input MJPEG.

Enhancement

ID#: 2315

OS: Windows, Mac, Linux

Component: SVM

Summary: Drag and drop the cameras between ports.

Description: Allow a user to drag and drop a camera between ports by using the title bar to drag.

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#: 2323

OS: Windows, Mac, Linux

Component: Documentation

Summary: Remove vssver.scc from Help (installs and builds)

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.

ID#: 2334

OS: Windows, Mac, Linux

Component: Vault Service (VaultSvc)

Summary: Unable to format LTO-4 media.

Description: Preparing media on LTO-4 drives fails with unsupported command code.

ID#: 2336

OS: Windows, Mac, Linux

Component: Vault Service (VaultSvc)

Summary: Tapes written with V5.4.3 and earlier version may not be readable with current version.

Description: Tapes written with older version VaultSvc (Vs 5.5.4 and earlier) may not be readable with out current version vaults. Customer will receive a checksum error.

