

Senstar Symphony Common Operating Platform

Release Notes

Version 8.12

Release 8.12.0 (July 2026)

New Features

Summary	Description
Protected footage	Security guards and administrators can mark footage from a camera or camera group as protected for a defined time range so it is not deleted by the retention engine, with permission-based protect/unprotect, audit logging, and a management view of protected footage.
OnGuard integration	Senstar Symphony now offers a complete, event-driven OnGuard 8.3/8.4 integration
SNMP v3 support	Added SNMP v3 support with authentication and encryption options for enhanced cybersecurity, alongside existing SNMP v1/v2 support.
Video Display Engine toggle in Startup	Added a toggle in Startup allowing users to switch to the new GPU-powered Display Engine, with a notice that audio output is not yet supported.
External metadata injection	The API offers a simple way to inject metadata such as parcel packages or any data into any camera for Advanced Search.
Protected footage storage warning	Administrators can configure warning and alarm thresholds that trigger a login banner when protected video exceeds a set percentage of disk space.
Camera connect/disconnect audit report	Added a report showing user and camera connect/disconnect sessions with aggregated totals by hour, day, week, or month, and CSV export.
Flashing panel borders on Advanced Alarm Console	The video panel border flashes when an unacknowledged alarm occurs on the Advanced Alarm Console, in both single-panel and quad view.
MP4 export	Operators can export recorded video to the local disk in MP4 format.
New alarm for camera/server fail-over and fallback	New alarm to connect to various Actions in Rule Engine.
Plain text mode for TCP Action	The TCP Action can send plain text messages with escape character support, instead of the default XML-wrapped format.
Editable permissions for SEM-connected farms	Permissions not managed by Senstar Enterprise Manager (SEM) can now be changed through Server Configuration when a farm is connected to SEM.
Door status indicators on maps	Maps show a permanent open/closed indicator for integrated doors instead of a temporary flash.
Disable failover option	Administrators can temporarily disable failover across all groups from server configuration for a set duration, then re-enable it.

Improvements

Summary	Description
Protected footage metadata retention	Metadata cleanup now correctly accounts for protected footage, preventing metadata from being retained longer than necessary.
Protected footage banner server identification	The protected footage storage warning banner now identifies which server it applies to in multi-server environments.
Synchronized playback speed limits	Added an acc.ini option to set minimum and maximum playback speed while synchronized playback is enabled.

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New video display engine handling of edge storage gaps	The display engine now skips gaps in footage from edge storage cameras instead of displaying a connection error for the full length of the gap.
Higher resolution stream on maximize/full screen	Panels now switch to the higher-resolution stream when a panel is maximized or switched to full screen.
Consistent metadata injection decoration order	Injected metadata decorations are now displayed in a consistent order.
API access for actions	Added a REST API, secured by an API key, to trigger existing action sets and individual actions from external systems.
Retention report improvements	The Resource Recording Log report now shows who generated it, the full camera IP/DNS name, and clearer integrity calculations.
Timelines refresh after failover	Timelines now refresh after a server fails over or back so operators see up-to-date signal data.
Accurate camera server time on timelines	Timelines now use the time of the server associated with each camera instead of the currently selected farm's time.
Timeline color loads correctly	Timelines no longer briefly display an incorrect placeholder color before loading actual activity data.
Reliable settings updates	Fixed a rare timing issue that could cause the settings poller to miss an update.
HeatMap scheduled report reliability	HeatMap scheduled reports no longer fail when a sensitivity element is missing attributes.
Gallagher integration hostname support	The Gallagher integration's Server field now accepts hostnames and FQDNs in addition to IP addresses.
OnGuard reauthenticate option	Certain OnGuard connection errors now surface a non-error state with a manual Reauthenticate option in the Authentication Status node.
Faster AMAG integration startup	The AMAG integration now uses a single connection during initialization, reducing startup time for farms with many devices.
LDAPS support	Added support for secure LDAP (LDAPS) authentication for environments that require encrypted directory connections.
CSV camera import validation	CSV camera import now validates that all required fields are present before adding devices.
Configurable service shutdown timeout	The timeout before a service is forcibly terminated during shutdown is now configurable, with a higher 10-second default.
Reduced database load from web service requests	Reduced SQL server contention caused by frequent Thin Client camera requests and session renewal updates on large farms.
License Plate Log midnight rollover	The License Plate Log now continues updating without interaction and correctly displays the last 24 hours across midnight.
Fiber Cut Alarm details on maps	Senstar Symphony Client Map now displays "fiber cut" alarm details, including the zone polyline and meter location, similar to zone intrusion alarms.
New DIO activated/deactivated map icons	Administrators can select new green (activated) and red (deactivated) icons when configuring DIO devices on a map.
Improved error message security	Error messages in the Configuration Manager and web application no longer expose stack traces or other sensitive configuration details.
Encrypted report URLs	Report URLs generated by Configuration Manager are now served over HTTPS instead of unencrypted HTTP.

Summary	Description
Faster rule editing in web configuration	Improved performance when adding or editing rules in the web configuration interface, especially on farms with many rules.
Accurate online backup restore messages	Restoring an online backup now displays the actual message returned by Xnet instead of a generic error.
Larger client title bar icons	Increased the size of icons in the Senstar Symphony Client title bar to match the rest of the standard delivery.
Optimized Overhead People Counting (OPC) report performance	Improved OPC report processing speed through pre-calculated path and line-crossing data.
Improved AI object counting accuracy	Refined the AI Object Detection and Tracking overhead algorithm to improve the accuracy of vehicle counting reports and counting lines.

Fixes

Summary	Description
Synchronized playback stability	Fixed multiple issues that could cause synchronized playback panels to drift out of sync, freeze on pause, or briefly show a black panel during normal playback, gap skipping, and restarts.
Playback speed and scrubbing	Fixed issues where the playback speed slider could reset unexpectedly, scrubbing and reverse playback of high-resolution or H.265 video did not work smoothly, and a panel could switch back to the old Display Engine after being blanked and the client restarted.
Edge storage download and timeline gap handling	Fixed several issues with edge storage video downloads and timeline gap display, including incorrect download start times, inconsistent gap reporting between the player and Signals, mis-colored timeline sections, and the inability to play video directly from an edge camera.
New Video Display Engine (VDE) decoration and overlay fixes	Fixed multiple issues with the new VDE's decorations and controls, including missing or misapplied watermark, timestamp, and metadata decorations, decorations overlapping in multi-view layouts, and VDE control icons and transparency not displaying correctly.
Video Display Engine and client stability	Fixed numerous crashes, freezes, hangs, and memory or CPU usage issues affecting the VDE, Historical Video, and the Senstar Symphony Client during normal use, panel switching, and extended operation.
Timeline display and loading reliability	Fixed several issues where panel or consolidated timelines failed to load, displayed incorrectly, or fell out of sync with event data, including a Daylight Saving Time issue on Sundays.
Alarm display and permission fixes	Fixed several issues with alarm handling, including alarm markers and log entries not respecting rule or map permissions, unreliable alarm navigation, and pre-event buffer signals not drawing in real time for IO-triggered alarms.
Device model propagation fixes	Fixed device model propagation (ChangeMethod) issues, including newly added cameras not appearing until a service restart and polling-based propagation not functioning in rare situations.
Camera status and ONVIF discovery fixes	Fixed incorrect offline camera status in the device tree and timeline, and ONVIF discovery issues that mislabeled or failed to detect certain camera models.

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Map fixes	Fixed multiple issues with maps, including highlighted lines not clearing, incorrect default styles when dragging output nodes, indistinguishable rule button elements, missing text outlines, and maps not responding correctly to clicks or drags.
Tracking links fixes	Fixed tracking links (maps and browsers) that could not be added to a camera panel or would stop updating the device tree selection.
OnGuard integration reliability	Fixed several reliability issues with the OnGuard integration, including nodes not detecting as offline, aux inputs failing to receive status changes, and keep-alive heartbeat failures not recovering.
AMAG integration recovery	Fixed the AMAG integration not recovering after its communication channel faulted.
Reporting fixes	Fixed several reporting issues, including scheduled reports created by a deleted user failing to send, inconsistent layout between exported PDF and emailed reports, extra invalid rows in the Recording Detailed Log, and retention report columns that could not be hidden.
Server reliability fixes	Fixed a SQL deadlock that could prevent a Senstar Symphony Server from failing back, and fixed Mobile Bridge multicast messages not working with a non-default internal base port.
Device tree and client settings fixes	Fixed several issues where the device tree did not update or load correctly, including after permission changes, denied folder access, and server removal, without requiring a client restart.
RpcBridge.dll error launching Aira player files	Fixed an error stating "RpcBridge.dll was not found" when launching a downloaded .aira file after installing the Player.
Current VDE copy/paste camera	Fixed the Copy/Paste Camera option not working for cameras in the current VDE.
MP4 export internal server error	Fixed an internal server error that caused MP4 export to fail.
Digital zoom permission bypass	Fixed an issue where a user without the "Control zoom via clients" permission could still use the digital zoom box.
Metadata injection concurrency	Fixed an issue preventing multiple metadata injections from being performed at the exact same time.
PTZ preset permission	Fixed an issue preventing users with only the PTZ preset permission from using presets when PTZ control was denied.
Mobile Bridge camera ID	Fixed Mobile Bridge alarms retrieved from history returning a null camera ID.
License plate reading through I/O input	Fixed digital inputs configured under Integrations not triggering license plate reads.
HTTP Request action headers	Fixed an issue preventing headers from being added to the HTTP Request action.
Client/server version compatibility	Fixed incorrect camera status and timeline updates when connecting an older Windows Client to a newer Server.
Ctrl+audio playback	Fixed audio file playback not working while holding the Ctrl key.
Locale-dependent playback speed	Fixed a locale-dependent parsing issue that could set video playback speed to 0 on non-English Windows locales.
Untranslated Search Faces radio buttons	Fixed untranslated radio button text in the Search Faces window.
Axis keyboard and jogdial support	Fixed support for the Axis T8312 Keyboard and T8313 Jogdial (and the newer TU9002/TU9003).
Panel title date label	Fixed the panel title showing "Yesterday" when the day before yesterday was selected.