# HealthPro Bridge Release Notes

Version 1.11.4

RELEASE DATE: `Nov 20, 2026`

SUMMARY

Bug-fix release

NEW FUNCTIONALITY

- Not applicable

RESOLVED ISSUES

- Fixed an issue where adding or scanning a WAVE server in a clustered environment retrieved all devices across the entire cluster instead of only the sub-devices belonging to the target server
- Fixed a memory leak issue where sockets were not properly closed during direct API command processing and SNMP communication with managed network switches

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Version 1.11.3

RELEASE DATE: `Nov 2, 2026`

SUMMARY

Bug-fix release

NEW FUNCTIONALITY

- Not applicable

RESOLVED ISSUES

- Re-released HealthPro Bridge Linux v1.11.3 after an incorrect package was deployed due to a CI/CD pipeline issue

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Version 1.11.3

RELEASE DATE: `Oct 15, 2026`

SUMMARY

Maintenance and bug-fix release

NEW FUNCTIONALITY

- Improved the firmware update process for cameras requiring bridge firmware to automatically detect and apply the bridge firmware prior to the target firmware

RESOLVED ISSUES

- Fixed an issue where WAVE servers running version 6.1.2 could not be added to HealthPro Bridge

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Version 1.11.2

RELEASE DATE: `Sep 18, 2026`

SUMMARY

Bug-fix release

NEW FUNCTIONALITY

- Not applicable

RESOLVED ISSUES

- Fixed an issue where false offline and reconnection alerts were randomly reported in HealthPro for certain WAVE-connected cameras

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Version 1.11.1

RELEASE DATE: `Aug 28, 2026`

SUMMARY

Bug-fix release.

NEW FUNCTIONALITY

- Not applicable.

RESOLVED ISSUES

- Fixed an issue where changing camera passwords in Remote Config failed for WN9 series cameras.
- Fixed an issue where camera SD card status was not updated in HealthPro for bridge-connected cameras.
- Fixed an issue where adding sub-devices after scanning WAVE 5.0 servers caused the HealthPro Bridge database to reset upon service restart.

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Version 1.11

RELEASE DATE: `Aug 18, 2026`

SUMMARY

HealthPro Bridge v1.11 focuses on streamlined device onboarding, improved troubleshooting, and stronger operational awareness. This release introduces CSV-based bulk manual scanning, manual DB save, expanded Linux CLI support, and several UI/UX improvements for scan result filtering, log download, system alerts, CloudConnector conflict detection, and Help/Portal shortcuts.

NEW FUNCTIONALITY

CSV bulk scan for manual scan mode

- Upload a CSV file containing device Type, IP, ID, Password, HTTP/HTTPS, and Port to bulk-scan hundreds of devices at once.
- Supports mixed device types and mixed HTTP/HTTPS and port configurations in a single CSV file.

Manual DB save

- New Save button available after login to immediately persist in-memory database data to file storage.
- Unlimited usage with success/failure toast notifications.

Expanded Linux CLI command set

- Added i-PRO and ONVIF device type support for Linux CLI scan commands.
- Added commands to remove Cloud Pending devices and view per-device credential information.

UI/UX Improvements

- Hide VMS/NVR sub-devices filter in auto scan: New toggle hides cameras identified as children of WAVE or NVR servers from auto scan results.
- CloudConnector log download: Logs download now includes CloudConnector logs together with bridge server logs in a single archive.
- Server-cloud time mismatch notification: Displays a warning when the server PC time differs from the connected cloud time by more than ±3 seconds.
- CloudConnector conflict detection: Warns users when another application using CloudConnector is detected on client login.
- Help and Portal shortcuts: Help and Cloud Portal icons are available on the server creation, login, and post-login screens.

RESOLVED ISSUES

- Minor UI/UX improvements and bug fixes.

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Version 1.10.2

RELEASE DATE: `Jul 10, 2026`

SUMMARY

Bug-fix release.

NEW FUNCTIONALITY

- Not applicable.

RESOLVED ISSUES

- Fixed an issue where the HealthPro Update dashboard displayed the latest HealthPro Bridge version as available for update even when it was already installed.

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Version 1.10.1

RELEASE DATE: `Apr 28, 2026`

SUMMARY

Improvement of AI image health check algorithm, improved stability, and fixed bugs.

RESOLVED ISSUES

- Blurred scenes not detected; no task created
  - Restored blur detection and task creation for affected scenarios.
- Image Health Check sub-classification (Blurred vs Blocked)
  - Improved occlusion handling so cases are correctly categorized as Blocked instead of Blurred.
- Image Health Check fails to detect glare
  - Tuned detection so “Glared” conditions are identified reliably.
- Bridge server IP displayed as 0.0.0.0
  - Fixed incorrect IP rendering in Bridge device/network details.
- Camera “Open apps” shown as Unknown (AXIS P1447-LE)
  - Fixed app name resolution; version display remains correct.

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Version 1.10

RELEASE DATE: `Apr 1, 2026`

SUMMARY

HealthPro Bridge v1.10 (HPB) focuses on smoother onboarding, higher reliability, and easier troubleshooting for bridge-connected systems and NVR environments. This release adds one-click installation from ConfigPro, performance tuning for up to 200 managed devices, automatic local database backup, and more accurate storage synchronization with the cloud. Admins gain clearer guidance during initial setup, control over device scan intervals, and secure local tools to review device credentials and image health data. NVR name and

channel synchronization, plus cloud-side claiming of newly added NVR sub-devices, ensure a more consistent and manageable hybrid deployment.

NEW FUNCTIONALITY

ConfigPro Integration

One-click HealthPro Bridge installation from ConfigPro

- Clicking the HealthPro Bridge / Cloud icon installs the latest HPB in silent mode, shows progress, then opens HPB login (new tab).
- Users can configure, log in, connect to cloud, and begin discovery.

HealthPro Bridge Reliability & Performance

Optimized performance for managed devices

- Improved I/O performance by transitioning from a file-based database to an in-memory database.
- Integrated the bridge scheduler service with the bridge server.

Automatic database backup on Bridge (Windows & Linux)

- Daily full local DB backup at 00:00:00; up to 7 backups retained with automatic cleanup.
- Skips schedule if corruption detected to avoid copying bad data; standard backup locations per OS.

Storage information synchronization with the cloud

- Accurate storage state for HPB, WAVE, and NVR is pushed on changes (add/remove/modify, claim/reclaim, online/offline) and also sent every 24 hours.
- Portal reflects most recent bridge state; existing hourly storage usage reporting remains.

HealthPro Bridge – Usability & Troubleshooting

Clear guidance when initial server creation fails

- On fresh install, if server creation fails, user remains on creation screen with localized error pop-up advising service checks.
- Works on Windows and Linux; messages localized (EN/KR/FR/DE/ES/PT/IT).

Adjustable device auto-scan interval via settings file

- Admins can set 5000–20000 ms for auto-scan; applied immediately without restarting the client.
- Affects auto-scan only

Security & Data Access (Local Admin-Only)

View device credentials after local admin authentication

- New menu: “View encrypted data – Device credentials.” Extra local HPB admin password required to enter.
- Managed devices listed with Cloud/Status/Type/Vendor/Model/MAC/IP; ID/Password revealed per device on hover; fully localized labels.

View image health reference & comparison images

- New menu: “View encrypted data – Image health.” Local admin authentication required.
- Camera list only; hover to preview REF/Compared thumbnails; click to download ZIP (ref/cur images). Localized labels; browser may require allowing multiple downloads.

NVR Integration Enhancements

Claim newly added NVR sub-devices from the cloud

- When new channels are added on NVR under HPB, bridge DB updates automatically; users can discover and claim via portal using NVR camera names.
- Claimed channels receive full HealthPro features (health monitoring, firmware updates, etc.).

Automatic sync of NVR and channel names to HealthPro

- Onboarding uses NVR device/system name and channel camera names as portal defaults; background sync applies on name changes, status transitions, and at intervals.

Support for new features in HealthPro

RESOLVED ISSUES

UI/UX improvements and bug fixes.

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Version 1.9.1

RELEASE DATE: `Feb 10, 2026`

SUMMARY

Removed Windows Management Instrumentation (WMI) dependency, improved stability, and fixed bugs.

NEW FUNCTIONALITY

- HealthPro Bridge now operates normally even when the Windows Management Instrumentation Command-line (WMIC) is not running on Windows OS.
- A warning message is now displayed if server creation fails during the initial launch of HealthPro Bridge.

RESOLVED ISSUES

- Resolved an issue where excessive Auth.log and Kern.log files were being generated on WAVE Linux Appliances (WRN).

- PoE power cycle not working.
- Minor bug fixes.

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Version 1.9

RELEASE DATE: `Dec 18, 2025`

SUMMARY

This version introduces a UI/UX improvements, ease of importing new devices, and WAVE improvements.

NEW FUNCTIONALITY

- Select multiple devices registered in the Managed table and delete them in bulk when they are in a state to be deleted.
- Distinguish cameras with SUNAPI versions lower than 2.6.0 when claiming to the cloud.
- Linux support. HealthPro Bridge now runs natively on Ubuntu 22.04 in addition to Windows.
- Linux CLI. A command line interface is available for configuring and using a Linux HealthPro Bridge, however the web GUI is the recommended method.
- HealthPro users can scan and add additional devices to HealthPro via the Cloud Portal when new devices are connected to a HealthPro Bridge's child WAVE server.

DEVICE COMPATIBILITY AND INTEGRATIONS

- HealthPro Bridge runs natively on Linux Ubuntu 22.04 as well as Windows.
- Scan and claim i-PRO and ONVIF cameras.

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Version 1.8

RELEASE DATE: `Sep 3, 2025`

SUMMARY

This version introduces a web UI to ease remote configuration, a Linux-based version, and expanded integrations.

NEW FUNCTIONALITY

- A browser UI replaces the thick client application to simplify the remote configuration of a HealthPro Bridge server as long as there is network access and/or local port forwarding. This will reduce the dependence on desktop-sharing tools such as Remote Desktop, e.g., https://[ip_address]:3002
- Collect HealthPro Bridge log files to assist with technical support. This can be particularly helpful diagnosing why a bridge is not connecting to Cloud Portal, or certain services are not running.

RESOLVED ISSUES

Minor bug fixes and UI improvements.

DEVICE COMPATIBILITY AND INTEGRATIONS

- Hanwha Vision PRN/XRN/QRN/ARN NVR support. The bridge must run on a separate machine and not on the NVR itself.
- Hanwha Vision (Allied Telesis) managed network switch support (running on a separate machine), to enable SNMP v2c. Note that HealthPro Bridge can only cycle the managed switch PoE port of a licensed HealthPro camera. It cannot cycle any other ports.

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Version 1.7.4

RELEASE DATE: `Aug 11, 2025`

SUMMARY

Bug-fix release.

NEW FUNCTIONALITY

Not applicable.

RESOLVED ISSUES

- Unsupported devices detected.
- Improved stability and bug-fixes when remotely updating HealthPro Bridge from HealthPro.
- Improved stability and bug-fixes when monitoring the health of multiple HealthPro Bridge child devices.

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Version 1.7.3

RELEASE DATE: `Jul 28, 2025`

SUMMARY

Bug-fix release.

NEW FUNCTIONALITY

Not applicable.

RESOLVED ISSUES

- Auto scan mode does not work properly.
- WAVE server's CPU and RAM usage is incorrectly displayed.
- Camera health metrics information takes a long time to update or does not update when multiple cameras are connected at the same time.
- Fixed typo.

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Version 1.7.2

RELEASE DATE: `Jul 14, 2025`

SUMMARY

New feature (AI indicator of HealthPro) support and bug-fix release.

NEW FUNCTIONALITY

Show WiseAI-supported cameras in HealthPro.

RESOLVED ISSUES

CPU and RAM usage are not displayed when HealthPro Bridge exists without any child devices.

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Version 1.7.1

RELEASE DATE: `Jun 23, 2025`

SUMMARY

Bug-fix release.

NEW FUNCTIONALITY

Not applicable

RESOLVED ISSUES

- Remote S/W update issues via HealthPro.
- Wrong device status of some WAVE versions.
- Other minor issues.

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Version 1.7.0

RELEASE DATE: `Jun 11, 2025`

SUMMARY

This release includes features that further extend scalability, both in magnitude and the ease of managing large systems. It also strengthens its support for monitoring WAVE systems.

NEW FUNCTIONALITY

- HealthPro Bridge users can scan and add up to 800 child devices to Cloud Portal.
- When HealthPro Bridge scans for sub-devices, it will exclude localhost 127.0.0.1 from the search results.
- The CPU and RAM usage of Hanwha Vision cameras is displayed in HealthPro.
- Firmware updates can use zipped firmware files regardless of their internal structure.

- HealthPro users can normally update the firmware of derivative models (Korean Government TTA certified models) registered on the HV homepage.
- The health log now includes WAVE servers and their cameras, extending coverage beyond HealthPro Bridge servers and its cameras.
- Multi-language support: HealthPro supports English, French, German, Spanish, Portuguese, Italian, and Korean.

RESOLVED ISSUES

- Minor bug fixes.

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Version 1.6.4

RELEASE DATE: `Apr 9, 2025`

SUMMARY

Bug-fix release.

NEW FUNCTIONALITY

- Not applicable

RESOLVED ISSUES

- Issue where software remote updates were not possible due to CodeSign certificate expiration has been resolved.

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Version 1.6.3

RELEASE DATE: `Apr 2, 2025`

SUMMARY

Bug-fix release.

NEW FUNCTIONALITY

- Not applicable

RESOLVED ISSUES

- The new model name (HP-BRIDGE) of HealthPro Bridge is applied, so when you install the new software, you can see the new model name in the portal and HealthPro device information.
- The device (channel) name set in WAVE is automatically applied as the device name in the portal and HealthPro.

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Version 1.6.2

RELEASE DATE: `Mar 13, 2025`

- Rebranded from DM Bridge as HealthPro Bridge

NEW FUNCTIONALITY

- Not applicable

RESOLVED ISSUES

- Bug where the previous version was still displayed when updating a WAVE server's child camera firmware in HealthPro, and the previous IP address was still displayed in HealthPro when changing the camera's IP address in HealthPro Bridge.

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Version 1.6.1

RELEASE DATE: `Mar 6, 2025`

- Bug fixes

NEW FUNCTIONALITY

- Not applicable

RESOLVED ISSUES

- Fixes autoscan-related issues.

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Version 1.6.0

RELEASE DATE: `Feb 28, 2025`

- Introduces scanning for WAVE servers and adding them to Cloud Portal for monitoring in HealthPro. This is the recommended and scalable way to monitor WAVE systems instead of using WAVESync.

- This version also add AXIS cameras for monitoring and management.

NEW FUNCTIONALITY

- Scan for, and add WAVE servers (v5 or newer)
- Health monitoring WAVE servers and their cameras, even if the devices are not directly compatible with HealthPro Bridge, for example 3rd party cameras
- Manual scan mode, for more finer control when scanning
- Scan for, and add AXIS cameras (VAPIX 1.0 or newer)
- Health monitoring AXIS cameras
- Pushing firmware updates to AXIS cameras
- Rebooting AXIS cameras

RESOLVED ISSUES

- Not applicable

DEVICE COMPATIBILITY AND INTEGRATIONS

- WAVE servers (v5 or newer)
- AXIS cameras (VAPIX 1.0 or newer)

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Version 1.1.18

RELEASE DATE: `Oct 31, 2024`

IMPORTANT: This release ensures that any variations of DM Bridge v1.1.17

issued to beta customers prior to the official launch of v1.1.17 will get

auto-updated to the officially launched version. Specifically. it ensures

that CloudConnector v1.2.0 is incorporated.

Standardizes all existing DM Bridge instances. DM Bridge will automatically self-update during the night, so no further action is necessary.

NEW FUNCTIONALITY

- None

RESOLVED ISSUES

- Some instances of DM Bridge 1.1.17 were experiencing unreliable connectivity to Cloud Portal.

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Version 1.1.17

RELEASE DATE: `Oct 15, 2024`

IMPORTANT: This is the initial launch version of DM Bridge.

For DM Bridge configuration instructions please read the article:

HealthPro Bridge: How do I add multiple devices at once to the Hanwha Vision Cloud?.

DM Bridge is an on-premises internet bridging software application that connects cameras to DMPro, which runs in the cloud. It is designed to facilitate health monitoring and firmware updates.

NEW FUNCTIONALITY

- Discovering cameras, either through auto discovery, or within an IP range
- Adding the cameras to the Org in Cloud Portal

RESOLVED ISSUES

- Not applicable

DEVICE COMPATIBILITY AND INTEGRATIONS

- DM Bridge minimum sever requirements

- OS: Windows 10
- CPU: Atom x7425E 1.50GHz
- RAM: 8GB
- Microsoft Visual C++ 2015-2022 redistributable
- DM Bridge is compatible with Hanwha Vision IP cameras that incorporate the Wisenet 5 or newer SOC (System on Chip)
- For more information visit: Wisenet SoC (System on Chip)