



Arkiv 5.1.8 Release Notes

What's New in Arkiv 5.1.8

1. Added the ability to disable adding Arkiv processes to Windows Defender Exceptions in the Arkiv installer.
2. Optimized CPU usage in some cases when working with the motion detector.
3. Optimized CPU usage when working with the Detectors tab containing a large number of objects.
4. The date and time format is now taken from the operating system settings.
5. Renamed the button for loading configuration for ACFA objects.
6. Added the ability to control PTZ cameras for an ONVIF server.
7. Added a new Prometheus metric `ngp_archive_volume_size` that shows the current archive size in bytes.
8. Added a set of Prometheus metrics on Linux OS to monitor `smartctl_*` server disk status (`smartctl_device_smart_status` and others).
9. Extended the export audit with the time of the exported frame or the time interval of the exported video.
10. Updated the behavior of the Timeline panel: it now displays timelines only for the selected cameras.
11. Added changes to the structure of the ArchiveBinding GRPC API.
12. Added modifications to the storage depth of face vectors, adjustable via the `NGP_FACE_VECTORS_IN_RAM_DEPTH_HOURS` system variable.
13. Added the `GREEN_STREAM_SCALE_RATIO` system variable to change stream resolution based on required video quality.

System constraints

Added a restriction allowing archive replication with video only.

Fixed system security problems

Improved the security of the Web-Server.

Web-Client

Several improvements were made to increase system security and stability.

IP device support

The release includes the Drivers Pack package for IP devices (see Drivers Pack Release Notes).

Video and audio analytics

The release includes the DetectorPack detector package (see DetectorPack Release Notes).

The Arkiv distribution includes only the basic detectors.

Additional detector packages must be installed separately (see Installing DetectorPack Add-ons).

Downloads and licensing

The Arkiv installer includes both client and server components. It is compatible only with 64-bit (x64) systems. The client can be installed on the same computer as the server or on a separate dedicated workstation. There is no limit to the number of servers and clients in a system.

Arkiv provides three license types: Professional, Enterprise, Unified

Detailed information about all Arkiv licenses is available on this [page](#).

Updating from Previous Versions

To update from earlier versions: Run the installer for the new version, Select the existing configuration during installation, Uninstalling the previous version is not required