

# Arkiv 6.0 Release Notes

## Important

Video may not be displayed on systems with NVIDIA graphics cards and outdated drivers. In such cases, you must update your graphics driver to the latest supported version from the NVIDIA official website.

## What's new in Arkiv 6.0

1. Optimized the top panel for speed and ease of operation.
2. Changed the basic export and reworked the logic of setting export parameters. After updating to **Arkiv 6.0**, you may need to reconfigure some export parameters (PDF templates, watermarks, etc.). Major changes:
  - Redesigned the export window.
  - Added extended mode for export parameters (codec, compression level, frame rate, etc.).
  - Moved some settings from the **Options** section to the export window.
  - Moved export templates and watermark settings to domain options.
  - Added multi-camera selection during export.
  - Added control over titles during export.
  - Added overlay of areas of interest (outlines, points, lines) from bookmarks.
  - Added ability to change video resolution during export.
3. Added bookmark creation and management.
4. Implemented real-time multicamera tracker with synchronized map tracking.
5. Added archive search for the **Meta-detector** (queries similar to detector settings, available in English).
6. Added LDAP group-to-role mapping and automatic/manual user synchronization.
7. Added encryption of confidential configuration data and backups.
8. Added support for third-party TLS/SSL certificates.
9. Added operator-name watermark overlay on exported videos.
10. Implemented access restrictions to personal data (face recognition, LPR, vehicle make/model, etc.).
11. Added support for secure gRPC communications.
12. Updated cryptography to OpenSSL 3.x.
13. Added API token authentication.
14. Implemented removal of PostgreSQL superuser privileges (least privilege principle).
15. Simplified integration of third-party analytics with native metadata format of **Arkiv 6.0**.
16. Added object grouping and quick macro setup for multiple devices.
17. Added support for **DetectorEx module**.

18. Added “Remember me” login option.
19. Improved time synchronization via NTP.
20. Added simultaneous replication of multiple channels + separate management interface.
21. Added quick archive search from live video.
22. Separated client and domain settings.
23. Added export of camera lists.
24. Added temporary camera disarm feature.
25. Added track lifespan display in surveillance window.
26. Added layout sorting by name.
27. Significantly accelerated configuration process for Server and Client installations.
28. Added support for NVIDIA Hopper and Blackwell GPUs.

## Web client

Various improvements to increase system security and stability.

## Video and audio analytics

The release includes **DetectorPack 3.15.2**.

### Included detectors:

- Motion detector
- Object tracker (no neural filter)
- Video clarity detector
- Audio loss detector
- Noise detector
- Signal detector
- Queue detector
- Visitor counter

### Sub-detectors:

- Line crossing
- Loitering
- Stop in area
- Motion in area
- Entrance detection
- Exit detection
- Multiple objects
- Area-to-area movement
- Abandoned object

Additional detector packs can be installed separately.



# IP device support

Includes **Drivers Pack 3.89** for IP device compatibility.

## Updating from previous versions

1. You can update to **Arkiv 6.0** only from the latest official release of **Arkiv 5.x**.  
Example path: 5.x → latest → 6.0
2. After updating, auto-login may require reconfiguration due to credential handling changes.
3. If video does not display in the web client after upgrade:
  - Press **Ctrl + F5**, or
  - Clear browser cache manually via DevTools:
    - Open DevTools (F12)
    - Go to **Application**
    - Select **Storage**
    - Click **Clear site data**