

Release notes for IDIS Solution Suite 5.1.0

1. AI / Analytics

- Enabled **AI Search** with ISS recording services.

2. Streaming / Protocols

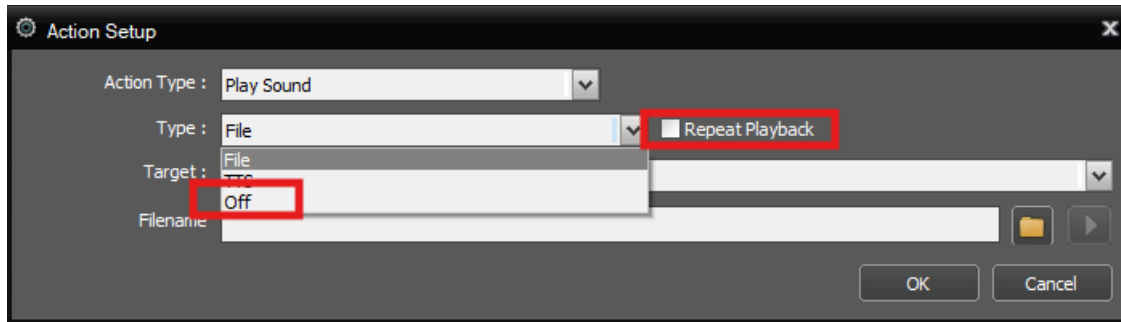
- Supported **RTSPS** protocol on RTP service
- Fixed heap memory increase in Streaming & Monitoring service to prevents memory leaks after Memory Pool performance feature

3. Playback / Recording

- Improved event recording when reconnecting **3rd-party cameras** to prevent missed events if the monitoring service connects before the recording service.
- Recording service uses the highest stream rather than schedule priority to save all event logs regardless of priority.
- Modified the process to reduce memory copies by using a memory pool instead of copying video frames directly from the camera.
- Improved NVR Synchronized Playback feature

4. Notification for Admin and Event services

- Added popup message in Administration Service notification
 - IDIS Solution Suite Setup > System Setup > Notification > Popup Message
- Supported OPUS audio codec on TTS in Event Action Setup
- Added sound play repeat and user manual OFF functions to event actions



5. Installation

- Users can install ISS even when the server GPU is not supported by VA Service, after receiving a notification.
- Modified VC++ redistributable installation behavior to avoid overwriting newer system libraries unnecessarily.

6. Client / Viewer Tools

- Updated VNC Viewer version (7.15.0.17 → 7.15.1.18)

7. Bug fixed

- Fixed distorted channels when layout change caused unintended stream switching on Webviewer with NVR
- Fixed loitering event not occurring after initial trigger
- Resolved continuously increasing heap memory in Streaming & Monitoring service
- Fixed AI Search returning fewer results than the set maximum

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