This document briefly introduces the new functions and features in the HikCentral Professional 1.4.2 updated from Version 1.4.0.
The content of this manual is furnished for informational use only and it is subject to change without notice.
1. Added

1.1 Global

- **Vehicle**
  - Supports recognizing vehicles without license plate and vehicles’ moving direction (for 7-series ANPR camera only).
  - Supports searching vehicles without license plate recognized by 7-series ANPR camera.
  - For Control Client and Mobile Client, you can set the vehicle information including effective period of license plate, brand, color, and model when adding the vehicle to the vehicle list.
  - Supports controlling barrier gates by exit/entrance capture unit (DS-TCG227-AIR) and smart monitoring unit (iDS-TCM203/403).

- **Monitoring**
  - Supports reserving the video files and statistics (e.g. people counting, vehicle) after replacing network cameras’ hardware. (The network camera should directly connect to the client.)
  - Supports pStor hot spare.
  - Supports connecting to Intelligent Fusion Server cluster.
  - Supports playback after switching to N+1 hot spare for NVR.

- **Others**
  - For Control Client and Web Client, added License Agreement on the About page.

1.2 Web Client

- Supports configuring picture downloading port for WAN when using NVR as Recording Server.

1.3 Control Client

- Added firmware version information on encoding device’s camera details page.

- **Smart Wall (Decoding Device)**
  - Supports displaying images of devices added by DDNS on the smart wall.
  - Supports connecting with network keyboard 1600K v3.2, by which you can display playback on the smart wall (do not support speed control).

- **Vehicle Search**
  - Vehicle information including effective period of license plate, brand, color, and model
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will be displayed in ANPR alarm window and linkage e-mails.

- Added fuzzy matching rules for license plate searching and you can set the fuzzy matching rules in System module.

**Alarm**

- Added Batch Acknowledge function for alarms (up to 100 alarms).
- Added temperature pre-alarm as an alarm type for thermal imaging camera.
- Added six alarm types for traffic camera, including Illegal Parking, Wrong-Way Driving, Driving on the Lane Line, Illegal Lane Change, Motor Vehicle on Non-Motor Vehicle Lane, and Illegal U-Turn.
- Supports displaying matched persons’ information in the linkage e-mails of face comparison alarms.
- Supports enabling audio and pop-up window for all alarms.

2 Edited

2.1 Global

**System**

- Supports accessing the system by domain name or IP address if server domain name is set as the IP address for WAN access.
- The effective period of license plate is subject to the zone time of the server.
- Fixed the bug that base license targeting duplicate function modules is not usable.
- Added Face Recognition and ANPR module in the License and you can add face recognition/ANPR cameras of no more than the total number allowed by the modules you have bought.

**Monitoring**

- Supports switching to software decoding when hardware decoding does not support fisheye expansion during live view and playback of fisheye camera.
- Optimized the channel type displaying of network cameras connecting to the system directly.

**Access Control**

- Fixed the copying failure of duress code, super password, and dismiss code when copying door settings to other doors.
- Optimized configuration of video access control terminal:
  - By default, the door and camera are associated with each other, and the user can uncheck the association.
  - You do not have to configure a storage schedule for the camera of/associated with
the door when configuring video intercom alarm for the door.

- The alarm will stop after answering or rejecting the call by the client.
- Improved the capability of getting events from turnstile.
- Improved the system’s compatibility for access control devices (e.g. 26-series single chip microcomputer)’ capability of clearing data.

### 2.2 Web Client

- **Time & Attendance:**
  - Supports managing up to 10,000 persons.
  - Fixed the bug that all attendance records are displayed as Absent.

- **Person:**
  - Supports up to 256 bytes for person name.
  - Supports collecting person profile by devices.
  - Higher accuracy of fingerprint duplicate checking.

### 2.3 Control Client

- Added warnings for Recording Server’s CPU and RAM usage above 80% and 90%.
- Supports searching matched face pictures in up to 256 channels of face comparison groups.
- Supports exporting up to 30,000 card-swiping records for one time. Fixed the bug that receiving alarms failed for mismatch between the channel No. assigned by the system and the channel No. defined by the device.
- Fixed the bug that viewing captured picture on Control Client failed of cameras (except ANPR, face identification and comparison, and UVSS) configured both capture linkage action and alarm.
- Fixed the bug that displaying live view of Remote Site’s cameras triggering alarms on smart wall failed.
- Fixed the bug that video security control panel receiving motion detection alarm failed.
- Optimized the client’s uploading mode of view group’s data.
- Improved the sound quality of intercom between pole panic alarm station (the caller) and Hikcentral.
- **Smart Wall (Decoding Device)**
  - Optimized the smart wall function of the Control Client after configuring user permission on the Web Client.
Fixed bugs:

- Displaying on smart wall by channel-zero failed when the device connects the system by direct access.
- Modification failure of decoding output resolution of decoders cascaded with smart wall controllers DS-C10S and DS-C10S-T.
- Newly added windows display the image of the divided window after division.
See Far, Go Further