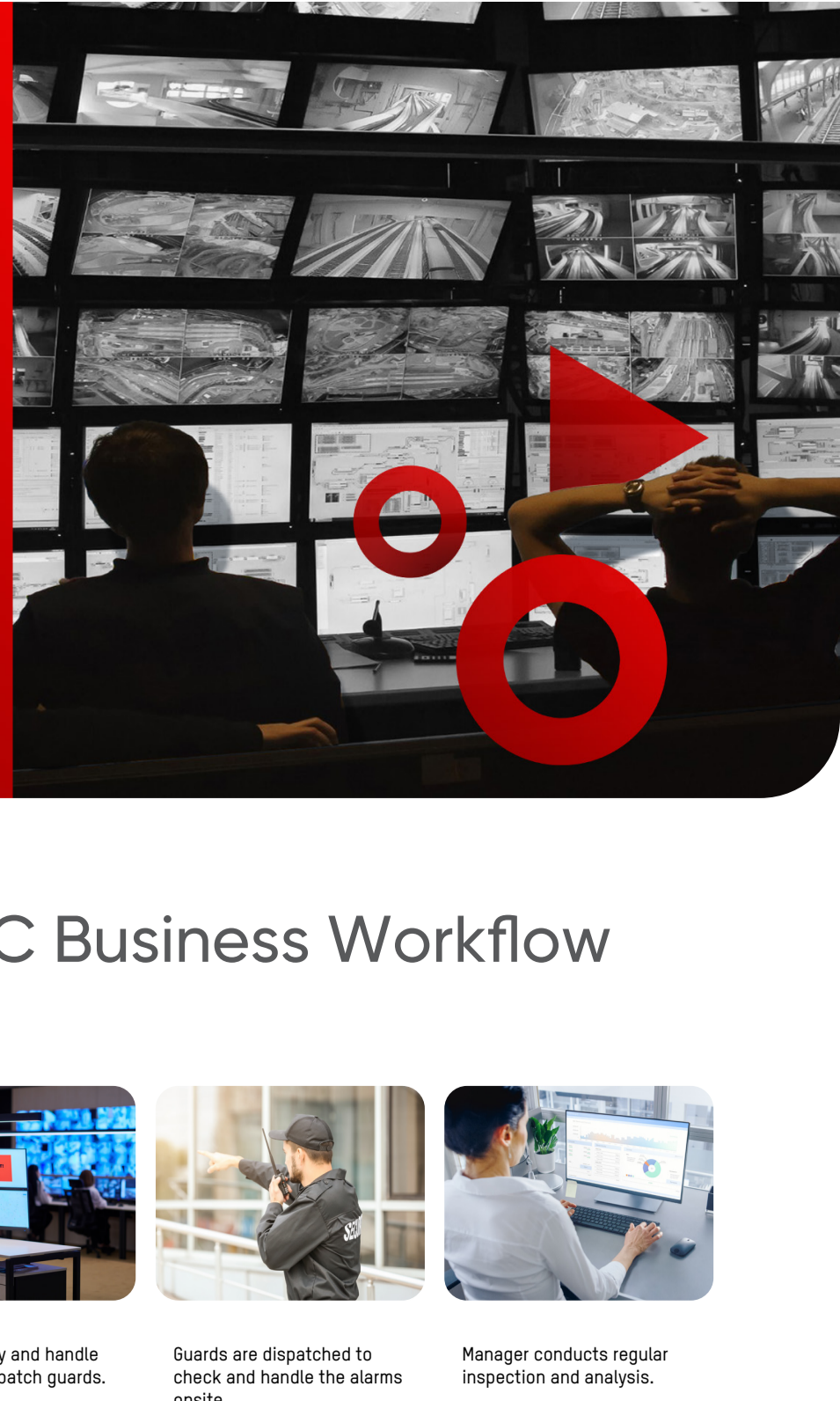
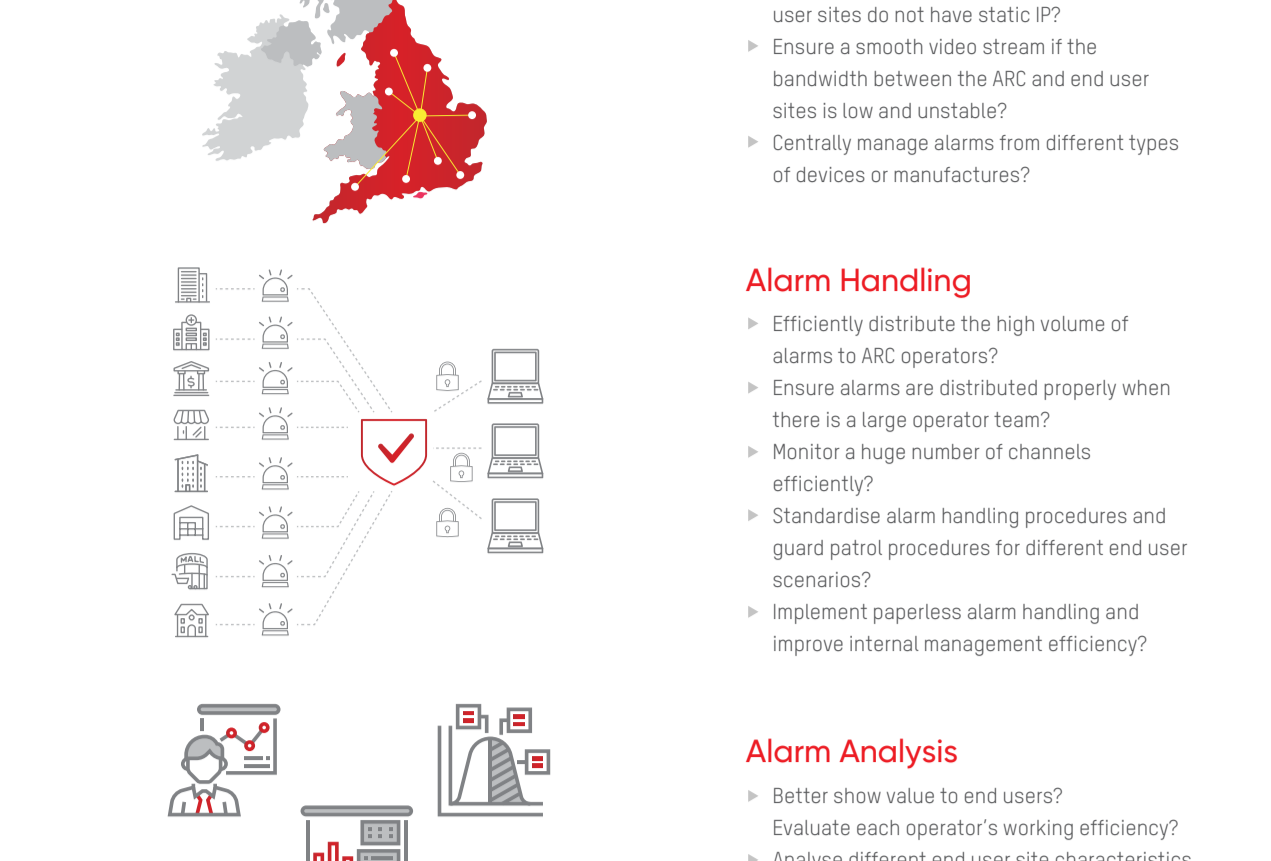


HikCentral ARC Solution 2.0



Typical ARC Business Workflow



[Some sites also require virtual guard tours that take operators through each of the relevant onsite cameras.]

Requirement Analysis

Device Connection

- Facilitate remote connection when most end user sites do not have static IP?
- Ensure a smooth video stream if the bandwidth between the ARC and end user sites is low and unstable?
- Centrally manage alarms from different types of devices or manufacturers?

Alarm Handling

- Efficiently distribute the high volume of alarms to ARC operators?
- Ensure alarms are distributed properly when there is a large operator team?
- Monitor a huge number of channels efficiently?
- Standardise alarm handling procedures and guard patrol procedures for different end user scenarios?
- Implement paperless alarm handling and improve internal management efficiency?

Alarm Analysis

- Better show value to end users?
- Evaluate each operator's working efficiency?
- Analyse different end user site characteristics for better alarm handling?
- Assess whether operators observe standard guard patrol procedures?

Solution Introduction

Overview

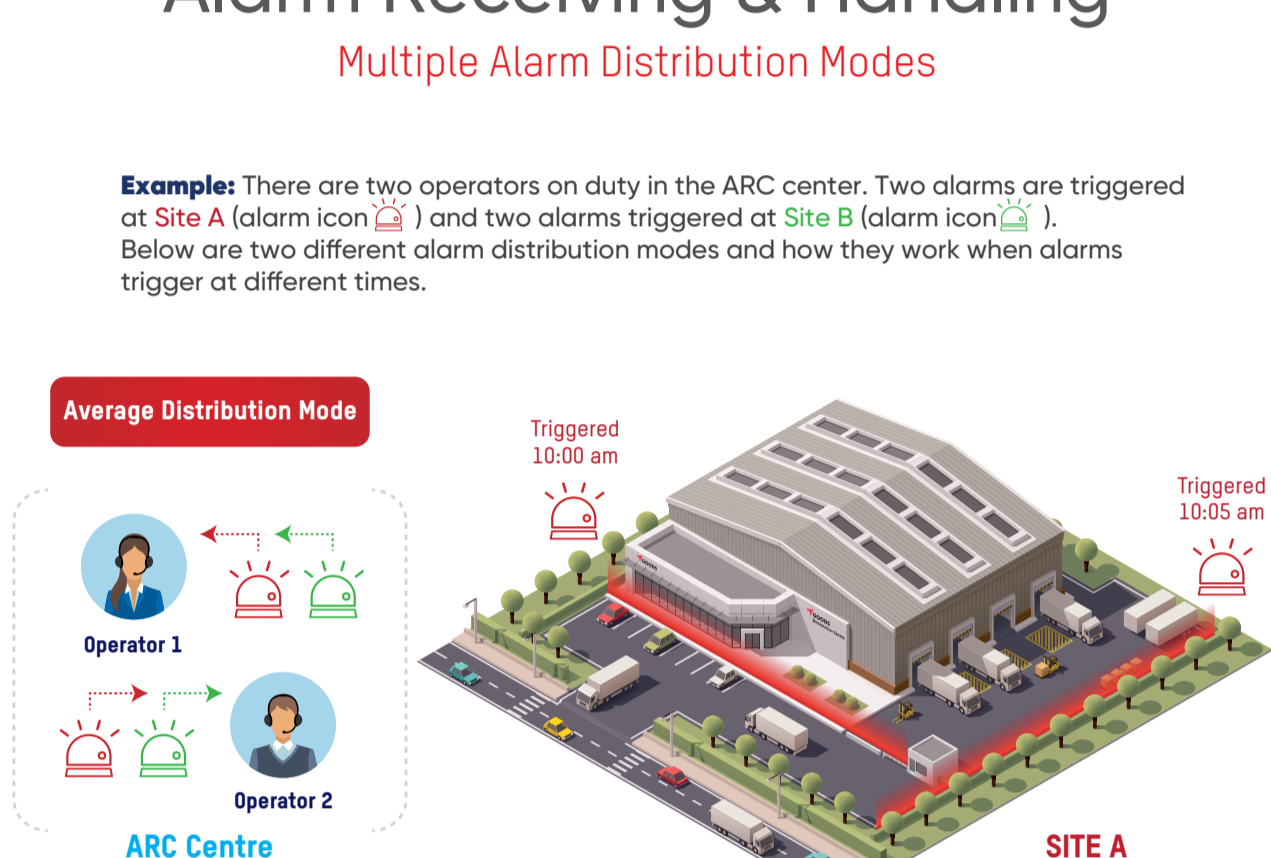


HikCentral Professional provides dedicated ARC solutions for customers according to their project requirements and service agreements with their end users. The solution is made up mainly of three parts according to the relevant software license level:

- Alarm Receiving & Handling
- Remote Video Patrol also known as virtual guard tours
- ARC gateway which support third-party system alarm integration with video and audio

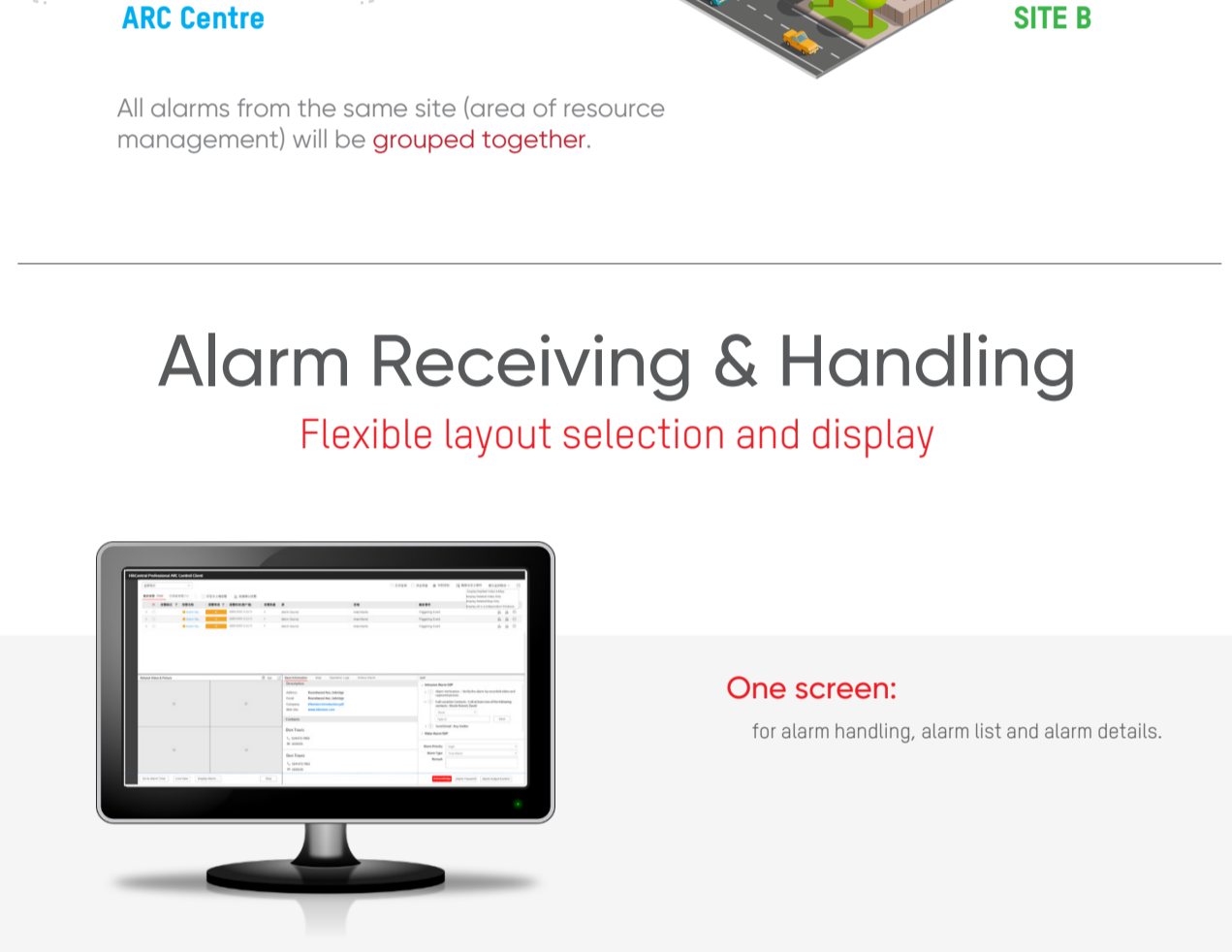
**Relevant license will be listed in the product showcase section.*

Typical Deployment



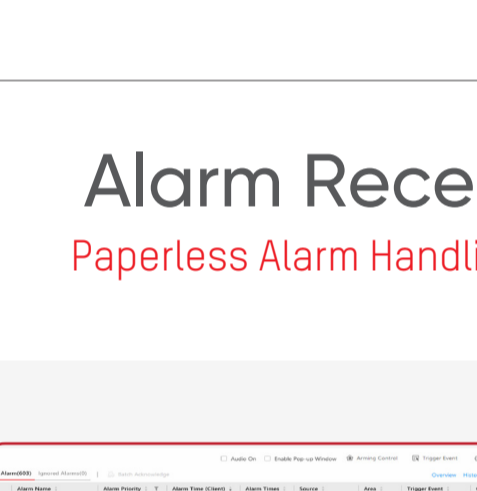
Alarm Receiving & Handling

Easy connection and information viewing



Multiple Device Adding Methods:
The end user sites may be widely geographically distributed. There are several ways to add these devices on HikCentral, including:

- 3G/4G via 3G/4G mobile networks
- Domain name by DNS
- LAN IP address



Frame Extracting Playback:
Plays back only 1 frames and drops the rest.

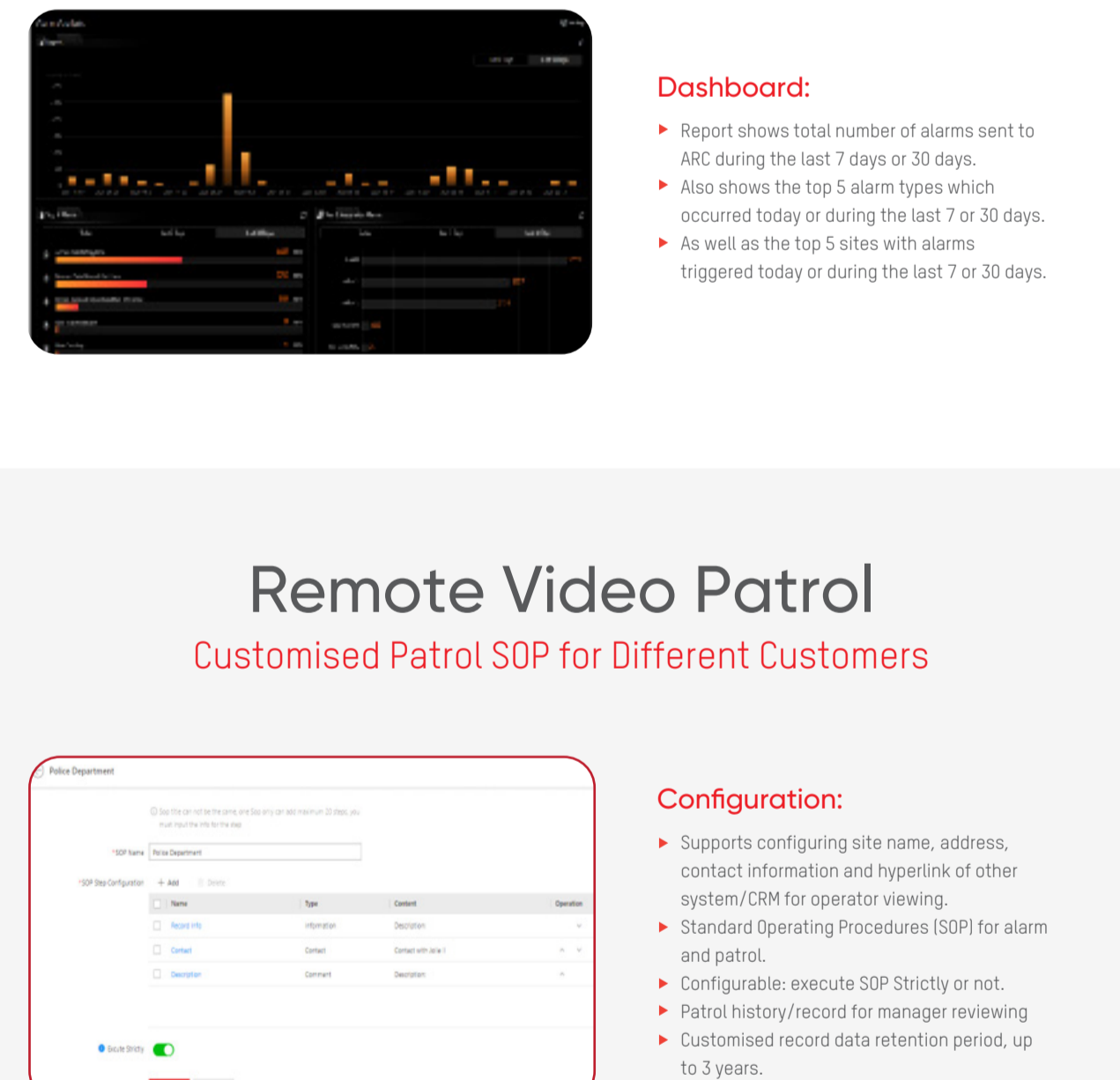
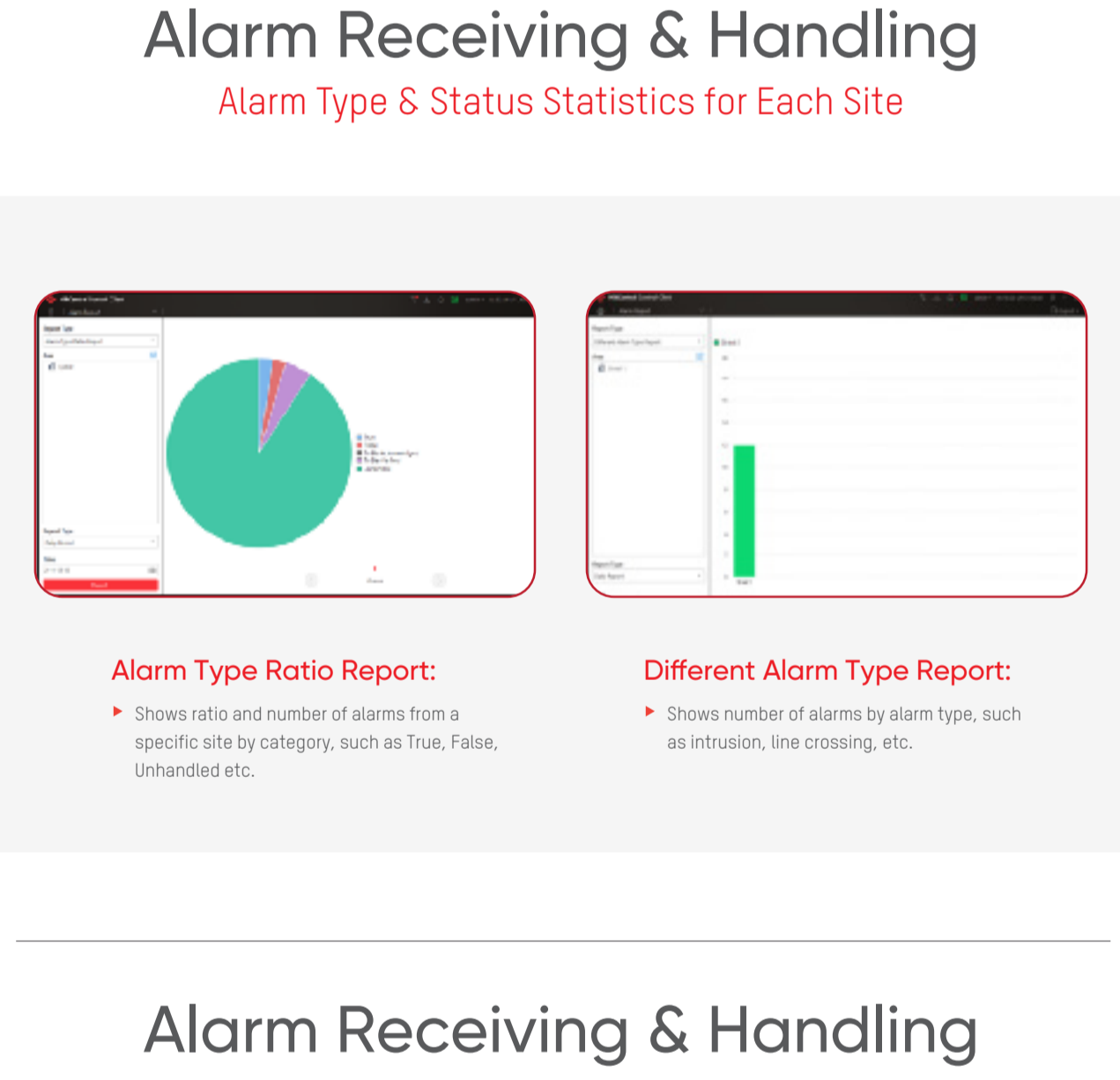
Transcoding Playback:
High bitrate local storage and self-defined low bitrate remote playback.

Smooth Stream:
Detecting the network status and adjusting the bitrate automatically to take full advantage of the network.

Alarm Receiving & Handling

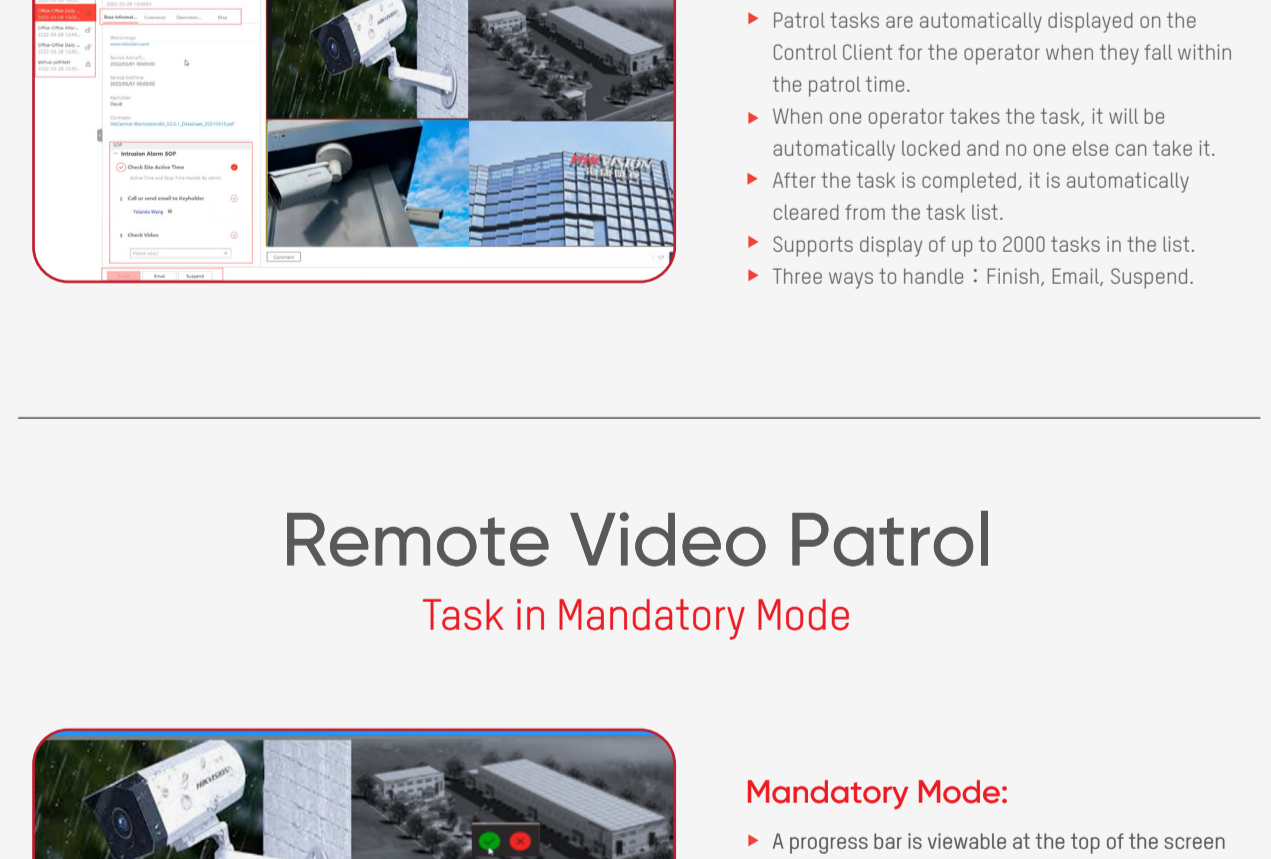
Multiple Alarm Distribution Modes

Example: There are two operators on duty in the ARC center. Two alarms are triggered at Site A (alarm icon) and two alarms triggered at Site B (alarm icon). Below are two different alarm distribution modes and how they work when alarms trigger at different times.



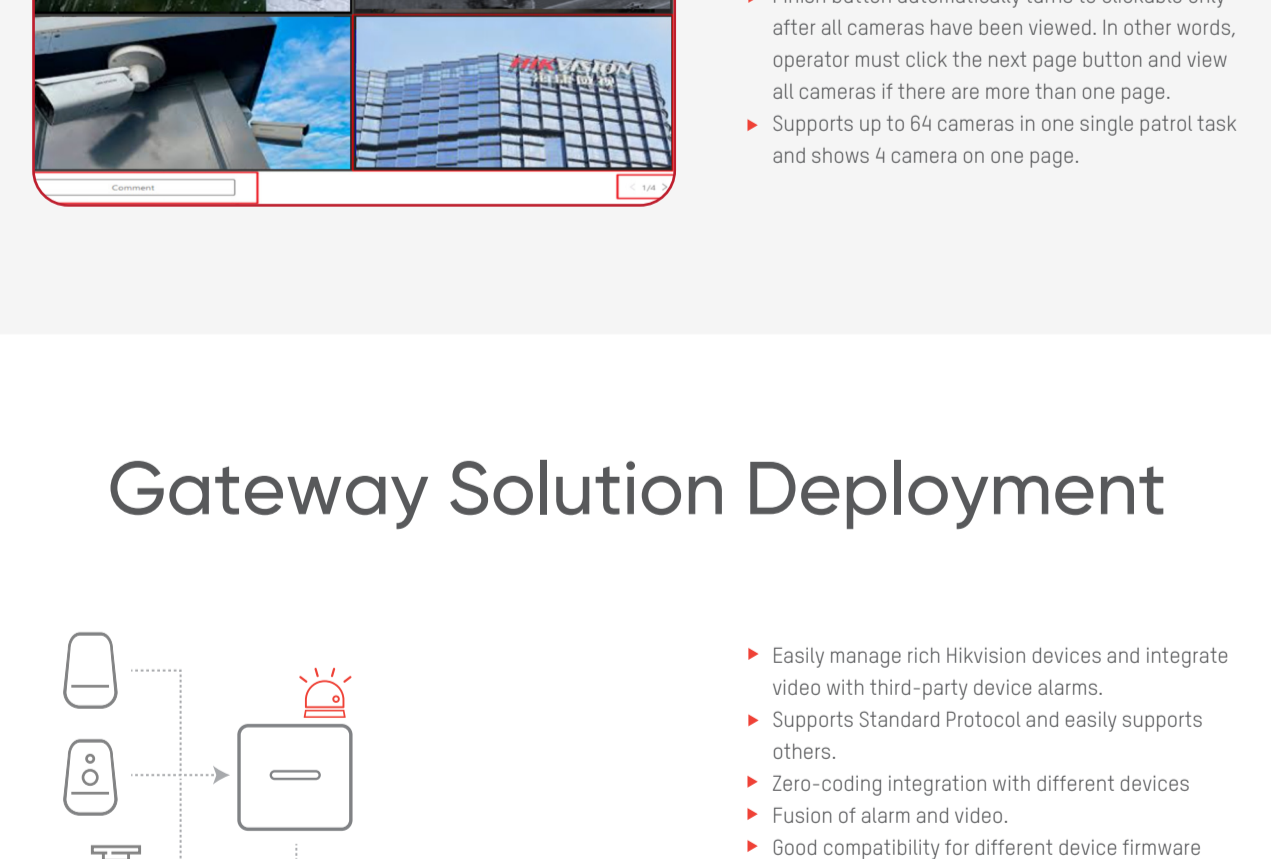
Alarm Receiving & Handling

Flexible layout selection and display



Alarm Receiving & Handling

Paperless Alarm Handling SOP and Forwarding or Email



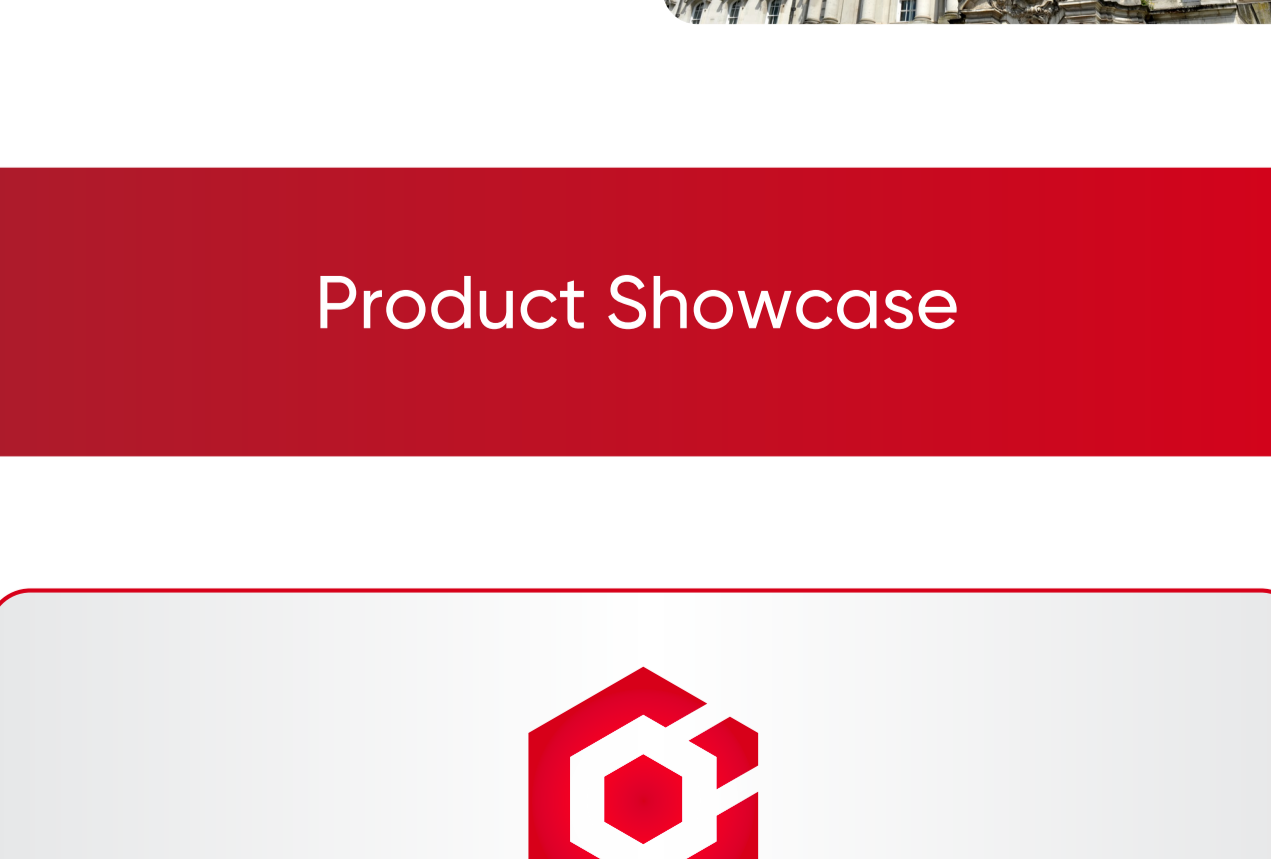
Alarm Receiving & Handling

Operator Working Efficiency Statistics



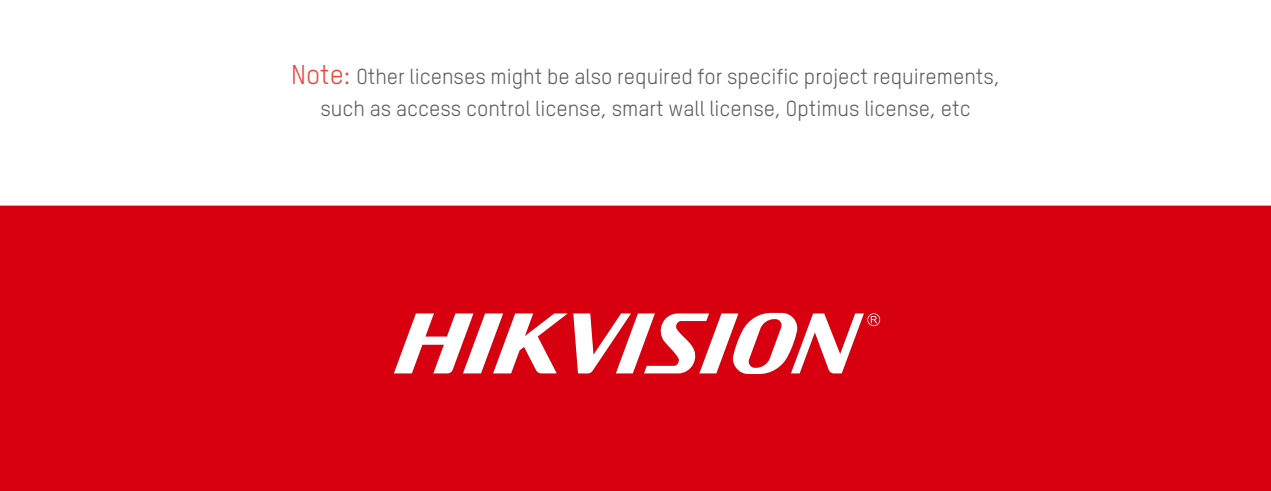
Alarm Receiving & Handling

Alarm Type & Status Statistics for Each Site



Alarm Receiving & Handling

Alarm Analysis Overview



Remote Video Patrol

Customised Patrol SOP for Different Customers



Remote Video Patrol

Patrol Task List

Remote Video Patrol

Task in Mandatory Mode

Remote Video Patrol

Task in Sweeping Mode

Gateway Solution Deployment

Application Scenario

Product Showcase

- HikCentral Professional ARC Plugin Version (based on V2.2.0)**
- Flexible, scalable, reliable and powerful central surveillance system.
 - Supports live view, playback, access control, video intercom, visitor management, vehicle entrance and exit management, alarm management, personnel identification, BI dashboard, people counting report.
 - Third Party system integration via OpenAPI or VMSaaS, a middleware product from Hikvision.
 - VMSaaS plugin** for alarm receiving and handling
 - Remote Video Patrol plugin** for virtual guard tour.
 - Gateway plugin** for third-party ARC software integration.
- LICENSE 1: HikCentral-P-ARC-VSaaS-Module**
- For alarm receiving and handling scenarios.
 - Enhanced alarm center with SOP, alarm reports, alarm escalation, diverse alarm distribution modes to multiple operators.
- LICENSE 2: HikCentral-P-RemoteVideoPatrols-Module**
- For remote video patrol scenarios.
 - Scheduled remote security patrol via cameras, with patrol SOP, records, etc.
- LICENSE 3: HikCentral-P-ARC-GW-Module**
- For third-party ARC software integration.
 - Act as a gateway connection to third-party ARC via sending alarm message through SIP, Sur-Guard alarm protocol etc. & video verification.

Note: Other licenses might be also required for specific project requirements, such as access control license, smart wall license, Optimus license, etc