



Requirement Analysis



Device Connection ▶ Facilitate remote connection when most end user sites do not have static IP? ▶ Ensure a smooth video stream if the sites is low and unstable? of devices or manufactures?

bandwidth between the ARC and end user Centrally manage alarms from different types **Alarm Handling** ▶ Efficiently distribute the high volume of

- Solution Introduction

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 ▶ 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

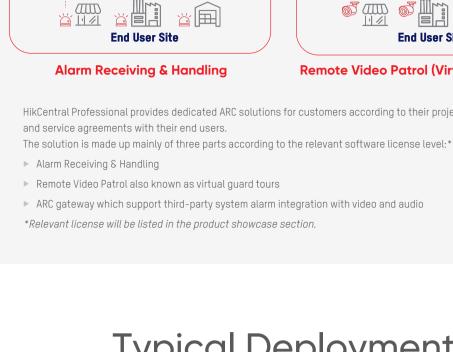
Assess whether operators observe standard

for better alarm handling?

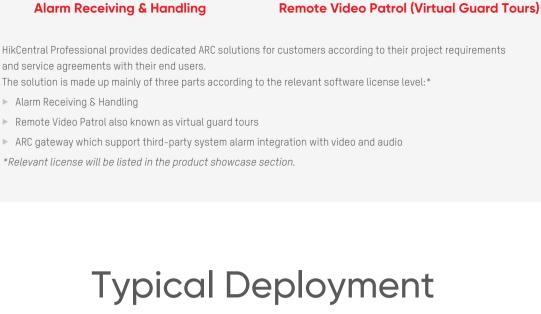
guard patrol procedures?

Alarm Receiving Centre Alarm Receiving Centre

Overview

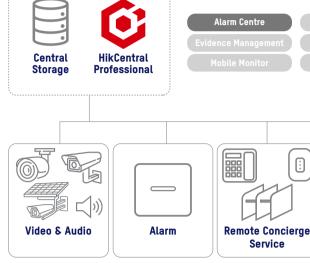


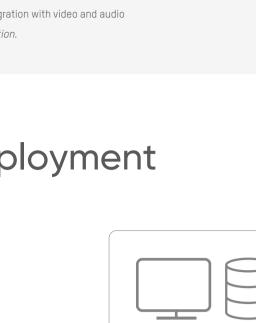
Arm Station



Typical Deployment Control Centre

HikCentral Client Video Wall











Device without static IP

There are several ways to add these devices on HikCentral,

▶ ISUP via 3G/4G mobile networks Domain name by DDNS ▶ LAN IP address

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

High bitrate local storage and self-defined low

Detecting the network status and adjusting the bitrate automatically to take full advantage of

Transcoding Playback:

bitrate remote playback.

Smooth Stream:

3rd Party ARC Platform

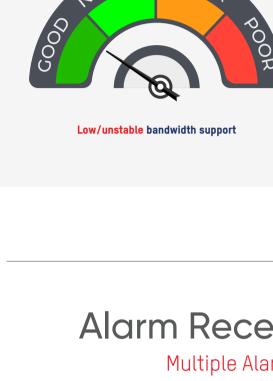




Floating IP

Parking

Management



trigger at different times.

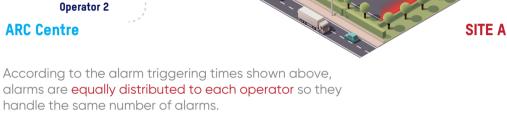
Average Distribution Mode

Site Mode

Operator 1



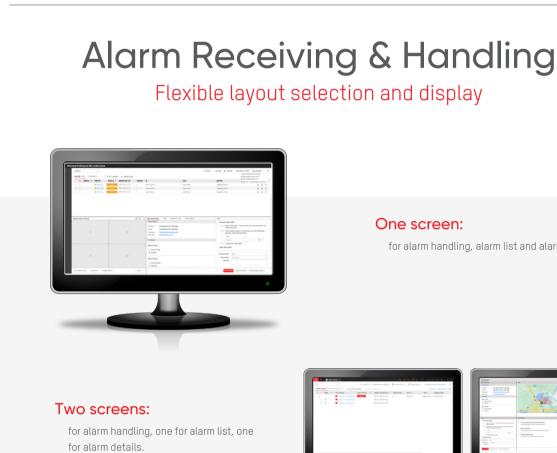
Triggered 10:20 am

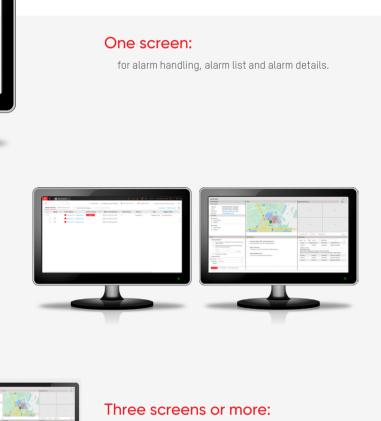


Triggered 10:15 am

Triggered 10:00 am





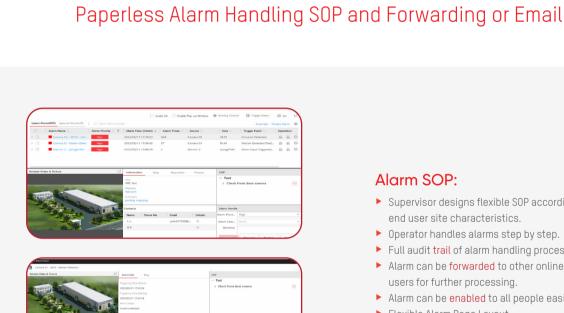


for alarm handling one for alarm list, one for

alarm details, one for video,... ...

Alarm SOP:

Alarm Receiving & Handling





Average Acknowledgement

▶ Shows the average time each operator spent

Different Alarm Type Report:

▶ Shows number of alarms by alarm type, such

as intrusion, line crossing, etc.

Dashboard:

Configuration:

to 3 years.

▶ Supports configuring site name, address, contact information and hyperlink of other system/CRM for operator viewing.

► Configurable: execute SOP Strictly or not. ► Patrol history/record for manager reviewing ► Customised record data retention period, up

▶ Standard Operating Procedures (SOP) for alarm

▶ Report shows total number of alarms sent to ARC during the last 7 days or 30 days. ▶ Also shows the top 5 alarm types which occurred today or during the last 7 or 30 days.

As well as the top 5 sites with alarms

triggered today or during the last 7 or 30 days.

Alarm Receiving & Handling

Alarm Analysis Overview

Remote Video Patrol

Customised Patrol SOP for Different Customers

Time Report

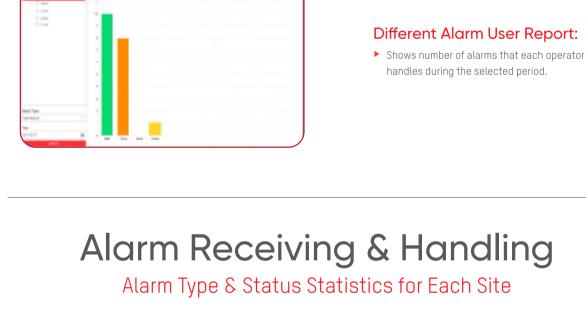
in handling an alarm.

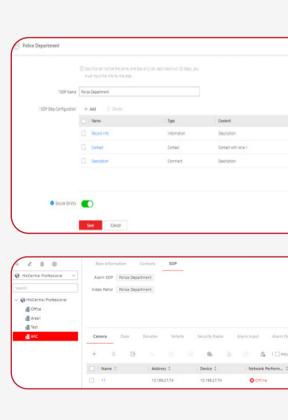
Supervisor designs flexible SOP according to

Alarm can be enabled to all people easily.

end user site characteristics. ▶ Operator handles alarms step by step. Full audit trail of alarm handling process. Alarm can be forwarded to other online

users for further processing.



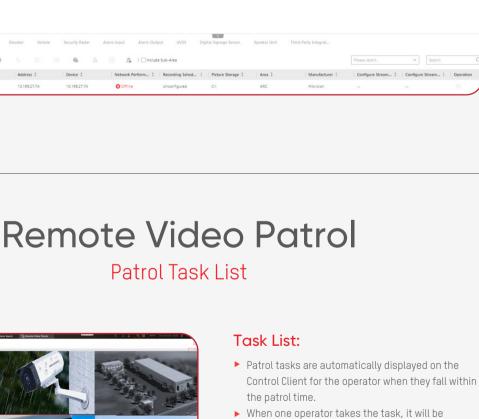


Alarm Type Ratio Report:

Unhandled etc.

▶ Shows ratio and number of alarms from a

specific site by category, such as True, False,



automatically locked and no one else can take it. ► After the task is completed, it is automatically

▶ Supports display of up to 2000 tasks in the list. ► Three ways to handle: Finish, Email, Suspend.

cleared from the task list.

Mandatory Mode:

▶ A progress bar is viewable at the top of the screen when the cursor hovers over an image, to indicate the current patrol status for each camera. Mark the patrol result for each camera by simply clicking green icon for Normal or red icon for

Support up to 64 cameras in one single patrol task

and show 4 cameras on one page.

and shows 4 camera on one page.

▶ Easily manage rich Hikvision devices and integrate

Zero-coding integration with different devices

Good compatibility for different device firmware

Video Plugin

HCP CS Client

video with third-party device alarms. ▶ Supports Standard Protocol and easily supports

Fusion of alarm and video.

3rd Party System

Third-party

Sweeping Mode: ▶ Minimum patrol time not required for each camera ▶ Finish button automatically turns to clickable only after all cameras have been viewed. In other words, operator must click the next page button and view all cameras if there are more than one page. ▶ Supports up to 64 cameras in one single patrol task

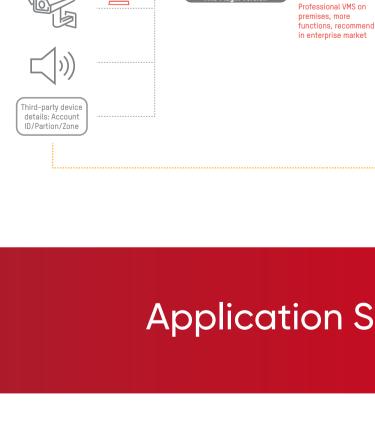
Gateway Solution Deployment

Remote Video Patrol

Task in Sweeping Mode

Remote Video Patrol

Task in Mandatory Mode



Dedicated Alarm & Video Monitoring Centres

Control Centres Run by Large End **Users for Local or National Organisations**

HikCentral Professional ARC Plugin Version

► Flexible, scalable, reliable and powerful central

► Supports live view, playback, access control, video

intercom, visitor management, vehicle entrance

and exit management, alarm management, personnel identification, BI dashboard, people

► Third Party system integration via OpenAPI or

▶ VSaaS plugin for alarm receiving and handling

Optimus, a middleware product from Hikvision.

► Remote Video Patrol plugin for virtual guard tour. ► Gateway plugin for third-party ARC software

(based on V2.2.0)

surveillance system.

counting report.

integration.





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.

operators.

LICENSE 1: HikCentral-P-ARC-VSaaS-Module

▶ Enhanced alarm centre with SOP, alarm reports, alarm

escalation, diverse alarm distribution modes to multiple

LICENSE 2: HikCentral-P-RemoteVideoPatrols-Module

For alarm receiving and handling scenarios.

Application Scenario

Local Authorities

Act as a gateway connection to third-party ARC via sending alarm message through SIA, Sur-Gard alarm protocol etc. 8 Video verification.

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

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