AI Intelligent Patrol System

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Cloud & Mobile Video Solution Provider

Living a safe and friendly environment is a critical key for urban development; however, the police who is constantly exposed to unknown risks has the duty of managing public security.

Functions of AI Intelligent Patrol System

Intelligent Patrol  Collaborative Defense

Highly mobile AI patrol by vehicle, scooter, and bodycam

Combined with advanced AI mobile face/license plate recognition technology and voice warnings, automatically identify high-risk targets to achieve online performances.

Emergency response (SOS) and round up suspects

When the emergency events occur, real-time on-site videos, GPS locations, and mutual communication can assist the command center in making rapid decisions and dispatching the police nearby to support.

Service Architecture of AI Intelligent Patrol System

Fully integrate law enforcement capabilities to achieve best mutual assistance results

Patrol Car

Patrol Scooter

Wearable Device

Rapid Deployment

Mobile AI Patrol system

- Mobile patrol and warning service
- Support service by command center
- Missions Report Service

Command Center

Frontline Police Officers

Criminal Investigation Personnel

Uniformed Police Application

Advanced AI mobile license plate recognition technology to achieve online performances.

Automatically identify the lost vehicles reported by the National Police Agency, and combined with voice warnings to achieve online performances.

Real-time announcements to obtain critical information.

When significant event occurs, real-time announcement messages can be set up, with automatically broadcast the content through voice to get important information.

Receive assigned tasks Perfect teamwork between criminal investigation and patrol duties.

It can set up the functions such as requesting assistance, checking, and arresting. Criminal personnel work closely with uniformed police officers.

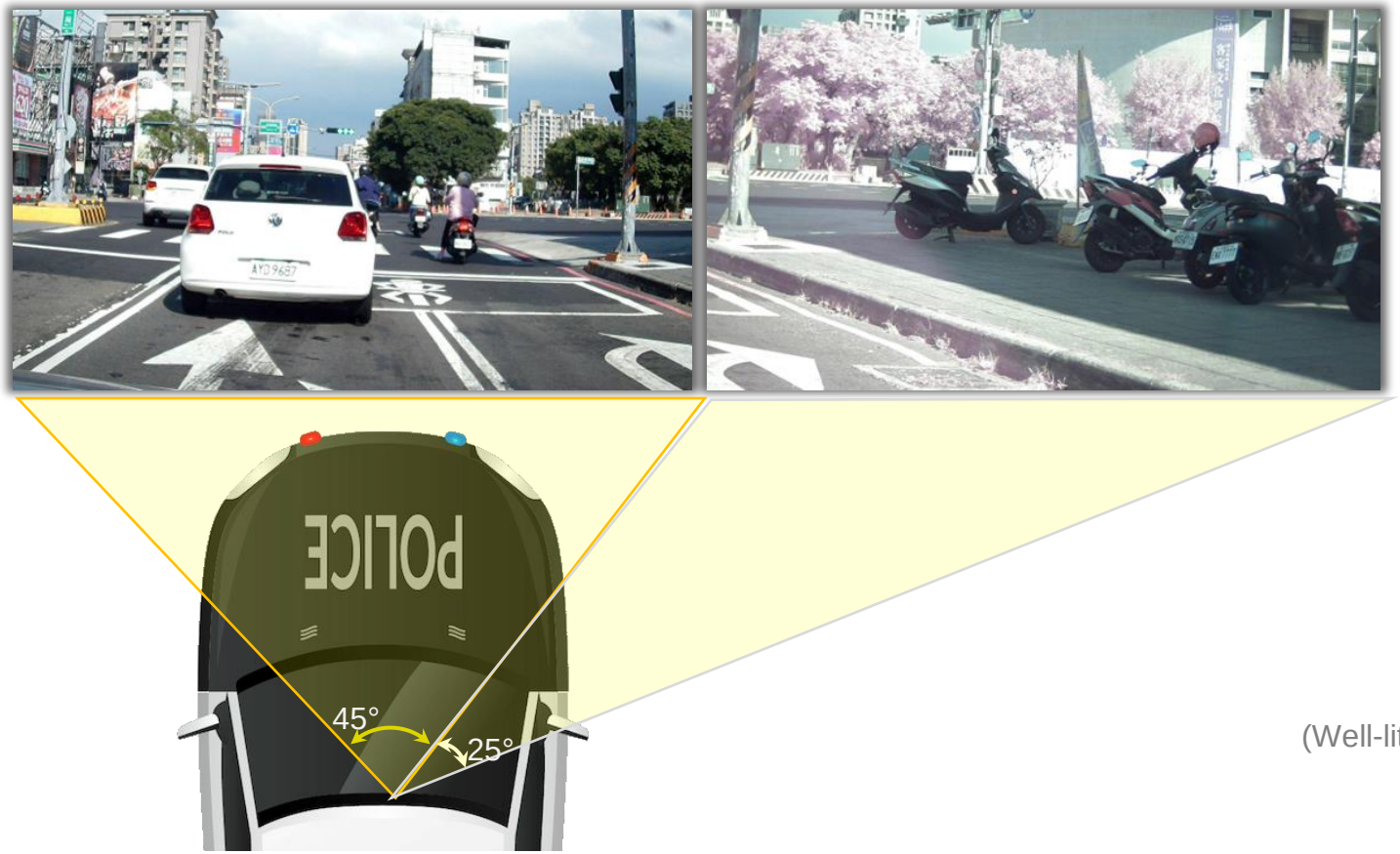
Emergency notifications can improve support efficiency.

With live video, real-time tracking, and group calling, allow the police force to complete the task immediately upon receiving round up notification or SOS emergency notification.

AI Intelligent Patrol Car

Equipped with dual cameras, covering multiple lanes in the front and parking area for vehicles on the right side. Whether it is a forward-moving vehicle or a vertically parked motorcycle, it can be all recognized.

▲ Front camera shooting angle (day)



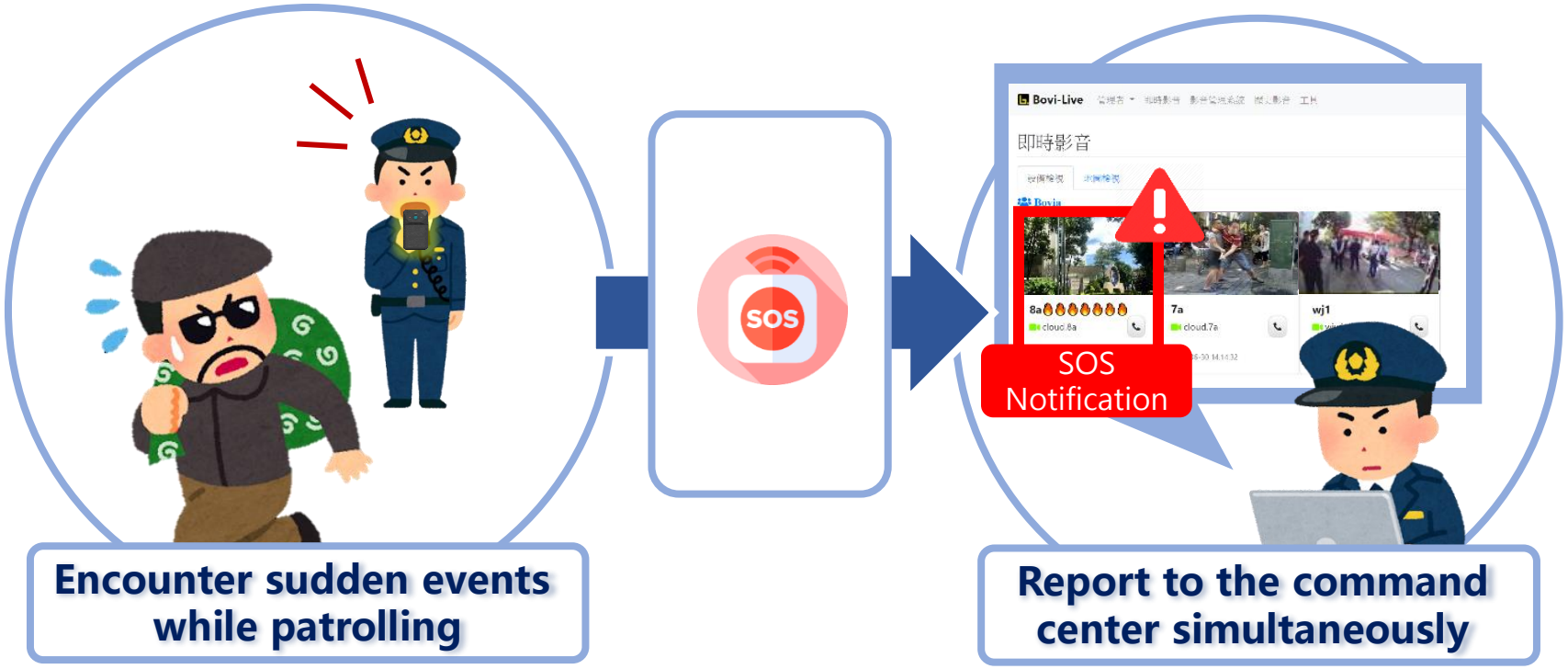
▲ Right camera shooting angle (day)

It can be applied to various scenarios such as vehicles shuttling back and forth at intersections, cars parked on the side of the road, and even densely packed motorcycle parking spaces.

Standard nighttime environment
(Well-lit roads with good visibility, and car headlights turned on)

▲ Right camera shooting angle (night)

Emergency Call



Encounter sudden events while patrolling

Report to the command center simultaneously

iPhone

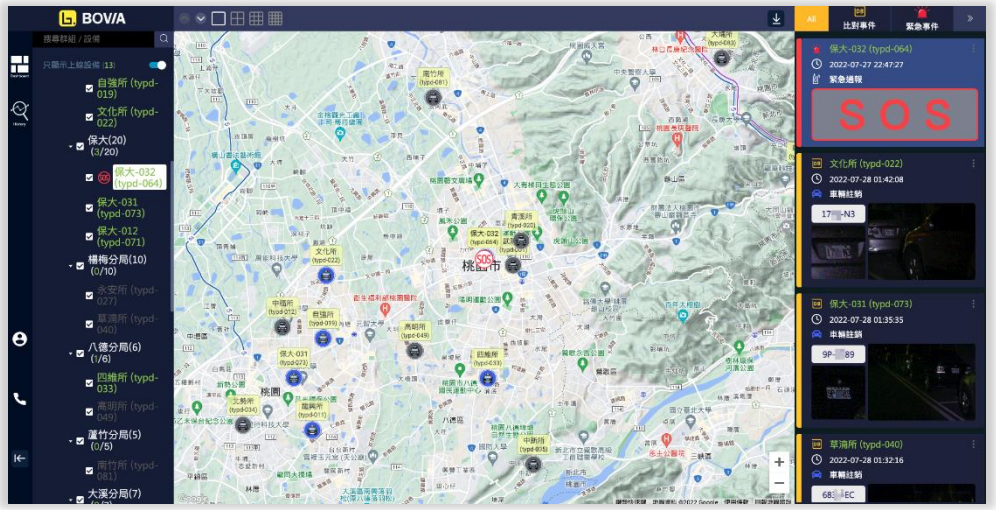
AI Bodycam

- Real-time Video and Local Recording
- License Plate Recognition
- Emergency Warning Notification
- GPS Location Recording and Track Playback
- Video and Audio Storage

Duty Command and Dispatch

Real-time video to control the situation on the spot

If emergency situation occurs during patrol, the command center can immediately monitor the on-site live streaming to facilitate the dispatch of police forces for support.



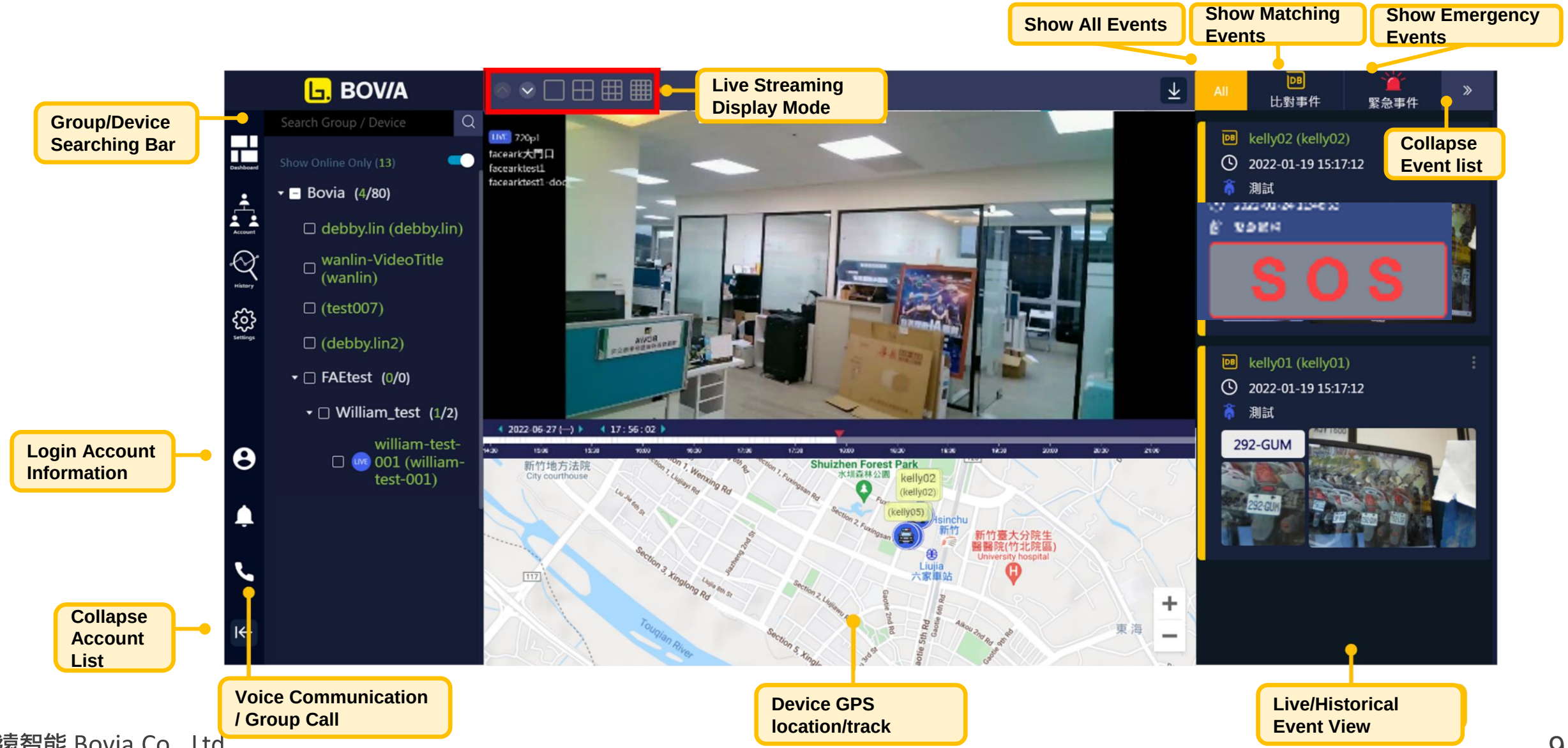
Patrol tracks to grasp police distribution

Referring to the patrol tracks, the allocation of patrol forces in the region can be grasped to facilitate the command and dispatch of police forces.

Announcement messages broadcasting

Significant event notifications will be immediately pushed to front-end devices by text messages, and the front-end devices will automatically broadcast the content through voice.

Back-End Management System



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Guarding the Security of Smart Cities by Using Mobile AI Technology