Elevating Phuket City Safety with Hundreds of Milesight Cameras

Location: Phuket, Thailand

Milesight | MIRASYS

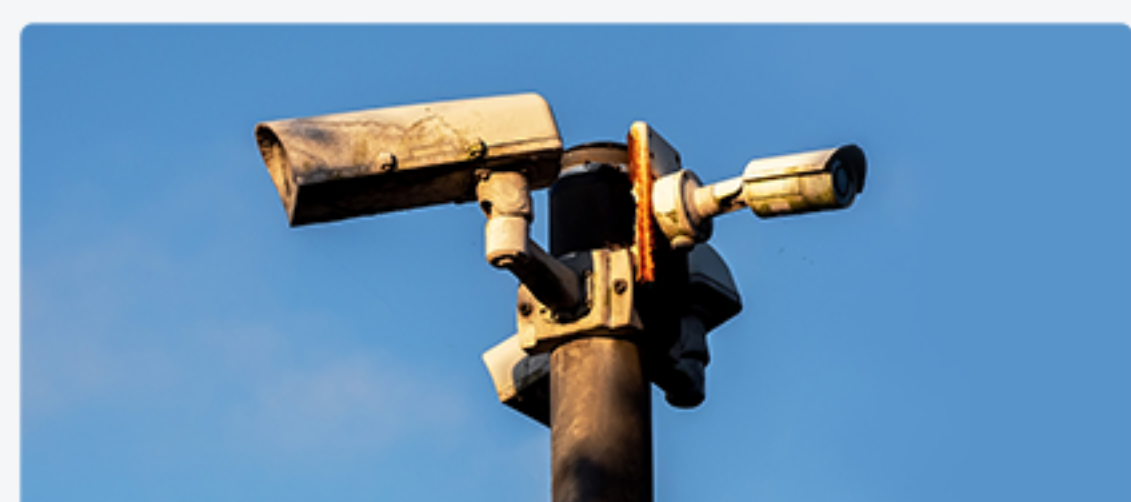| Technology Partner	Location	Industry Segment	Related Products
Mirasys	Phuket, Thailand	Smart City	8MP AI Motorized Pro Bullet Plus Camera
			Mirasys VMS

Background

Phuket is a critical tourism engine for Thailand, 97% of local GDP, with heavy motorcycle usage, large inflows of worldwide visitors, and a highly mixed population. To safeguard sustainable tourism, the government has prioritized the expansion of a high-end citywide CCTV network, while enabling reliable evidence, rapid search, and coordinated multi-agency control.

Challenges

▪ **Aging CCTV:** Low-resolution footage is difficult to meet forensic evidence and AI analytics needs.

▪ **Coverage gaps:** Complex tourist environments create blind spots and limited citywide visibility.

▪ **Weak traffic intelligence:** Limited tools for prevention and consistent enforcement.

▪ **Missing advanced analytics:** No attribute/feature search, blacklist watch, ANPR for cars & motorcycles, or helmet detection.

Solution

Milesight deployed hundreds of 4K motorized Pro Bullet cameras across Phuket's high-footfall areas, including parks, heritage streets, and residential area. Hundreds of Milesight cameras are unified on Mirasys VMS, delivering forensic-grade coverage, centralized management, and faster evidence investigation that supports sustainable tourism.

Unified Management with E-map

Deep Milesight & Mirasys compatibility enables seamless integration and future-proof expansion. Mirasys provides a live geo-map of each camera, operators click to open live preview or instant replay, improving coordination across police, transport, and city management.

End-to-end Intelligence (On-edge VCA 2.0)

High-accuracy detection of intrusion, loitering, line-cross, etc., filters noise so teams act on the events that truly matter, preventing risks from escalating in crowded tourist areas.
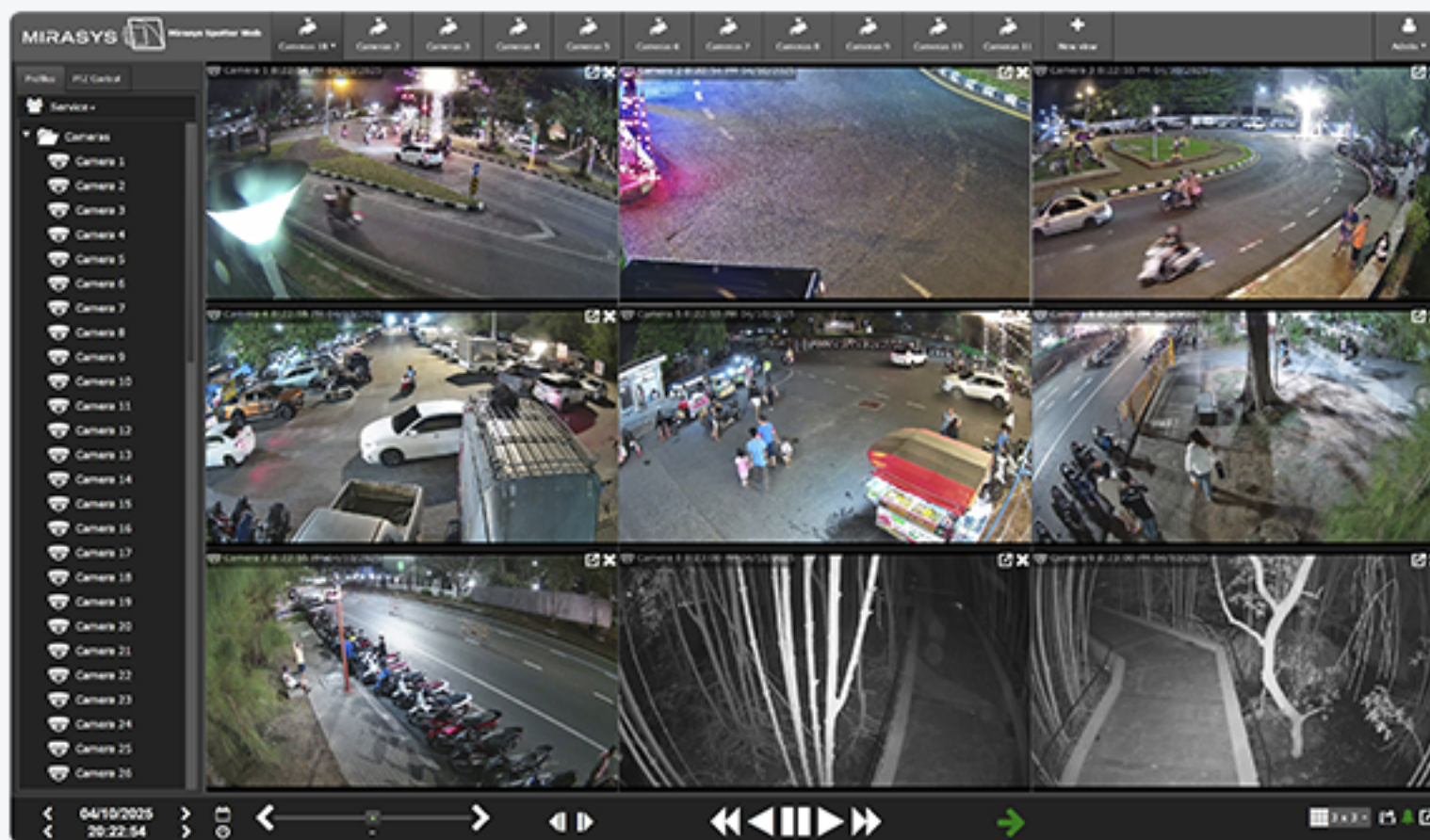
Traffic Enforcement Built for Busy Roads

ANPR for vehicles and motorcycles plus hard hat detection generates court-ready evidence for fair and consistent penalties. By identifying non-compliant riders and vehicles, the system helps trace persons of interest and streamline the enforcement.
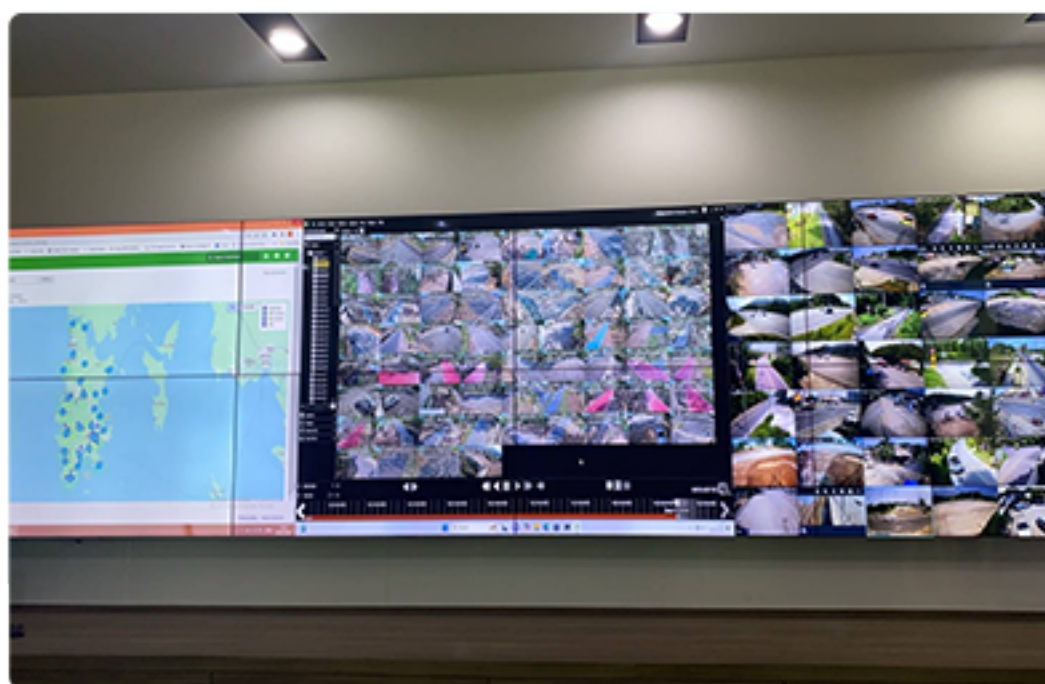
Citywide 4K Where It Matters

With WDR > 120dB, AI ISP and 4K sensor, Milesight cameras deliver forensic-grade clarity day and night in priority zones and boost the accuracy of back-end analytics, turning formerly blurry recordings into usable evidence that shortens investigations from hours to minutes.

Results

- Faster investigations: HD evidence and attribute-based/image-to-image search helped police quickly locate suspects in cases including illegal immigration, illegal employment, and so on.

- Effective traffic governance: Powered by clear plate image and back-end LPR, the system enable consistent penalties for visitor and traffic violations, strengthening overall traffic enforcement.

- Motorcycle safety : Together with hard hat detection and vehicle-management measures, analytics-driven monitoring achieved zero incident periods on key corridors.

- Citywide confidence: A data-driven, centrally managed CCTV system strengthens urban safety governance and supports sustainable tourism, enhancing the sense of security and well-being for residents and visitors.

Partner

About Mirasys

Mirasys, based in Helsinki, Finland, is a deep vision data company offering powerful VMS software for both small and large-scale installations. Mirasys provides a platform that enables users to extract actionable insights from new and legacy CCTV cameras and sensors-enhancing security, optimizing operations, and reducing the need for manual monitoring. With deployments in over 40 countries and more than one million connected cameras, Mirasys works closely with global distributors, integrators, and enterprise clients.

Milesight Technology Partner →