

Project reference : Hat Yai City Police,
Thailand

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Siqura B.V
Zuidelijk Halfroond 4, 2801 DD Gouda
The Netherlands
T +31 18 25 92 333
sales.nl@tkhsecurity.com
www.siqura.com

Siqura is part of TKH Security Solutions, a division of the TKH Group. TKH Security Solutions offers a wide range of systems for access control, surveillance, intrusion detection and video management.



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Project
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Hat Yai City Police, Thailand

Hat Yai used to be a just another sleepy town in Southeast Asia. But things are changing fast: in just a few years Hat Yai, located on the southern tip of Thailand, has evolved into a hive of economic activity. Though occasionally rocked by separatist violence, the city has proven a favourite with day-trippers from nearby Malaysia. To meet these new challenges Hat Yai city police decided to overhaul its video surveillance system and make the move from analogue to digital.



largest
metropolitan
area in southern
Thailand



191,696
inhabitants Hat Yai City

population Greater Hat Yai Area

800,000



3rd largest metropolitan area of the country

Customer

Hat Yai City Police (Thailand)

Systems integrators

Sanguan Panich Co. Ltd.

Distributor

Systronics Co. Ltd.

Technology

IP-based video network

Market

Government

Challenge

Implement a user-friendly CCTV system over IP suited for tropical conditions

Solution

Siqura's encoders, decoders, managed switches and video management software

The challenge

Siqura was asked to replace the existing analogue infrastructure of Hat Yai City Police with a scalable all-IP solution designed for traffic monitoring and city surveillance. Low latency and a high level of infrastructure security were key requirements, but the new solution also needed to perform well in Hat Yai's tropical conditions. Since the operators had only ever worked with analogue systems, expectations regarding usability were very high.

The solution

In close collaboration with local distributor Systronics, Siqura's regional office designed a state-of-the-art IP-based CCTV system. 36 high-speed analogue dome cameras placed at various T-junctions were connected to Siqura's PTZ-enabled S-60 E and S-64 E video encoders. Data streams now cross the city of Hat Yai over a single-mode fiber-optic Ethernet network based exclusively on Siqura's XSNet S4108SW managed switches with built-in SFP slots. Back at Hat Yai City Police control rooms, the incoming video streams are transferred to the central video walls and viewing clients.

Siqura met the customer's expectations through its excellent local knowledge and the user-friendly design of its products. The operators were pleased with the fully customisable layout of DIVA, the complete video management software suite Siqura is able to offer as part of TKH Security Solutions. DIVA stores all video and audio streams in a wide range of formats, while the mobile app allows operators to manage their DIVA system via their iPhone or iPad.