

Government // Video Monitoring

Traffic Control Center | Thailand

Chiang Mai is the largest city in Northern Thailand and has an increasing number of tourists each year.

The growth of crime and traffic accidents in the city has affected the economy and society as a whole. The Chiang Mai Municipality is planning to install a digital surveillance system on the main streets of the city by 2020 to monitor the public areas and ensure the safety of the public and its property.

Challenges

- The video captured from cameras in various locations need to be transmitted to the traffic control center for centralized and real-time monitoring.
- They need to display clear images with fine detail captured by 5-megapixel cameras to be shown on a large video wall for analyzing events.
- The Chiang Mai Municipality is looking for a cost-effective video wall monitoring solution for this project.

Solutions

16x16 Modular Matrix Switch
(VM1600) * 12

HDMI Input / Output Boards
(VM7804 / VM8804) * 36

2-Port 4K HDMI Splitter
(VS182A) * 108

HDMI Extender
(VE800A) * 108

Benefits

- The ATEN modular matrix switch can be perfectly integrated with the surveillance system to provide centralized management of the video from various cameras in different locations to help the officers take immediate and corrective action when a crime or traffic incident occurs.
- Using the surveillance system for recording and crime detection will reduce the crime rate and increase the efficiency and performance of street monitoring and help Thailand build safer cities.
- ATEN provides a cost-effective solution which helps the Municipality maximize the performance of the surveillance system with limited budget.

Connection Diagram

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