

Case Study

Taiwan's Largest Semiconductor Manufacturer



With continuously advancing technologies and a large number of facilities, Taiwan's largest semiconductor manufacturer required stringent security. There was a need not just for continual video surveillance, but also multiple video analysis applications, such as license plate recognition for all vehicles going in and out of its facilities, a digital fence, and alarm management. Unhappy with its existing video management system (VMS), it turned to Symphony™ VMS from Senstar (formerly Aimetis).

Recognizing these needs, Senstar and its partner, Zero One Technology, built a comprehensive network video surveillance system. With Symphony, the manufacturer now has a single IP video platform for its video management, video analytics, system integration, and alarm management. The project has grown, with more than 3700 cameras being run on three server farms.

"One of the most important factors for this organization was scalability," said Jockey Wang, Sales Director at Yu Shen Wang Cheng Technology Ltd. "Their manufacturing facilities are extensive, and continually growing. They needed to know that their new VMS would grow with them. Aimetis Symphony has certainly proven to do that."

Customer Profile

This multinational organization is the first and largest dedicated silicon foundry in the world. It is headquartered in the Hsinchu Science Park, Taiwan, and has account management and engineering service offices in China, Europe, India, Japan, North America, and South Korea.

Automatic License Plate Recognition™ (ALPR) was configured directly inside the Symphony user interface, allowing the company to detect and index license plates. “They were drawn to Symphony because of the built-in analytics, something that was missing from their previous VMS,” said Wang. “They needed the ability to track every vehicle entering and exiting their facilities and be confident that they were getting accurate and reliable results. They have received that with Aimetis Automatic License Plate Recognition.”

“Symphony™ has given this organization a reliable platform for video surveillance and video analysis.”

Jockey Wang, Sales Director
Yu Shen Wang Cheng Technology Ltd.

Since deployment of the project, this multinational organization has enjoyed the convenience of a unified video management system. Symphony's simple structure, user friendly interface, and reliable reporting have resulted in greater productivity and a decrease in labour. The search function in Symphony saves the organization time by easily pinpointing security incidents. Symphony has provided them with a stable, easy-to-use system. Even with a project of this size, the system continues to run smoothly and produce reliable results.

Technology

- 3764 Symphony™ Professional and Enterprise Licenses
- Three server farms; one with 3091 cameras
- Senstar Automatic License Plate Recognition™
- Senstar VE180 Analytics™

Challenges

- Needed one platform to manage its video security and analytics needs
- Licence plate recognition was required for monitoring all vehicles entering and exiting their facilities
- A scalable platform was necessary to handle the magnitude of the project

Outcome

- Symphony provided a reliable, all-in-one system for the company's video security needs
- Automatic License Plate Recognition reduced the labor involved in monitoring vehicles entering and exiting the premises