Wisenet X, recording vehicle movement with in and out time at the new hub of IG Logistic's

· Customer : IG Logistics
· Location : Singapore
· Vertical : ETC

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"We could fully utilize the Wisenet X cameras as a resource combining with ANPR for perfect vehicle monitoring at site, and Wisenet NVR made it perfectly easy for searching and managing huge data where massive operation is performed everyday"

- A Source at IG Logistics

Challenge

IG Logistics is an integrated logistics solutions provider which is registered since Aug 2013, and is one of the leading companies accredited by Singapore Logistic Association. They offer Vessel Feedering, Marine Logistics, Global Forwarding, Automotive logistic, Land Transportation and also Warehousing and Consolidation.

IG logistics recently built a new logistics hub in Tuas, Singapore where most of container depots are near by. The hub consists of 15,000Sqf office space, 20,000 Sqf open space and 25,000Sqf covered warehouse. Inside the hub, its administrative building will house the operation room which will oversee all the valuable assets of IG logistics' and customers' including vessels, transports fleets and containers. The operation room's primary requirement was obtaining a vehicle monitoring system for site monitoring. The system should record vehicle movement with in and out time information and be easy searching for the exact data whatever they seek for whenever they want to.

Solution

IG Logistics looked for a surveillance system that could not only protect assets and secure safety but also enhance operational control. Thus the system must be flexible, robust, and reliable. Because Wisenet has been well recognized in the market as a reliable and powerful product, Wisenet X series has been chosen for the project as well as other line up products and Wisenet NVR. Firstly, the X series were installed at where vehicles are passing through for entering and exiting the site. Integrated with Arteco's ANPR(Automatic Number Plate Recognition) S/W, the camera fully

provided the vehicle movement information along with the in and out time, and made it easy for customers to search particular data based on captured license plate information. Secondly, they were installed at the loading and unloading areas because its powerful 150dB WDR compensated the lighting between inside and outside containers, providing clear video image.

Also, Wisenet NVR's automatic failover feature allowed system servers to automatically recover by supporting the secondary system fill in for the primary system in case the primary system is interrupted due to malfunctioning or regular maintenance. This will ensure that no data missing and omission occurs 24/7. Its powerful high resolution video compression technology WiseStream II helped saving cost by allowing efficient video storage control. Lastly, knowing that the Wisenet NVR is Linuxs based, and Linuxs tends to be safer from virus or Trojan attacks, IG Logistics satisfied more with its reliability.

Result

"The greatest benefit we had by choosing Wisenet X was that we could fully utilize the cameras as a resource combining with ANPR(Automatic Number Plate Recognition) for perfect vehicle monitoring at site, and Wisenet NVR made it perfectly easy for searching and managing huge data where massive operation is performed everyday," said an IG Logistics source at the logistics hub in Tuas. Now, IG Logistics has a complete vehicle monitoring system through Hanwha Techwin Wisenet which supports reliable recording, searching, and storing.

Hanwha Techwin