Overview : TAIWAN SECOM CO., LTD

Taiwan Secom Co Ltd is the leading provider of security services in Taiwan, offering a wide range of security services, from home security to safety management systems for large-scale facilities and also provides security system consulting, designing, engineering, and integration services. Since the COVID-19 outbreak, Taiwan Secom has used and deployed thermal imager system to screen for employees and visitors with an elevated body temperature which one of the key symptoms of COVID-19.

CHALLENGES

The thermal imager are used at each entrance of the floors in the SECOM building.   There are total 8 floors in the building and each office has its existing 4 surveillance cameras.   The thermal imager systeam not only screen people body tempeture but also show the people flow information as company's access control on the screen.   Taiwan Secom company is seeking possible integration with its exisitng surveillance system and access control system to reduce the number of PCs, and screens to cost down.
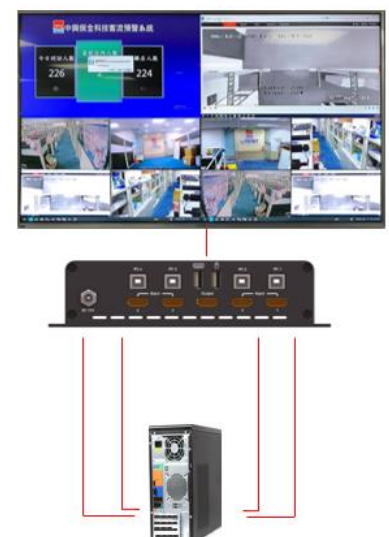

- A thermal imager system requires a PC, a TV screen and an IP CAM means, so at least total 8 thermal systems needed in the building and needs to cost down.
- To integrate with existing office surveillance system
- Office space is narrow with not much space to set up the thermal imager system
- Needs to integrate with its access control system

SOLUTION

aegis'4KVIEWER-KVM-4 model transmits 4 HDMI input sources to 1 HDMI output display.   It allows the user to connect and control up to 4 AV or 4 PCs via a single set of keyboard and mouse.

In order to minimize the thermal imager system and number of devices as well as the costs, the Taiwan Secom has evaluated many options and decided to deploy aegis' 4KVIWER-KVM-4 Quad Viewer which easy to install and operate.   The Taiwan Secom deployed aegis' 4KVIEWER-KVM-4 in between a 50 inch 4K TV and a computer which add a display cards that provides 4 HDMI outputs.

Use a network switch to connect all the IP CAMs, thermal imagers and the computer.   The visuals of thermal imager and IP CAMs are transmitted to

4KVIEWER-KVM-4 via HDMI cables as input sources and just need one HDMI cable connect to a 50 inch 4K TV as output display.   In this solution, the number of TVs used has reduced from 4 to 1 as well as the computer quantity.   The use of 4KVIWER-KVM-4 has greatly lower the costs in the system.

BENEFITS

- **Cost Effective** – The 4KVIEWER-KVM-4 allows to display and manage up to 4 AV sources on 1 display screen and that saves buying multiple screens.   Moreover, instead of using 4 computers for each IP CAM and thermal imager, they now need only 1 computer adding a display card that provides 4 HDMI output ports which connect to the inputs of 4KVIWER-KVM-4.   By deploying aegis' 4KVIEWER-KVM-4, Taiwan Secom has saved a great deal of cost and office space.

- **Flexibility of Display** –The 4KVIWER-KVM-4 provides preset and free style modes that allow users to drag, resize and reposition the images.   Taiwan Secom can enlarge or reduce the image size as they want and save the setting.

- **Simple Installation** – The 4KVIEWER-KVM-4 features KVM function that allows a set of keyboard mouse to control and manage up to 4 PCs.   No installation routines, no software configuration needed.

- **Easy Maintenance** – Since the number of devices in the system have reduced, the scale of maintenance therefore become easier for the staff.