

# Sunrex Technology Removes Network Security Bottlenecks in Information Security with Progress Flowmon

## CASE STUDY



**INDUSTRY**  
Technology & Software

**PRODUCT**  
Progress Flowmon

**SUMMARY**  
Sunrex Technology is the largest keyboard supplier for notebook computers in Taiwan and third in the world, with a global market share of over 30%. Expanding its business locations to all over China and Taiwan, information security incidents occurred more often, affecting the supply chain and manufacturing processes. The IT department lacked the ability to see the incidents and the information security management of each manufacturing facility was independent of the main headquarters. After deploying Progress® Flowmon® as a singular visualization platform, the IT department gains Sunrex's network data and closes the gaps between offices and manufacturing warehouses.

**“We often encountered the following problem with the analysis of information security in various places, as factories only rely on firewalls and anti-virus software, but there is a risk of not being able to find hidden information security concerns.”**

**Lin Hongjie,**  
Deputy Manager, Sunrex  
Technology

## Challenge

Since 1991, Sunrex Technology has been a global leader in the computer part manufacturing space. The company specializes in creating keyboards for notebooks and is one of this part's top three international suppliers.

Sunrex's primary assembly plant is in China; its distributors are all over Asia, Europe and North America. As the business expanded across the globe, with molding plants and design centers being placed in China and Taiwan, Sunrex required a malleable information security system to provide the best possible network architecture to efficiently allocate network resources. However, Sunrex began to experience issues with its information security systems. Notably, cyberattacks against supply chain management companies were becoming commonplace. And Sunrex was no exception.

For example, many of the factories putting together the keyboards and components relied on basic firewalls and anti-virus software for their networks. They were not equipped with the ability to find under-the-radar threats, similar to the ones attacking various supply chain companies. Additionally, the employee intranet was not protected with proper security measures and did not have any analysis tools for the Sunrex's IT team. Lastly, the networks of all the factories, distribution warehouses and office buildings were acting independently from the Chinese office's network.

“We often encountered this problem with the analysis of information security in various places,” said Lin Hongjie, Information Security Deputy Manager, Sunrex Technology. “As factories only rely on firewalls and anti-virus software, but there is a risk of not being able to find hidden information security concerns.”

Seeking to maintain their growth, but also combat these ongoing attacks, Hongjie and team wanted to deploy a singular solution from Sunrex's main headquarters in Taiwan, to visualize its large network and solve the many ongoing security issues at hand. But, Honjie needed to find a solution quickly.

**“With Flowmon’s analysis, you can grasp potential information security loopholes or abnormal behaviors and reduce operational risks. The single platform provided by the Flowmon solution breaks the information gap between factories and offices, allowing all information security information of each factory office to be inspected in real time, and can also fully grasp whether there is suspicious behavior in the intranet connection, and can confirm internal services.”**

**Lin Hongjie,**  
Deputy Manager, Sunrex Technology

## Solution

After careful consideration, Sunrex eventually chose Progress® Flowmon®. The computer part manufacturer took note of network visualization integration capabilities, network behavior analysis and data collection techniques, among other features.

Hongjie concluded the most essential feature of Flowmon to deploy is its network traffic visualization capabilities. Utilizing Flowmon Probe, the entire network is given a full view. Since Sunrex has such a large, distributed network, this proved to be incredibly helpful and enabled the IT team to fill in the gaps in-between the offices, warehouses and other buildings.

Additionally, the team is using Flowmon Collectors and Flowmon ADS, with each of these tools helping with analysis and collecting statistics with users. Abnormal network activity can occur anywhere. With these tools, Sunrex can detect anomalies and then, send each back to the main office and efficiently present them for analysis.

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## Results

Finally with a singular solution for its network traffic, Sunrex is experiencing an improved data flow between each of its locations. The information flowing between the offices, warehouses and distribution centers across the world is being directly analyzed and observed. In doing so, Hongjie and team can detect and solve any abnormal network issues efficiently and without hesitation. This also goes for the employee intranet, which is finally equipped with a solid network analysis tool.

Sunrex’s growth opportunities are now fully aligned with a network data traffic monitoring solution. With this association in mind, Honjie feels more assured than ever when the next supply chain, or even general, security network issue begins to affect the computer part manufacturer.

## About Sunrex Technology (aka Jingyuan Computer)

Sunrex Technology manufactures and distributes communication peripherals. The company produces computer keyboards, phone keypads, numeric keys, and other related products.

[www.sunrex.com.tw](http://www.sunrex.com.tw)



**Provide specialized network statistics** and collection, visualization with Progress Flowmon and never overlook under-the-radar and abnormal security data traffic.