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Maximize uptime. Develop insights. Provide answers.

Success Stories

Ameco / Beijing
北京飞机维修工程有限公司
Aircraft Maintenance and Engineering Corporation

Aircraft Maintenance and Engineering Corporation (Ameco)
Effortless IT Monitoring by Utilizing Multiple Topology View

BACKGROUND

NetGain Systems successfully implemented its IT monitoring and Security management solutions for Aircraft Maintenance and Engineering Corporation (Ameco), a well-known aviation maintenance company in China. Being a leading enterprise in the China aviation industry, Ameco has a high benchmarking when engaging solution providers. They expect professional and excellent services.

Due to the increasing demand for their services in the market, Ameco has taken a long-term expansion strategy by establishing new business units and executing on their digitalization plan. To support their rapid business growth, Ameco needs an IT monitoring and Security management solution that is customizable to cater to their specific requirements. In addition, Ameco has many internal departments, a massive number of network devices and a wide geographic area to monitor.

To address these challenging conditions, it requires a high-performance unified IT observability platform, this is when they turned to NetGain Systems to solve their pain points.

SOLUTIONS HIGHLIGHT

Using NetGain Systems' IT Monitoring and Security Management solution, Ameco's IT engineers are now able to have a unified view of their numerous network devices by having a single display of multiple network topology allowing them to do real-time monitoring of each subnet. By configuring the location of each wireless AP using the built-in logical view, our solution also allowed them to accurately display the status of each node on the network and the data flow between them.

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CHALLENGE

- Ameco's server room and network devices were numerous and scattered. It was necessary to provide visual monitoring of network devices while satisfying basic monitoring and supporting the display of network topology diagrams of different subnets, to achieve a unified view of network devices through real-time monitoring.

- Due to managing wide area of multiple real estates, they have high requirements for their wireless network coverage. An intuitive way was needed to view the operating status of each wireless AP, so that operation and maintenance personnel could understand the status of each node in the wireless network and ensure high availability of the network.

SOLUTION

- Through the collected network information, the network devices were divided into multiple subnets according to levels and regions, and the network topology was automatically discovered. The network topology of different networks was displayed in an exquisite two-dimensional view, realizing real-time monitoring of each subnet.

- Using NetGain Systems' built-in logical view to configure the location of each wireless AP (including building number, floor level, and specific location information), it accurately displayed the status of each node on the map and reflected the user's current node status and alarms through coloured warnings. It also supported the display of the data flow between nodes through the network to achieve accurate and timely wireless visual monitoring.

CUSTOMER'S FEEDBACK:

"NetGain Systems responded quickly during the deployment and implementation phase. When issues arise, they provided prompt on-site and remote support and valuable advices to solving the issues. Thank you NetGain team."

– Architecture Operation and Maintenance Manager, Ameco