

NetGain

systems.....

Maximize uptime. Develop insights. Provide answers.

Success Stories



SDIC Power Holdings Co., Ltd

Keeping the Lights on in Tianjin, China

Background

SDIC Power Holdings Co., Ltd is involved in the construction, operation and management of energy projects focusing on power generation in China. One of these is the Tianjin Power Plant which supplies electricity to the Beijing-Tianjin-Hebei region. The power plant houses 1,000MW generators and a desalination plant with a daily output of 500,000 tonnes.

With its business growing annually, Tianjin Power Plant had been increasing its IT and networking equipment to handle the growing business volume and were urgently seeking a centralized management platform for real-time network monitoring. They were looking to innovate and wanted a flexible and expandable centralized management platform that could keep the pace with the company's growth and development.

Solution Highlights

With the deployment of NetGain Enterprise Manager (EM), Tianjin Power Plant was able to monitor and manage its IT and network system status, as well as IoT devices such as UPS, air conditioning and environmental sensors, from a single pane of glass.

Their engineers now have a convenient tool to help them in their work, allowing them to be more efficient in their daily operations.

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Challenges

- Needed to ensure the uninterrupted operations of the complex IT and networking environment of its office buildings, desulfurization buildings, chemical buildings and other server rooms
- Needed the entire network to be monitored in real time, and ensure connectivity of the server room is maintained at 100% at all times
- Needed to monitor IoT devices including UPS, air conditioning systems and sensors within the computer room
- Needed to ensure that new IT devices and systems that get added every year can be integrated into the monitoring system

Solution

By deploying NetGain Enterprise Manager (EM), Tianjin Power Plant was able to holistically monitor its entire IT infrastructure from a single point, using SNMP, SYSLOG, and other program data and service interfaces

By generating topology maps for its server rooms and key areas, it could view the equipment status and pay special attention to all key locations in the plant.

By developing a customized script, it integrated the monitoring of its UPS, air conditioning systems and sensors in the computer room into NetGain EM, allowing it to view equipment status as well as the temperature, humidity and the effects of people in the computer room in order to maintain a stable environment

With NetGain EM, Tianjin Power Plant could easily add new IT devices to be monitored while keeping track of changes to its IT configuration

Customer Feedback

“NetGain Enterprise Manager has made it very convenient for us to keep track of what’s happening to our computer room and network 24/7, and to avoid security issues. I am happy to recommend NetGain to my colleagues.”

Tianjin Power Plant

- Director of Information Center, SDIC

