

NETWORKWORLD ASIA

ASIA'S SOURCE FOR ENTERPRISE NETWORK KNOWLEDGE

Volume 5 • Issue 4 • Aug / Sept 2009

HK\$45 S\$8

Cost-efficient 24x7 real-time monitoring and reporting

To support growing demand, Texas Instruments (TI) decided to expand its business in Baguio City, a mountainous province eight hours north of Manila by road in the Philippines. TI constructed a large manufacturing facility intended for assembling and testing chips for computers, aerospace, telecommunications and automotive applications.

The critical nature of the operation to TI's supply chain, as well as the sensitivity of the equipment deployed, means it was crucial to be able to directly and remotely monitor the site.

The solution

The company sought the expertise of Emerson Network Power to address the power, cooling and monitoring issues of their manufacturing facility. Emerson addressed the challenge by providing 24x7 same-day response-time services, as well as a battery monitoring solution that helped improve management and reliability of the customer's power protection system.

To keep up with the increased heat emitted by these manu-

facturing systems, Emerson customized the cooling system's capacity and performance to ensure close tolerance control of temperature and humidity levels within the facility.

A customized solution tailored to TI's requirement comprised of Liebert Uninterrupted Power Systems, Liebert Precision Cooling Systems, Alber battery monitoring, and proactive maintenance checks and dedicated same-day emergency response service.

The benefits

These solutions enabled TI to focus on core manufacturing issues without concern for power quality issues. Furthermore, it was able to reduce its energy consumption, save on repair costs on wear-and-tear of equipment caused by insufficient cooling and uneven distribution and/or power fluctuations. It also saved on maintenance costs that required manpower for daily monitoring on the actual site. This solution helped improved production efficiency with positive impact on the bottom line.