



New "medi-care" high-end healthcare enabled by Delta's building automation solution

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A key project of the Jiangsu Province, Changzhou Maoshan Jiangnan Hospital is a new institution that has incorporated medical treatment with healthcare services. This hospital has chosen Delta's LOYTEC for its health and smart building management solution, and Delta strives to realize smart management to enhance its operations and maintenance efficiency.



Delta's LOYTEC has assisted Jiangnan Hospital to build a healthy and comfortable environment

Delta's LOYTEC building management and control system adopts a comprehensive IP-based IoT (the Internet of Things) management platform. It is compatible with various building communication protocols, and facilitates the access of various subsystems. For this project, the system adopts unified platform management for large-scale electronics and machinery including cooling and heating systems, heating ventilation and air conditioning systems, air purification systems, water supply and drainage systems, and elevator systems. Uninterrupted 24/7 operations are ensured through instant surveillance over the status and operating parameters of each equipment. In addition, to meet the hospital's environmental protection needs, data is provided to the hospital's overall energy-saving strategies to help it optimize energy use and to reduce energy consumption. The open framework allows seamless connections with the management systems of the hospital's vendors, thereby facilitating smart management and maintenance and enhancing operational efficiency.

The Changzhou Maoshan Jiangnan Hospital has set up five centers, including Internal Medicine and Health Center, Surgery and Rehabilitation Center, Anti-Aging Beauty Center, Physical Examination Center, and Outpatient Center. The five centers all have distinctive environmental needs. Hence, Delta's LOYTEC building management system has set up separate control models for each section, allowing managers to adopt management and control measures as needed. At the same time, smart, energy-saving algorithms have been built into each section to realize automated energy management.

One of Delta's LOYTEC smart building solution's key features aimed to satisfy customer needs is its ability to integrate separate, individual systems on one uniform platform while retaining the unique settings of each system. This is particularly suitable for settings with more rigorous environmental requirements, such as the case with Changzhou Maoshan Jiangnan Hospital. As China continues to develop its senior healthcare industry, senior communities that integrate residence, healthcare and living functions will be more widely accepted by more governments. Delta will also strive to provide more smart solutions for the senior healthcare industry and to help the government's industry goal for "providing care and comfort to the elderly".