China Life Data Center

Honeywell Comprehensive Management System Improves the Security and Energy Efficiency of the Data Center

Honeywell uses its industry-leading intelligent building automation systems and integrated management software to provide a comprehensive set of solutions for the China Life Insurance Company to achieve a comfortable, secure and convenient, modern intelligent building.
The China Life Data Center, located in Shanghai Zhangjiang Bank Card Industry Park, covers an area of 128k sqm. The multi-function complex contains several different areas including a workplace management center and production/operation monitoring areas that are linked together via corridors that allow occupants to seamlessly travel between the different locations.

China Life Data Center, upon completion, will be responsible for the operation, monitoring, maintenance and management of all systems in the China Life Insurance Company, the largest insurance company in China. Thus, the customer requires a secure, convenient and intelligent complex. To achieve this, the customer required user-friendly, energy efficient and intelligent ELV systems to help their managers optimize business outcomes, while simultaneously ensuring the comfort and safety of their customers.

Honeywell Building Solutions utilized a full range of integrated solutions to meet the customer’s needs:

- Building Automation Systems (BAS) that employ a three-layer network: management, control, and field layer. Also included the use of 307 CP-VAV field controllers to manage the system
- Honeywell Enterprise Building Integration (EBI) automatically controls HVAC equipments according to personnel access, and adjust supply/return air temperature according to indoor/outdoor temperatures, humidity levels and airflow
- Video surveillance systems with 245 cameras, access control systems with 387 points, “smart card” systems and electronic patrol systems monitor and manage the data center. Easy-to-use graphical displays show the status of critical areas
- Indoor and outdoor perimeter anti-theft alarm systems, using 35 infrared detectors and electronic fences, form 20 protective zones. Security systems collect data and sound an alarm over the integrated network in the event of a dangerous situation

We are happy to cooperate with Honeywell, whose one-stop intelligent building solutions and excellent services help support China Life Data Center to create a safe, comfortable, and energy efficient working environment.

——Mr. Shen,
Director of Infrastructure Department,
China Life Insurance Company

Find Out More
To learn more about Honeywell Building Solutions, visit www.honeywell.com/buildingsolutions

Honeywell Building Solutions helps customers address their building’s operational efficiency needs with integrated technology solutions based on Open System Protocols. With proven global expertise and local delivery capabilities, Honeywell work directly with customers to tailor the best of industry-standard solutions to cover the lifecycle of their facilities. We are building a world that’s safer and more secure, more comfortable and energy efficient, more innovative and productive. We are Honeywell.