HOTEL INTELLIGENT BUILDING MANAGEMENT SYSTEM

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Integrating various building management systems creates an intelligent Building Management System, which helps hotels improve guest, staff, and visitor safety; protect hotel property; lower operating costs through energy efficiency; and improve guest delight.

Implementation of the Intelligent Management System will provide the following competitive advantages of the hotel:

1. Increase guest satisfaction and loyalty with consistent satisfaction.
2. Reduce carbon footprint and lower operating costs as energy prices continue to rise.
3. Manage modern buildings' technology and regulations.
4. Protect guests with non-intrusive security measures.
5. Secure brand and reputation around the globe.

Intelligent Management System secures further control for the following procedures and tasks:

1. Illumination of the function rooms, restaurants, facades of the buildings.
2. Comprehensive all-in-one-box solution for the hotel rooms to manage room light, conditioner, room access, and automatic curtains and media system.
3. Wallpaper music in the restaurants, audio multi-room for the different hotel premises.
4. All types of media-systems for video distribution.

Therefore Intelligent Management System provides complete automation of the hotel room. Intelligent hotel room is equipped with the following devices: magnetic key holder, bedside unit installed to operate air quality system (conditioner), motorized curtains/louvers, audio-video systems and to change the display image icons of the doorbell staying in bed.

Energy supply management module of the room will switch off all the electric devices when the guest leaves the room. This will save electricity by turning off unnecessarily working electric means.

Thus, having studied the issue of the Intelligent Management System the following conclusion for the advantages of the one may be drawn:

•Saves up to 30% on operating expenses by reducing energy usage and ongoing life cycle costs;
•Improves guest delight with intelligent and convenient guest rooms;
•Improves guest safety with integrated security solutions.

KEY WORDS: hotel, intelligent building, automation.