



## Successful Application of Crestron's Solutions In The Westin Tianjin, China



Rising above the lively historic and commercial areas of the city, The Westin Tianjin is nestled among the city's famed concession area of colony, renowned for their unique architecture and enchanting streets. The Westin Tianjin features 275 light-filled and spacious guest rooms with latest technology and a fully integrated Crestron solution for lighting which helps to modernize the hotel and enhance the ambiance to lift guests' mood.

Throughout the entire facilities, two major objectives were tried to achieve: ease of control and energy management with details below:

- First impression is important. Warm lighting with programmed dimming sequence is requested to make guests feel comfortable.
- Variable lighting is needed in hotel's multi-function areas, such as banquet halls and conference rooms to create different lighting scenes.
- Hotel lighting in all public areas has to be monitored easily.
- Floodlight on the external wall has to emphasis the magnificence of the hotel architecture.
- Hotel lighting occupies around 35% of total energy consumption. Efficient energy saving has to be achieved via the lighting control system.



- The lives of the lights in hotel, which are expensive and in large quantity, have to be extended via lighting, control system, hence, reducing operating costs.

### The highly visual solution

Crestron has designed a comprehensive and intelligent lighting control system solution to achieve high requirement of The Westin Tianjin.

#### Lobby

Crestron helped The Westin Tianjin transform the lobby experience into a sensory awakening marked by uplifting atmospheric lighting.

Centralized lighting control is provided PAC2M processors, 4-channel CLXI-1DIM4 dimmer modules and 2-channel CLXI-2DIM2 dimmer modules. Administrators can adjust lights from Designer CNX-B12 keypads to create different lighting scenes, for morning, afternoon, evening and midnight to fully utilize natural light; therefore, saving energy.



#### Zen5es

Zen5es is a tastefully decorated restaurant, serving authentic Chinese cuisine inspired by Sichuan, Hunan and Huaiyang traditions.

General and accent lighting control is applied in the restaurant. Authorized restaurant associates have control of the interior lighting and are able to dim lights to a specified level to cater guests' needs. Flexible configurations are also available in the restaurant and lighting of each zone can also be monitored individually.



#### Conference Rooms

Crestron audio/video and lighting control technology automate the conference rooms of The Westin Tianjin. TPS-4L wall mount touchpanels provide convenient one-touch room control, such as adjusting the drapes, activating custom lighting presets for desired ambience, or routing video and audio sources to desired locations within the room



#### Presidential Suite

Presidential Suite is the grandest suite in The Westin Tianjin, featuring 220 meters of space, a steam room, a study, an additional guest bathroom, a spacious lounge, dining area with a separate pantry and unrivalled views over the rooftops of Tianjin.

A DIN-AP2 processor monitors the lighting in the presidential suite and TPMC-8X WiFi wireless touchpanel allows guests one-touch freedom to adjust lighting scenes. For example, the guest just



needs to press MEETING button on the touchpanel and this will turn on designated lamps to create a friendly and warm atmosphere to welcome the people he/she is expecting. When the user presses REST button, this will dim the lights to preset value making a relaxing environment for the guests to relax.

### **Energy Management**

The Crestron system is constantly monitoring the occupancy sensors so if the public detected, the system will set the area into unoccupied mode after a certain period of time elapse. In this mode, lighting will shut off. On the other hand, when motions are detected, the system will turn the light off or set to any default light settings.

Crestron has contributed to the success of The Westin Tianjin in maximizing hotel's profit by providing a luxurious, impressive and surprisingly energy-saving lighting control system

