

**The Westin
Kuala Lumpur**

MALAYSIA

C-Bus Control and Management System

Case Study ¹⁹



Five Star automation

The Westin Kuala Lumpur offers guests the finest décor, the most luxurious accommodation and the very best in lighting control.

Great ambience makes The Westin Kuala Lumpur a very special place to stay. Spectacular use of feature lights highlight the striking décor while clever use of dimming in the lobby, 13 function rooms and 6 restaurants makes the guests feel cosy and relaxed. The strong combination of C-Bus Neo Touch Screens, Neo switch plates and architectural dimmers, have ensured The Westin Kuala Lumpur accomplished its goal to become an outstanding hotel in the Malaysian market.

When the five-star, The Westin Kuala Lumpur soft opened in 2003 the owners left nothing to chance when it came to lighting design, installing Clipsal's C-Bus Control and Management System.

Located in the heart of Kuala Lumpur's busy business and shopping district along Jalan Bukit Bintang, The Westin Kuala Lumpur is the epitome of modern luxury, from design right through to operations.

Accommodating 384 rooms, including 23 suites and 68 one and two-bedroom executive residences, the hotel's design is contemporary and sleek. It also houses 13 function rooms and six innovative restaurants offering Pan Asian, Latin and authentic Italian cuisine. Given the extent of the building's electrical system – 26 areas on 700 circuits – there was no doubt that an automated system would be required to allow the vast control of lighting, along with setting and scheduling of different lighting scenes in zones. So Clipsal's C-Bus Control and Management system was specified, based on its proven performance record, local support availability and local stock. C-Bus Neo Touch Screens, Neo switch plates and architectural dimmers create the precise moods required yet it allows staff to change scenes for different events.

The Westin Kuala Lumpur AV Manager, Sham Abbas, believes the inclusion of C-Bus in the project has provided a level of flexibility unachievable with conventional wiring. "C-Bus has provided easy execution of lighting," said Sham. "We really enjoy the different mood settings throughout the day, that create a cosy and relaxed feeling for our guests." The C-Bus system has been designed to control lighting in all public areas including, ballrooms, restaurants, meeting rooms and lobby areas. Each area has been separated into zones, with the scheduling of lighting scenes divided into day, evening and night.

Clipsal's recently released Architectural Dimmers have been utilised in the project, along with the stylish Neo switch plate and Clipsal Touch Screen. Combined, these innovative C-Bus products have provided staff and management with flexible, adaptable and user-friendly control over the hotel's lighting system.

While C-Bus has the potential to achieve significant energy savings via a low maintenance system, to this point, by programming automated lighting schedules, C-Bus has successfully eliminated the risk of human error, ensuring a comfortable ambience for The Westin Kuala Lumpur guests year-round.

Maximising automation benefits

The comprehensive automation system has fulfilled the original aims and requirements to control lighting capabilities throughout the entire hotel. Along with the installation of the system, many benefits have been noted which increased operational capabilities and services, whilst reducing energy costs.

The Westin Kuala Lumpur Grand Ballroom features architectural lighting for an extensive variety of lighting effects and projections, which create a great ambience for guests to enjoy.



Some 48, two, four and eight gang Neo switches have been installed, adding further appeal and class to the hotel. The sleek aesthetics of the award winning switches have been embraced, offering consumers a completely new alternative to traditional wall switches. The efficient system, with a low maintenance requirement has the ongoing ability to create a unique ambience throughout the entire hotel.

The newest addition to the five-star accommodation scene in Malaysia, The Westin Kuala Lumpur, has met all the client's objectives, leaving the owners satisfied with the end result. The installation of Clipsal's C-Bus Control and Management System has not only provided the hotel and its staff with the latest in automation technology, but has delivered significant energy savings.

The Westin Kuala Lumpur is one of the major hotel projects for Clipsal Integrated Systems, Malaysia, who feel a strong sense of accomplishment and achievement following the success of this job.

Lighting control for public areas has become easier and the chance of human error, which is associated with manually controlled systems, has been reduced. The system has proven to be extremely efficient and easy to maintain, with dimming functions helping to preserve the lifespan of light bulbs and reduced costs from energy savings already noted.

Architectural dimmers set the mood

Ninety professional architectural dimmer units, which have been installed throughout the hotel, provide more efficient dimming than conventional leading edge dimmer technology.

At the touch of a button, staff can select different functions and operating modes in accordance to the scene or mood that needs to be created, whether it be in the ballroom, restaurant, meeting room or lobby area. The architectural dimmers create the different lighting scenes whilst scheduling is achieved through the three individual (5000CT) touch screens, which are programmed to control any C-Bus network.



The Westin Kuala Lumpur has successfully combined five-star facilities with the latest technology from Clipsal Integrated Systems.

The Benefits of C-Bus Control

- Reduces lighting and energy costs via a low maintenance system
- Enables the setting and scheduling of different lighting scenes
- Easy execution of lighting
- Flexible, adaptable and extremely user friendly
- Eliminates the risk of human error
- 24 hours back-up support in the event of an outage

Installation Data

C-Bus Project	The Westin Kuala Lumpur
Architect	ICB Design
Developer & Owner	Tetuan Arena Warni Sbn Bhd
Electrical Consultant	Jurutera Perunding Valdun Sdn Bhd
Systems Integrator & C-Bus installer	Clipsal Integrated Systems (M) Sdn Bhd
Electrical Contractor	LFE Engineering Sbn Bhd
Main Contractor	Ireka Engineering & Construction Sdn Bhd

Clipsal's C-Bus Control and Management Systems enable the lighting scenes to be controlled in each separate area of the hotel. Whether it be a romantic setting in one of the restaurants or a professional setting in the boardroom, each area can be individually controlled.



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