

JW Marriott Hotel in Mexico City improves security through Bosch solutions



BOSCH

Invented for life

Industry:

Hotels and recreational facilities

End User:

Marriott Hotel, Mexico City

One of the most famous hotels in Mexico City is the JW Marriott Hotel. The building which is 26 floors high is located in the heart of the business and entertainment sector of the exclusive Polanco District. Within walking distance to Auditorio Nacional, the city's financial hub, and some of Mexico's best places for shopping, dining and night life, the hotel has a unique location.

Altogether, the hotel features a heated outdoor pool, as well as a full-service health club and Spa. From intimate weddings to corporate conferences, flexible meeting space is perfectly combined with first class services.

Thus, JW Marriott Mexico City is among the most preferred hotels in Mexico City for business or leisure travel.

Business Objective:

As this hotel is located in "Paseo de la Reforma", a place where demonstrations and strikes regularly take place, one of the principal objectives was to implement a CCTV system for surveillance. Due to the exclusivity of the hotel's guests the installation of a system providing the most advanced technology, high reliance and at the same time discrete supervision was considered to be necessary.

An additional requirement was the high flexibility of the system in order to incorporate a future growth and to guarantee the protection of the investment.

Solution:

As a part of an extended security systems equipment a sophisticated CCTV system with more than 70 fixed cameras of the Flexidome II and Dinion line was installed in order to protect guests, staff members and properties. One of the principal advantages of those cameras is their excellent performance under any illumination condition. Especially for the LTC0485/21 (extended dynamic range) and LTC0495/21 (day/night) models, the contrast management due to processing images in 15 bits quality and a special algorithm registered by Bosch allows an extremely precise and sharp capture of environment.

In addition, with the aim to guarantee video surveillance not only in internal areas but also in external zones AutoDome Movement Cameras (PTZ) were placed at strategic points.

Altogether, the central equipment is composed of a matrix video switcher line 8600 and 3 units of DVR Dibos 8 providing a capacity for 30 analog channels each. Furthermore, these DVR Dibos units also provide the opportunity to expand the system to 32 additional IP channels. As a result, it is possible to accomplish a gradual migration to an IP solution without any additional costs.



The JW Marriot Hotel in Mexico City

Especially through the remote monitoring software which is installed in each DVR Dibos 8 unit, it is feasible to integrate easily the extended monitoring stations to the existing hotel security network in order to achieve more versatility in the section of signal administration such as the supervision of magnetic contacts, light barriers or presence sensors. The possibility of expanding the matrix system modularly also enables the system to grow perfectly according to changing user requirements.

For controlling the ambient music and alerts in case of emergency, the hotel counts on an audio system from Bosch's Plena series. That is why more than 200 sirens and 20 amplifiers are used to cover all the public areas of the hotel.

Result:

Thanks to the provided Bosch solution the necessary outstanding security standard for the JW Marriott Hotel was completely met so that all the requirements for offering a unique stay to its guests are fulfilled. Thus, the hotel was able to extend its brilliant position among the most favourite hotels in whole Mexico.

In addition, this system supports the security staff in supervising the premises perfectly. Hence, efficient researches through viewing live images and recordings in LCD monitors are generated.

Installed by:

LOGEN S.A.

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