

Infinet Wireless solutions are part of Mundo Imperial's Autocinema Acapulco, the largest Mexico's drive-in



The ongoing pandemic has been a catalyst for change in both business and the leisure industry. Companies have had to reinvent themselves, transforming their economic, social and entertainment activities entirely. For this reason, Administradora Pacífico Imperial has created a new entertainment space in Mexico, the Autocinema Acapulco Mundo Imperial. Now Mexico's largest drive-in, it features wireless connectivity from Infinet Wireless point-to-point solutions.

About Administradora Pacifico Imperial

Administradora Pacifico Imperial is a subsidiary of Grupo Mundo Imperial, an industry leader in hospitality and entertainment, iconic within Acapulco de Juarez, the coastal city famed for its tourism, conventions and entertainment. The subsidiary has created a leisure space to support the film industry in the midst of the global crisis and make use of the best screen technology, sound, applications and wireless connectivity with Infinet Wireless solutions. Today, Autocinema Acapulco Mundo Imperial is Mexico's largest drive-in, with a capacity of up to 300 vehicles for

the benefit of hundreds of tourists and citizens, all while maintaining "social distance".

Requirements

Construction of the **Autocinema Acapulco Mundo Imperial** started in July 2020 covering more than 25 thousand square meters and was completed in August 2020. The project required connectivity throughout the entertainment area to provide Internet service at sale points and booths, as well as for CCTV cameras.

The project required a robust, point-to-point wireless solution that could

withstand extreme weather conditions and deliver low latency.

Solution

The Autocinema Acapulco Mundo Imperial has installed two point-to-point links covering 150 meters each. One transports video and the other manages the internet service. To date, the project deploys four InfiLINK 2x2 LITE R5000-Smn units, a 5 GHz point-to-point unit, a net performance of up to 180 Mbps, an integrated dual-pol antenna, 19 dBi, a capacity of 8 Mbps to 300 Mbps for InfiLINK 2x2 LITE subscriber terminals,

in 5 and 6 GHz frequency bands; and four lightning protection units, an LPU (Lightning Protection Unit) for the Infinet Wireless hardware.

Customized design

Bemira, the company's technological partner, supplied the equipment, designed deployment of the links, and carried out support for the official opening of the drive-in.

Rafael Cortez, CEO of Bemira S.A. de C.V. said:

“Due to its experience and performance, we proposed to apply Infinet Wireless technology in the drive-in, considering it as the best option in solutions due to its quality, range, results in external areas, price and flexibility in its configurations; precisely what the client required to meet the connectivity needs of the first drive-in in Acapulco. Our client, Grupo Mundo Imperial, is completely satisfied.”

“Our projects of connectivity deployed together with Bemira use the most outstanding state-of-the-art technology in market, which allows our business to keep being reliable, cost-efficient and time-saving during these times. Now, as we've been introduced to Infinet Wireless brand, we're confident about our future projects featuring wireless solutions, to be implemented with the help of local certified integrators', added Simón Quiñones Orozco, Project Director and Engineer of the Grupo Mundo Imperial group.

"A few years ago, drive-ins almost lost their popularity because of the rise of video-on-demand platforms. But this year is definitely a game-changer, and drive-ins turned out to be a safe way of recreating in public places during the pandemic. We at Infinet Wireless are proud to provide reliable connectivity with our Point-to-

Point solutions which now form part of technological infrastructure of the [Autocinema Acapulco Mundo Imperial](#) drive-in, a super trendy spot in Mexico now', Carlos De Lamadrid, Business Development Manager in LATAM, summed up.

This project was supervised by Avantec, an official distributor of Infinet Wireless in Mexico.

Results

The main benefit of Infinet's wireless solution was in minimizing costs by avoiding the need to demolish infrastructure to connect booths and points of sale. Instead, highly reliable Infinet Wireless links were established.

By not requiring civil works for the installation of the links, the delivery time for the start of operations was reduced, to

the benefit of hundreds of citizens and tourists. Currently, the infrastructure of **Autocinema Acapulco of Mundo Imperial** is working successfully.

“Our connectivity projects have been carried out through the integration of Bemira, making use of the best technology available in the market, which has allowed us to maintain reliable and efficient telecommunications in terms of cost and time. Now that we know the Infinet Wireless brand, we are sure that future projects will be carried out with IW links and will be implemented hand in hand with local and certified integrators, such as Bemira,” added Mr. Simón Quiñones Orozco, project director of Mundo Imperial Group.

Requirements

- Stable links that can withstand large environmental changes and lightning
- Achieving good latency and continuity of service
- Generate connectivity across more than 25 thousand square meters to

have more than 10 points connected for Internet and video

Solutions

- Four InfiLINK 2x2 LITE kits
- R5000-Smn with integrated dual-pol antenna, 19 dBi
- InfiLINK 2x2 LITE subscriber terminal
- InfiMAN 2x2
- Accessories: Kit of 4 Mounting MONT-KIT-85c compatible with the R5000-Smn models of the InfiLINK 2x2 and InfiMAN 2x2 families with integrated 19 dBi antenna
- 4 lightning protection devices AUX-ODU-LPU-G, device (LPU - Lightning Protection Unit) for Infinet Wireless products

Benefits

- The drive-in’s connectivity network has low latency and 24/7 stability
- A reliable and future-proof network
- Full connectivity in more than ten points with Internet and video service