



GRANDSTREAM

## Hotel Estancia Real's New WiFi Network Running on the GWN7610:

- ✓ Speeds up to 1.75GBps
- ✓ 250+ clients per AP
- ✓ Roaming Support
- ✓ Centralized Management
- ✓ Quick Installation
- ✓ Allows future expansion



## Hotel Estancia Real Builds Powerful & Secure Network for Guests Using Grandstream's GWN series

**Hotel Estancia Real**, a 5-star hotel in San Juan de los Lagos, Jalisco, Mexico, was looking to implement a WiFi network in order to offer their guests the ability to access WiFi all throughout the hotel. This 9 floor hotel has 77 rooms, 2 bars, a restaurant, a night club and a business center that can accommodate up to 200 people. It is frequented by guests from all over the world. Since the hotel offers a variety of 5-star services, views and amenities, their WiFi network also had to be of 5-star quality.

The hotel chose a local reseller, Equipos y Tecnologia, TSDC to handle the implementation of their WiFi network. Equipos y Tecnologia worked with their distribution partner, Inttelec Networks, to look at and analyze all potential products that would allow them to build the 5-star WiFi network that Hotel Estancia Real required.

### WiFi Network Requirements



**1. Powerful and secure** – the hotel needed to be able to offer lightning fast WiFi speeds and ranges to cover the entire hotel and needed to be able to accommodate up to 250+ WiFi clients per device, and potentially more. This was especially important in their business center.



**2. Roaming Support** – the hotel wanted to be able to offer one network on all APs throughout the entire hotel so that guests could move around the entire hotel without having to change networks or re-login.



**3. Low maintenance** – Both the hotel and Equipos y Tecnologia needed their WiFi solution to be low maintenance. It needed to be easy-to-install, easy-to-manage and it needed to offer a central portal in which the entire network can be setup and managed from one location.

After considering many different WiFi access points, Grandstream's GWN7610 was chosen for this 5-star WiFi deployment.

## Why the GWN7610 was chosen?

Grandstream's GWN7610 easily met all of these requirements.



It offers a range of up to 175 meters in any direction from each AP, which allows each AP to serve users up to 2 football fields away from AP.



Supports up to 1.75 GBps in order to maximize connection speeds for all clients



Supports up to 250+ WiFi clients per GWN7610



Supports roaming and the ability to offer the same SSID on every AP, while offering the ability to offer up to 16 SSIDs per AP for future expansion

For the hotel and the reseller, the low maintenance setup and management process was as important as anything else. Grandstream's GWN series of WiFi APs is one of the first devices on the market to offer an embedded controller. This controller is included for free and simply built-in to every GWN APs web user interface. This allows any GWN AP to be used as a central provisioning and management controller, allowing you setup and manage entire networks from one central location – the webUI of any GWN AP.

## Deployment

Equipos y Tecnologia, TSDC deployed 16 GWN7610 throughout the hotel, mostly in the hallways of the hotel and the reception area. A router from Arcadyan (VRV8019AW22) was used. One GWN7610 was setup and then used as the controller to setup and manage the other 15 GWN7610s. The hotel created one common network with one common set of login credentials for all access points. This allows all APs at the hotel to share the same network and logins, which allows guests or employees to move around the hotel and never lose a connection as the GWN7610s support roaming. Service from Telmex, one of the largest and most prominent service providers in Mexico, was used for this deployment.



## Summary

The GWN7610 allowed Hotel Estancia Real to build a powerful and secure 5-star WiFi network for their hotel guests that could be accessed anywhere in their 9 floor, 77 room hotel that also contained a business center, 2 bars and 1 restaurant. The new network offered lightning fast speeds, supports up to 250 WiFi devices in any one area, and supports roaming throughout the entire hotel. Finally, it was setup and provisioned quickly all from the central, embedded controller within GWN7610s web user interface, where all networks and APs can also be managed or further customized.



**GRANDSTREAM**

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Inttelec Networks SA de CV started in 2001 as an IT infrastructure integrator and over the last 15 years has become one of Mexico's largest importers and wholesale distributor of communication solutions.

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Equipos y Tecnologia, TSDC is dedicated to the development and installation of information technology, security and automation solutions. They design, engineer and maintain IT solutions throughout Mexico.

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