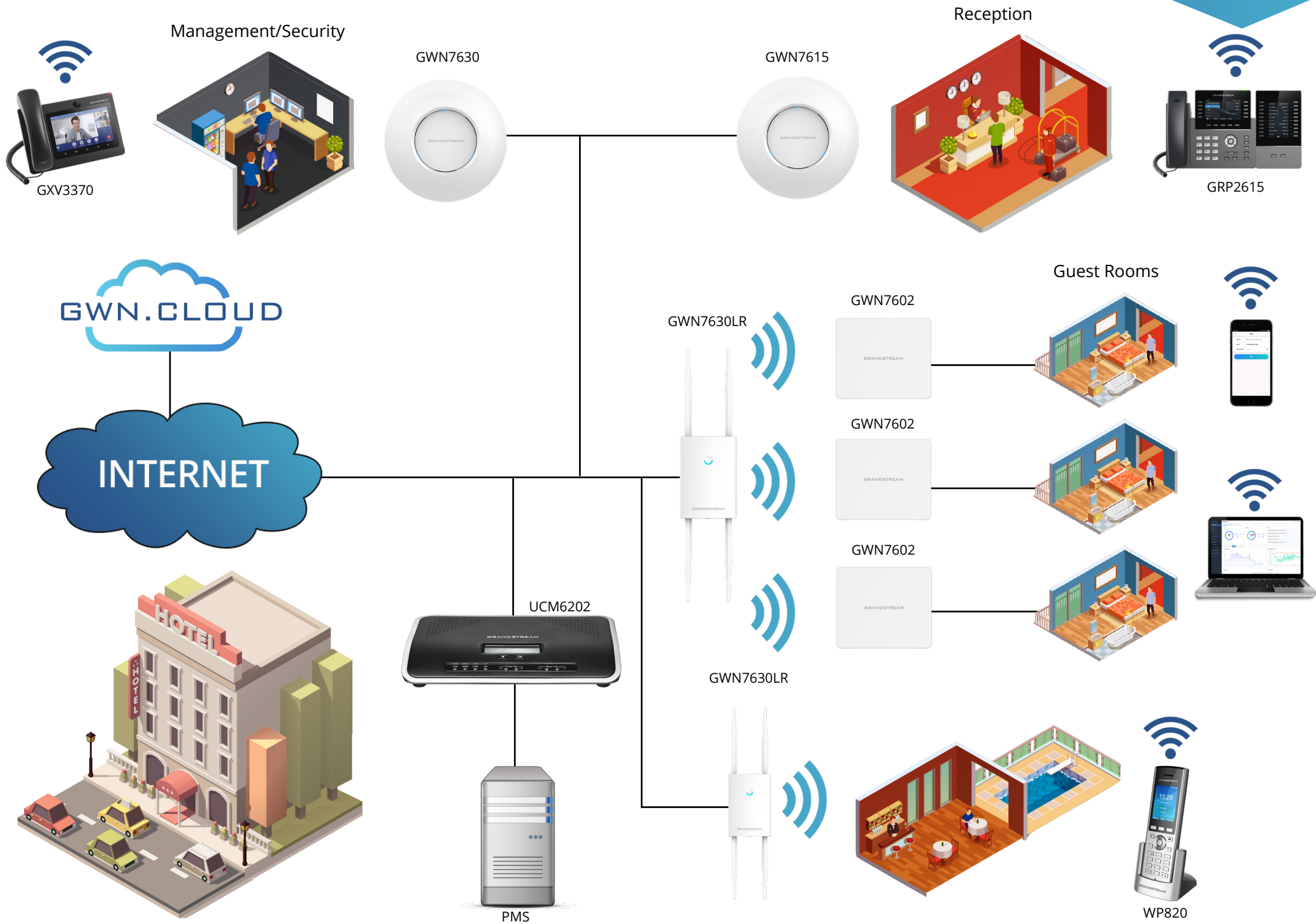


Grandstream Wi-Fi Hotel Deployment



Hotel Deployment Scenario Explained

Deployment Strategy:

The Problem:

In this deployment scenario, a Hotel was undergoing a renovation. Not only did the exterior need some repairs, but their communication tools needed a modern upgrade as well. The hotel was not only receiving negative reviews online from guests about the slow Wi-Fi network, but hotel employees were saying the same. Guests noticed the Wi-Fi was not reaching the pool area so they needed secure network for the interior and exterior of the hotel. The IT department was also very small so having an easy network management platform was crucial.

The Solution:

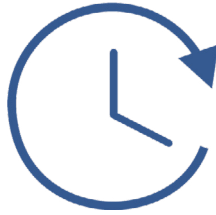
To resolve the hotel's network speed issues, they contacted their local installer to come up with a solution. The installer had previously deployed Grandstream phones throughout the hotel and recommended staying within the Grandstream portfolio to improve their Wi-Fi. The modern solution was to eliminate old wiring systems and upgrade their network with the GWN series of Wi-Fi access points.

- The installer utilized the GWN7630LR long-range outdoor Wi-Fi access points that would cover the outdoor areas of the hotel grounds such as the pool.
- Next the installer deployed GWN7602's to each guest room which provided guests with full strength Wi-Fi throughout their stay.
- GWN7630's were deployed to staff area's allowing employees to gain full network access and power their Wi-Fi communication devices.

The Result:

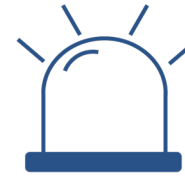
Deploying Grandstream solutions allowed the hotel to build a powerful Wi-Fi network with modern features such as captive portal, time policies, LED scheduling and more. This also included the use of the GWN.Cloud which is Grandstream's cloud network management platform to ease the management of access points from any device at anytime. Not only were guests happy with the improvement but they received more positive reviews due to the renovations, which drove more business to the hotel than they had seen before.

Key Features



Time Policy

The timed client disconnect feature allows the system administrator to set a fixed time for which clients should be allowed to connect to the access point, after which the client will no longer be allowed to connect for a user configurable cool-down period. This allows the hotel to be able to give guests access to the Wi-Fi during the days of their stay.



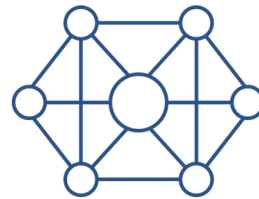
LED Scheduling

The LED schedule feature is used to set the timing when the LEDs are ON and when they will go OFF at customer's convenience. This can be useful for example when the LEDs become disturbing during some periods of the day, such as hotel rooms where the LED lights can be annoying to clients trying to sleep at night but you still don't want to shut down completely the Wi-Fi Access point.



Captive Portal

Captive Portal feature on GWN series helps to define a Landing Page that will be displayed on Wi-Fi clients' browsers when attempting to access Internet. Once connected to a GWN AP, Wi-Fi clients will be forced to view and interact with that landing page before Internet access is granted. This is a great Marketing tool for hotels.



MESH Network

With MESH networks, wireless connection is established between multiple APs, which is used to pass-through data traffic rather than client association. Each AP will evaluate the wireless channels available and route the connection through the fastest available channel. A hotel will likely deploy many APs and setting up a MESH network can help to keep the system organized.



GWN.Cloud

GWN.Cloud is an enterprise-grade, management platform for Grandstream access points. A hotel may not always have an IT person on-site. The cloud platform allows for a user to access the network from the cloud platform. In case of emergencies the IT person could still login to the system to resolve any issues.