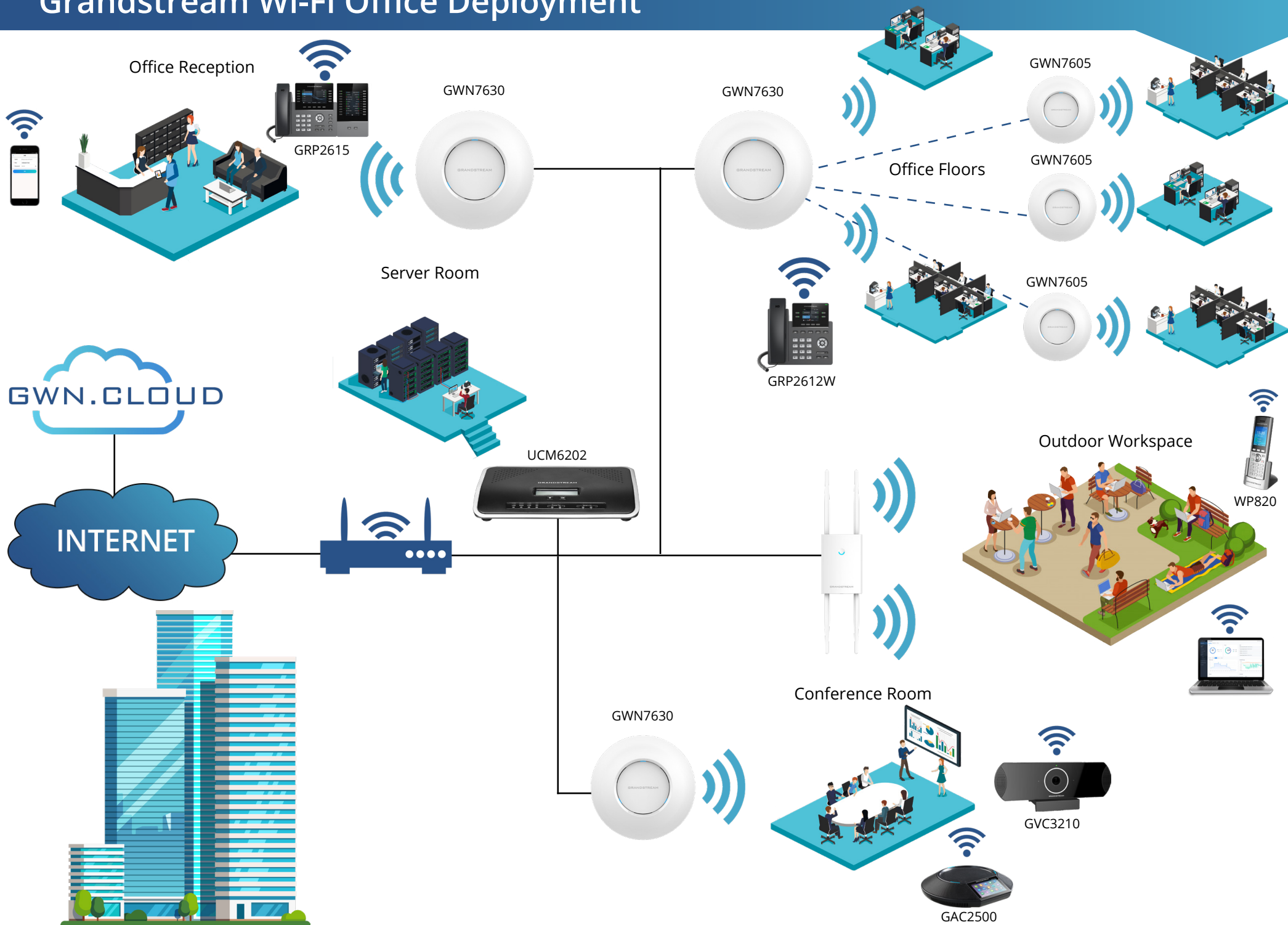


Grandstream Wi-Fi Office Deployment



Office Deployment Scenario Explained

Deployment Strategy:

The Problem:

In this deployment scenario, a company had outgrown their previous office and needed a space where they could grow and had room to continue growing. This led to the company leasing a 6-floor office building. With their increase in both space, and employees they needed to upgrade their communication tools to allow for higher productivity, and a new Wi-Fi network that could handle the number of devices and Wi-Fi activity in the office. They also needed a system that could scale as the company grows.

The Solution:

The office asked their IT department to research a new scalable solution that could handle the needs of the office. The IT department was familiar with Grandstream and their portfolio of products due to previous experience and knew that it would fit within the office budget.

- The IT department worked with a local installer to strategically place access points throughout high traffic areas. They would create a MESH network to deploy a GWN7630 as the Master and GWN7605's on each office floor.
- They also gave each conference room it's own AP to power not only client devices, but communication tools such as the GAC2500 and the GVC3210 to provide a full HD Wi-Fi conferencing solution.
- The office also had an outdoor working space to allow their employees to get fresh air throughout the day and powered the area using a GWN7630LR long-range outdoor Wi-Fi AP.

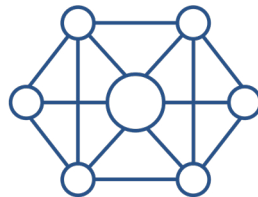
The Result:

The result of deploying GWN series of Wi-Fi Access Points allowed the offices IT department to easily manage the access points using the GWN Manager an on-premise network management solution. This also allowed for the department to implement key features such as scheduling, guest access, scalability and more. The office saw an increase in productivity and employees enjoyed the ability they had to move their devices throughout the office space both indoor and outdoor without losing any connection.



QoS for Voice and Video

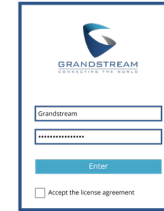
GWN series APs include built-in QoS, which makes them ideal for extending VoIP connections through Wi-Fi. With QoS, businesses can prioritize voice and video traffic over their Wi-Fi network, making sure that critical communications are not impacted by general network usage.



MESH Network

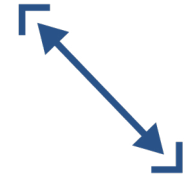
With MESH networks, wireless connection is established between multiple APs, which is used to pass-through data traffic rather than client association. Each AP will evaluate the wireless channels available and route the connection through the fastest available channel. In an office setting, creating a MESH network will allow for organization.

Key Features



Guest Access

Offices with visitors and/or clients can provide guests access to the Wi-Fi network using the Captive portal. A landing page can be set up and provide guests a password that they can use to login ensuring security for the whole office's network.



Scalability

The scalability of the GWN series allows any sized business to grow their network with their business growth. An office network needs to have the ability to start small with maybe one or two APs, but expand in their coverage and capacity as needed without having to overhaul or build an entirely new network. A scalable solution can set up any business for success.

GWN MANAGER

GWN Manager

Some companies don't allow Cloud management platforms due to privacy policies. The GWN Manager is the on-premise version of the GWN.Cloud, allowing for easy management of the access points from Grandstream.