



Village on Main Street

The Challenge

- Provide internet service for all patrons of the community without significant hardware costs.
- Create an affordable Wi-Fi network.
- Facilitate a residual monthly profit to the owner of the property with the Wi-Fi network.
- Provide a mechanism for remote management by the Integrator.
- Provide a Splash Page which would allow residents to access the network.
- Network segregation for both residential and management use.

Site Overview

Village on Main Street is a residential community, featuring restaurants and a branch of a university credit union. It includes 96 apartments for active seniors called the "Village Active Senior Community" for ages 55 and older and 96 conventional apartments called the "Main Street Luxury Apartments." In total, Village on Main Street is approximately 255,000 square feet.

Background

The owners requested a wireless Internet solution that would provide all residents with an abundant & constant[®] Wi-Fi connection. Management desired the following features:

- Bandwidth management
- Residual revenue model for charging users
- Personal username and passwords for subscribers
- High security to protect tenants' data

Result

The Bountiful[®] Wi-Fi solution was installed by the integrator for a complete, complex-wide wireless network for the residents and staff of Village on Main Street. Employees of IDG/Horizon Investment and Management Company also access the network with complete security.

Using the Bountiful[®] Wi-Fi solution, the integrator has taken the burden off of the staff at the Village by remotely managing the network for a monthly service fee.

Solution

Bountiful[®] Wi-Fi's powerful **BWLWAPG1000 series** wireless access points provide a signal that is 2 to 4 times more powerful than that of the competition, allowing for a quicker, less costly and simpler installation process. The multi-faceted Bountiful[®] Wi-Fi access controller, **BWRACWALL series**, provides an opportunity for Village owners to add another revenue stream to the business while giving their residents an abundant & constant[®] connection to the internet with the following features:

- **Splash Page** allows residents to sign into the network with unique username and login information.
- **Bandwidth Management** gives every user equal access to the network; not one person can use all the available bandwidth.
- **Remote Management** facilitated the integrator's monitoring the network without having staff on-site. This also freed Village staff, allowing them to focus on servicing the residents instead of having to deal with network issues.

Implementation

The integrator installed 10 **BWLWAPG1000 series** lightweight access points which were distributed across the five sections of the building. Five access points are dedicated to the businesses and senior resident's portions of the building, and five access points are dedicated to the other residential dwellings.

In the separate pool/clubhouse facility, the integrator used Bountiful[®] Wi-Fi's powerful **WDS repeating/bridging** function to install two additional access points without running cable from one building to the other. One was placed in the utility room in the main building, with the second, placed in the ceiling, repeating the signal from the unit in the utility room. Normally, this would be a problem, but with Bountiful Wi-Fi's powerful access controller, **BWRACWALL series**, it is possible to control repeaters and wired units alike.

Comparison

Using the Bountiful[®] Wi-Fi solution was *considerably less expensive* and required *less on-going maintenance* than an installation using a competitor's products. The 12 lightweight **BWLWAPG1000** access points cost \$7,634 less than that of the competitor's 22 access points. Also, the Bountiful[®] Wi-Fi **BWRACWALL** access controller saved the owners \$10,602* as quoted using the competitor's access controllers. In addition, the cost of running cable was considerably less. The Bountiful[®] Wi-Fi solution installed at Village on Main Street provided a cost savings of 366% – or \$18,236 – a portion of which the integrator used to *increase their bottom line*.

*further discounts for [VARSense](#) members