

## Case Study Days Inn, Rochester NY



### **Days Inn**

A 104 room hotel with 6 buildings in Rochester, NY. Providing Internet and WiFi to Days Inn customers has been a challenge for years. Solution prior to Wi3 consisted of outdoor wireless access points.

### **Networking Challenges**

The Days Inn Motel “campus” is made up of 6 concrete block buildings, some of which have a central hallway, others a utility raceway and several with neither central hallway or utility raceway. The previous WiFi provider employed 802.11 B&G access points located on the rooftops of the campus buildings with repeater WiFi units scattered inside of the various building/rooms. As the demand for WiFi and Internet access increased, WiFi in most rooms was found to be non-existent. In addition to the older devices, the layout and construction of the property warranted a much different approach.

### **Why Wi3 Inc?**

The Days Inn management team was desperately looking for a long term, cost effective solution. Since Wi3s solution uses the existing TV coax network, installation was not only quick but also resulted in no disruption in room availability. For the buildings with hallways/raceways Wi3 MoCA1.0 WiFi Access Points were placed in the raceway via coax network or strategically placed in rooms in order to provide full strength WiFi to every guest.

Realizing the advantage of having a solid coax network with its gigabit capability exceeding that of the current category cabling, Days Inn has now started to upgrade their Wi3 ECBs and Access Points to the new MoCA2.0 WiP7001s and WiP7500 ac WiFi Access Points.

## **The Deployment**

### Original Wi3 Solution – 2013

- (7) Wi3 MoCA1.1 Ethernet Coax Bridge (ECB) positioned with the ISP Modem and in Telecom Rooms in each building
- (40) Wi3 MoCA1.1 802.11 b,g,n Access Points
- Radius Gateway to remotely manage and monitor access points as well as provide landing page and security

### 2017 Upgrade in Progress

- (7) Wi3 WiP7001 MoCA2.0 Ethernet Coax Bridges (ECB) positioned with the ISP Modem and in Cable Closets for each building
- (32) WiP7500 802.11 ac Access Points replacing MoCA1.1 AP's in each building, whether above ceiling tiles in hallways, in raceways or in rooms.
- Upgraded Radius Gateway to remotely manage and monitor access points as well as provide landing page and security

## **Results**

- Solid motel campus wide coax network established for current and future Internet and wifi requirements.
- Initial deployment resolved WiFi issues and set upgrade path for the future, only requiring electronics upgrade without cabling infrastructure changes
- Centralized visibility, security and monitoring of all devices
- Consistent High Speed WiFi at every location
- Smooth and Quick Installation with no need to take rooms off-line
- Considerable month to month savings compared to previous years and other competitive bids