

# Georgetown Volkswagen CASE STUDY



**Customer:** Georgetown Volkswagen  
**Industry:** Retail Automotive Dealership  
**When:** January 2016  
**Solution:** Network Audit & Design,  
Enterprise WLAN

## Introduction:

The customer underwent a large expansion in 2013 that tripled the square footage of the facility size and space. At which time they migrated some existing technology from the smaller facility, inclusive of a firewall based wireless solution with two active access points servicing the entire dealership inclusive of staff and guest wireless networks. The customer was aware there may be impending challenges and reached out for support following some staff and customer concerns.

## The Problem:

The pre-existing access points weren't capable of supporting the staff and guest wifi requirements with expanded requirements for network traffic including a employee-wide VOIP application that is used to maintain contact with team members in all locations on the facility property. Not to mention slower than expected speed with higher client usage during busier times.

As a result of the inadequate access point count and location, maintaining communication with staff was often trying as they would lose connectivity with the wireless that supports their VOIP functionality in various areas of the facility, especially on the outdoor lot where wifi service was non-existent.

## The Solution:

Initial consultation was to provide a detailed assessment of the existing LAN and wireless infrastructure to which some new POE switching, an upgraded firewall, and net new wireless network infrastructure were deployed.

Following initial design determination, a turnkey Ruckus Wireless wifi solution was implemented inclusive of both indoor and outdoor wifi to ensure service availability throughout the facility property both inside and while on the lot.

As part of the new network integration, the AirWorx team assisted with all applicable network configurations for the new switching, firewall, and wifi technology to immensely simplify and improve the customer's previous multi-faceted infrastructure management requirements.