

## Network Aggregator Windows to Web App



### Overview

A leading network aggregator has developed a patented technology to merge different service providers and get a combined output to utilize the data speed by the enterprises to solve their connectivity issues. Initially they developed windows application and enhanced the application as the business progressed. They got a several requests for the web application to handle it from anywhere and any device. Nexgile has analyzed the existing windows application and migrated the application to a web application with the web responsive UI.



### Challenge

Main challenges we faced during the execution of this project are:

- Identifying the different business logic as the application is not developed according to basic standards
- Access to hardware
- User Interface



### Solution

Nexgile has analysed the existing windows application and provided a migration roadmap to execute the project. Initially client has thought of retaining his current UI but as the desktop UI is not elegant to use for the web application, we have recommended to develop the UI from scratch and made a responsive user interface with enhanced user experience. We have planned the migration in a phased approach and delivered the features on agile delivery model to understand the user needs to improve the user experience.

- Developed MVC based web application which helps to scale the application to any level
- Implemented responsive web interface which can be easily accessed on any browser with any screen size
- Implemented accessibility standards
- Migrated database to Azure to handle the whole application on cloud
- Decoupled the business logic and data logic to different libraries



### Key Benefits

- All the windows application features are available in the web application
- Enhanced user experience and productivity
- Reduced maintenance and hardware costs
- Responsive UI has eliminated the need of a dedicated mobile app
- Accessibility standards enabled the web application to be used by several users

