



# Secure Web-Based Ad-Hoc Reporting Dashboard

## Client Challenge:

Client needed ability to run reports ad-hoc from a webpage, while setting specified user permissions.

## Solution:

An application was developed to allow the client to generate ad hoc reports on the web and with the ability to download the reports as a PDF or Excel spreadsheet. The client's security was considered during development with custom permissions created to allow different types of users to view the data on the dashboard.

The reporting dashboard is web based and allows users to access the website anywhere that is convenient with a login. This is beneficial for our client as users are countrywide.

An administrative screen was created to allow the client to set up permissions for users easily and to change permissions as necessary with the click of a button. The permissions layers allowed operators for the client to view data relevant to themselves without breaching the trust of other operators of our client. The user can set the permissions to ALL with a drop-down option to more easily add other administrators without having to select each individual instance.

By updating the old version of the reporting dashboard, when a screen is updated after a save the site automatically refreshes allowing the user to see changes take immediate effect. The client can now easily review access permissions, generate reports and allow their clients access relevant data without concern of confidential data being visible to unauthorized users.

## Result:

- Allowed for client to manage permission access for users on the site.
- Improved accessibility to request rental insurance information across the variety of users.
- Reduced the time the client would spend generating reports for operators that could not access reports previously.
- Allowed for client to retain existing systems which are used for payment processing and reporting. Cost effectiveness.

**Technologies:** .NET MVC, Vue.js, Node.js

**Software/Tools:** Visual Studio/SQL Server

**Solution Type:** Custom Software Development

**Industry:** Storage Rental Insurance