



How Asset Infinity enabled a Construction Service Provider to track and maintain its vehicle assets and maximize their efficiency and utility



CLIENT PROFILE

Our Client is a prominent Construction Service Provider based in Grenada, Caribbean. They deal with the supply of the construction materials and also the construction activity. They have regular supply orders for different construction materials and for supplying that they utilize the services of different types of vehicles which they need to manage.



PROBLEM ASSESSMENT

- They were not able to understand which Vehicle was operating at which location at a specific point of time. They were not effectively tracking their assets. This was making it difficult for them to allocate these assets in a productive manner.
- In addition to the difficulty of Tracking, they were facing the issue of scheduling maintenance at the time when it is most required as they lacked crucial details in their database related to their vehicles.
- They were facing the difficulty of not having all the vehicle information like the Chassis Number, Engine Number, Insurance Details etc at a central location which could help them in taking strategic decisions.
- They did not have information about the vehicle condition.
- The client had integration issues for their existing software.
- They did not have much information regarding the Historical Journey undertaken by their vehicles which they could review and take appropriate key business decisions.

Asset Management, Activity Scheduling, Usage Monitoring and Integration Features of Asset Infinity

Detailed Asset Information

The flexible nature of Asset Infinity allows the client to specify details of the assets they need to capture, they can upload all their asset information at once through bulk imports and have access to reports such as User Wise allocated Assets, Assets Movement amongst others.

Usage Monitoring

The client can specify the linked asset for usage monitoring, the frequency, the person who will monitor, the warning levels for a particular reading through the use of the application.

Scheduling Activities

Activities can be scheduled directly through the Assets List and the User Group, Location, Activity Type, Frequency can be specified. Real time intimation to the people responsible for completing the activity is provided.

Integration

The application is programmed in a way that it is very flexible and hence can be easily integrated with another application which the client is using. That makes it easier to streamline the data flows across the organization.

Real time tracking

The application provides for the real time tracking of the asset.

Offline tracking

The application provides for the offline tracking facility as well, in the areas where the network facilities are weak

HOW ASSET INFINITY RESOLVED THE CLIENT'S PROBLEMS

LEGACY STATUS

They were tracking their vehicles manually. Entering the data on their own regarding the trips which the vehicle had covered during the day, the fuel consumed by the vehicle amongst other information. They did not have the real time tracking system.

ASSET INFINITY SOLUTION

- Using Asset Infinity's Software they were able to use the GPS Technology to track their vehicles in real time and get to know the correct information visible on a real time basis through the map. This enabled them to allot the work based upon the location of the vehicles. This made managing the vehicles easier, reduced the fuel cost, and increased the vehicle's productivity.

LEGACY STATUS

They were manually entering the information related to their vehicles and any change in that information was being reflected late on their database. The spreadsheet was accessible to multiple people and this reduced the accuracy of the information which they had.

ASSET INFINITY SOLUTION

- Asset Infinity provided them access to the Bulk Upload Function and through this the client could enter the information of the vehicles they already had into the Asset List and that information could be updated on a real time basis by authorized users on the Application.



SUMMARY OF MEASURABLE BENEFITS

Getting a secured API Integration with their software

Though the client was managing the assets manually through spreadsheet but also wanted integration with some of its other software. This led to seamless integration of vehicle management with their work environment and resulted in reduced costs

Asset Tagging & Tracking

Through GPS, vehicle could be tracked on a real time basis, which led to client taking informed decisions and also increase the productivity.

Complete Asset Information, with Command-level Visibility

Data-based decisions - increase in earnings

Data based Scheduling of the maintenance activity

Access to data related to the condition of the vehicle and other important information helped in proactive scheduling of maintenance activities reducing breakdowns and increasing efficiency.

Usage Monitoring and Warning Feature

Real time updation of the distance travelled by the vehicle and notification of exceeded distance reduced the costs of wear and tear, fuel and increased the productivity of the vehicles

HOW ASSET INFINITY RESOLVED THE CLIENT'S PROBLEMS

LEGACY STATUS

They were scheduling maintenance according to fixed time period schedules. They were not looking at the status of the vehicle in scheduling those activities.

ASSET INFINITY SOLUTION

- Asset Infinity provided the client complete information related to the status of the car , the locations which it is travelling, the frequency with which it is being used. This information was then utilized by the client to schedule the maintenance activities in a proactive manner for the vehicles. This streamlined this maintenance process and reduced the costs.

LEGACY STATUS

They were manually communicating with the User Group who was responsible for the maintenance of their assets which was resulting in delays of communication and in the completion of the maintenance activities.

ASSET INFINITY SOLUTION

- Through the use of the Scheduling Activities Module of Asset Infinity, the User Group responsible for the maintenance activities was being communicated in advance right from the application regarding the activities which they have to conduct. This resulted in timely completion of the maintenance activities resulting in higher operational efficiency.





LEGACY STATUS

They were manually looking into the calculation of the distance being run by their vehicles. This resulted in longer time being involved in the process, greater manpower being allocated in it and therefore higher costs.

ASSET INFINITY SOLUTION

- Asset Infinity provided them with the Usage Module which was linked with their asset through the platform. This resulted in real time updation of the distance travelled by each of their vehicles and also the user responsible for getting these updates got notifications in case this distance exceeded a specified level.
- This gave an overview of the distance being run by the clients vehicles and the time being spent by the vehicle operators in productive activities.

LEGACY STATUS

The client did not have information regarding the past journeys undertaken by their vehicles and hence were not in a position to review any unnecessary travel or any shorter route for travel. This increased their costs and reduced their efficiencies.

ASSET INFINITY SOLUTION

- Asset Infinity provided them a platform where they could access the past travel data of their vehicles and then by analyzing that could take appropriate strategic decisions.



CONCLUSION

- Asset Infinity's Asset Management software was integrated with the already existing software in use by the Client and used for different functional and reporting purposes.
- The Client had an enterprise-level control with complete information related to the vehicles. Asset Infinity's Asset Management and Tracking Module Solution System made it possible.
- The client was able to track the vehicles and obtain ease of their visibility through the Map View provided by Asset Infinity Platform.
- The client was able to schedule maintenance activities according to the requirements of the vehicles using the Activities Module.
- Client was able to automate its maintenance processes and hence was able to save time and money.
- Client was able to measure the distance travelled by their vehicles through the use of Asset Infinity's Application and could even set reminders for the distance measurements exceeding certain levels. This resulted in more control over their Assets(Vehicles).
- Asset Infinity proved to be great value enhancer over their legacy system, adding to operational efficiency of the organization.