

## Case Study 1

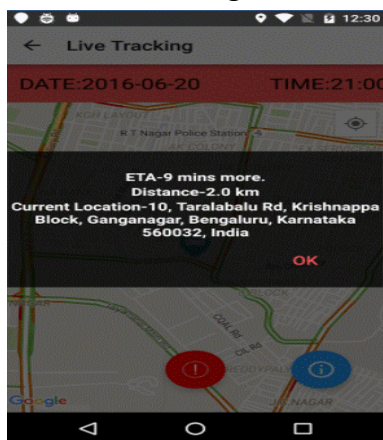
A multinational Fortune 500 financial services corporation that facilitates electronic payment and connects consumers, businesses, and government across the globe approached Agiledge to help them automate the employee transport management process at their R&D center in Bangalore. The employee transport process at the R &D center was manual and created the following challenges for the company –

- Data Aggregation issues among the company's employees, transport management team(s) and the company's transport vendors.
- Inability of the transport team to manage adhoc request for transport from employees and shift changes, as the available systems were not capable for instant routing.
- Daily rostering of employees on an excel data base resulted in non-value-added work being generated for project managers and the transport management team.
- Sub optimal utilization of vehicles due to lack of a robust demand management system and inefficient route creation for vehicles.
- No transparency in billing causing significant amount of time spent by the transport management team in cost allocation to project cost centers and billing reconciliation with transport vendors.

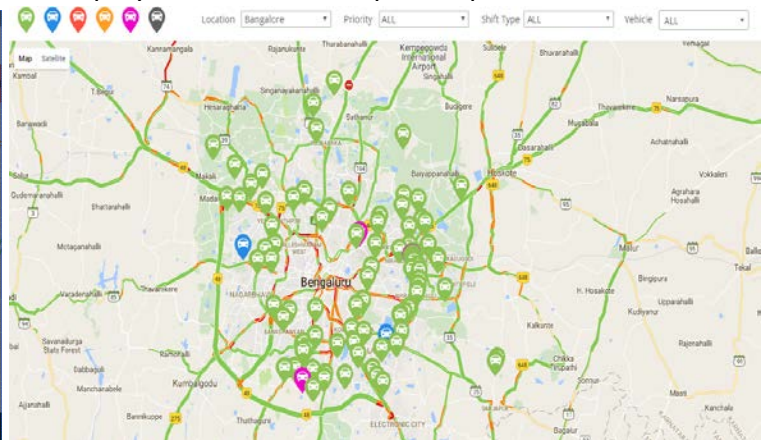
## The Solution

Agiledge did a thorough study the employee transport management process to understand the challenges and source of inefficiency in the entire supply chain of the employee transport management process. After conducting a thorough study of the process, Agiledge implemented ATOm (Agiledge transport optimization manager) to integrate the entire supply chain and eliminate inefficiency and scheduling challenges in the employee transport management process. ATOm provided the following solution(s) to the company –

- Real time tracking of vehicles for Employees and the transport department

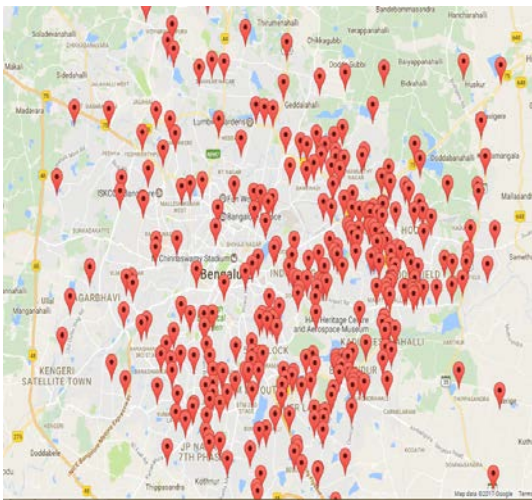


(Employee tracking)

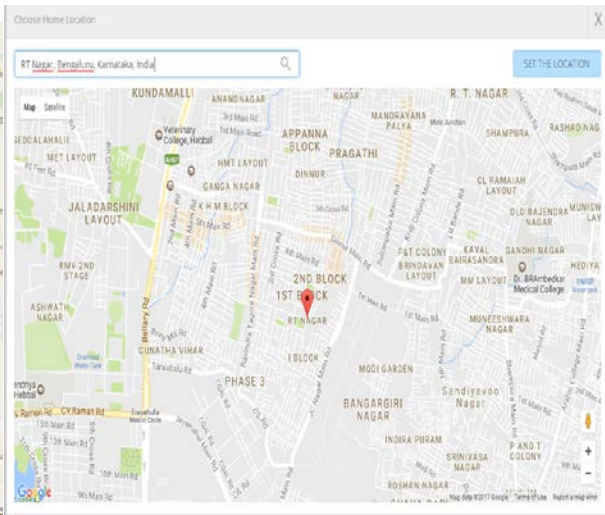


(Transport Department Tracking of all Vehicles)

- Mapping of employee location eliminating the need for managers and transport department to roster employees daily.

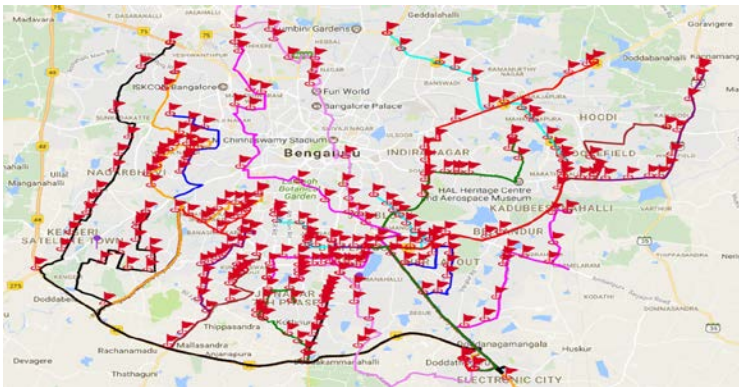


(Mapping of all Employees)

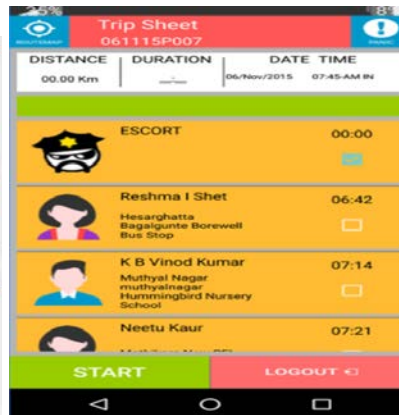
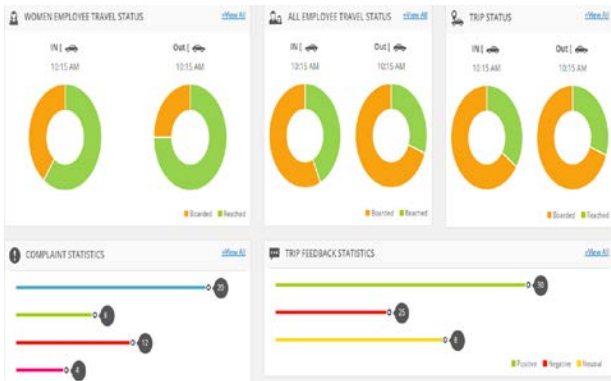


(Mapping of a single employee location)

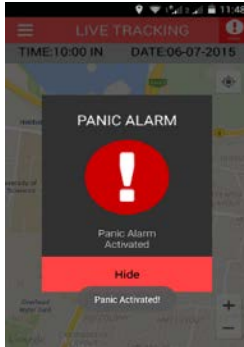
- Optimal route planning of vehicles based on advanced algorithms, improved the utilization of vehicles, and eliminated manual intervention in route planning.



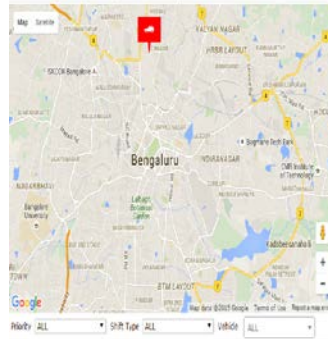
- Elimination of data aggregation issues by using analytics to create dashboards for the transport department, audit logs and e-trip sheets for drivers.



- Elimination of safety risk for women employees by incorporation of a PANIC alarm, which alerts the transport department in real time, and provides for real time tracking of the vehicle.

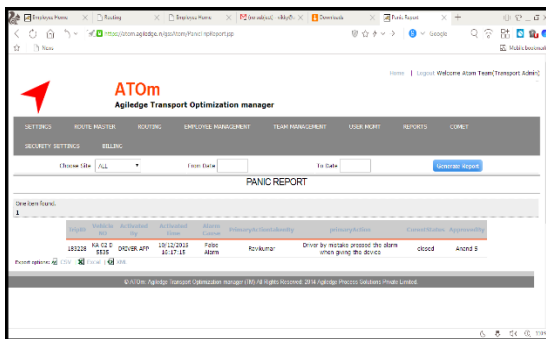


Panic Alarm



Color of Vehicle Changes to Red

Vehicle #	Status	Location	Total Trips	Boarded	Date-Time
UL29 C 1009	Panic Alarm Resend	14, 1st Cross Rd, Kalyanappa Block	7	1	2015-12-24 11:07:50.0



Panic Report Dashboard

### Benefits for the company

Agiledge's implementation of ATOm (a proprietary technology tool) resulted in the following benefits –

**Cost Reduction by 12.7 %**

**Adoption of an automated and transparent billing process**

**Improvement in Vehicle Utilization – 22%**