



## Client Business Description

- ◇ Technical Gas Products (TGP) Provides high quality medical oxygen and respiratory equipment and solutions.

## Background

- ◇ Liquid Oxygen is supplied to about 500 healthcare facilities using about 70 Trucks. Tankers refill master storage at each facility for ensuring smooth daily operations.
- ◇ The Healthcare Facility staff needs to be Trained & Certified to handle respiratory equipment like Bipap / Cpap / Tracheostomy Set-ups & Oxygen Equipment.

## Challenge

- ◇ Vehicle Telematics, Vehicle Tracking & Fleet Management were being done by “@ Road”, a Trimble Company. The solution was proving very costly for our Client.
- ◇ Training and monitoring of their Learning Programs was ad-hoc and manual.

## Idea

- ◇ To give the control of the strata in the hands of the residents and have a centralized location which stores all the information related to the management of strata and is accessible by all.
- ◇ Develop a web based Learning Management System (LMS) to help TGP manage facility wide training programs, effectiveness, re-training, tests, reminders and certifications for various Respiratory Equipment, Procedures & Setups with ease.

## Our Solution

- ◇ Developed Fleet Management System for managing routing, monitoring start / stop times, tracking mileage, hours of usage, breakdowns, idling, over speeding, fuel expenses, etc.
- ◇ Monitored gas levels in Oxygen tanks using telemetry and wireless modems.
- ◇ Online Learning Management System inbuilt into the portal.
- ◇ Integrated Quick books for client side accounting.

## Technologies Used

- BlueTree Wireless Modems 4600 Series
- TAIP / NMEA Standards, Google Maps API
- C#.NET / MSSQL

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