

# DELIVERY OPTIMIZATION WITH DYNAMIC ROUTING

17%

Reduced  
Travel  
Distance

29%

Improved  
Delivery  
Efficiency

19%

Reduction in  
Travel  
Time



Maximize  
Personnel  
Productivity

## The Client

A \$ 300 Mn diversified conglomerate located in Sri Lanka

## Industry

Diversified conglomerate I

## Overview

A well-known public listed company with over 2000 employees and operating around 65 trucks - has delivered an award winning range of products and services in Sri Lanka. The challenge for the company was to make the routing of the trucks more flexible and cost efficient.

## Business Challenge

Manual delivery plan used by the client were built based on their awareness of cities maps. The plan was not flexible and was inefficient to accommodate route changes in real-time resulting in overhead cost.

## Our Approach:

Quadratyx ARRO (Adaptive Road Route Optimization) a machine learning based advanced route optimization tool helped plan delivery route and provided real-time visibility into the client's delivery operations.

## Outcomes

- ✓ Routes were optimized to ensure on-time delivery. Considerable reduce in fuel and service cost.
- ✓ Delivery windows have narrowed and working hours respectively.
- ✓ Real-time visibility into delivery status for dispatch and stores.