

A real-time vehicle tracking solution for Gujrath Police

1) Problem/Objective

Gujrath police wanted a solution to track and monitor the entire procession of Rath Yatra of Lord Jagannath. This is a very huge annual event-taking place in Gujrath every year. The main objective was to conduct the whole event peacefully as the procession travels through communally sensitive areas.

2) ADCC's approach

ADCC offered a solution to track the movement of entire convoy for the procession. ADCC installed its fleet locator solution based on GIS-GPS-RF technology to track and monitor vehicles on a real-time basis. ADCC used the radio frequency network of Gujrath police (UHF/VHF) for tracking the entire convoy. Vehicles at the front and the back of the convoy were fitted with the system. The police could track and monitor the movement of the convoy through their control station located remotely at police headquarters. The solution fulfilled the need for real-time GPS tracking, messaging, routing, control, and management of the convoy. The police actually watched the movements of the Rath Yatra remotely through its control station and co-coordinated with the police force on the spot.

- Comprehensive fleet management system.
- Real-time functionality for
 - Tracking
 - Reporting
 - Controlling
 - Monitoring
- Emergency – Cope up effectively
- Digital Fence to ensure predefined route
- MIS Reports

3) Technologies used

The solution for SAIL was developed using VB 6.0, SQL Server 2000, and ESRI MapObjects.

4) Client Comments

"The solution was a great relief for monitoring the Rath Yatra especially in the communally sensitive areas" – Commissioner, Gujrath Police.

5) Why ADCC

a. Expertise

Excellent Resource Pool of professionals with average 4 years experience and rich domain knowledge across various industry verticals. 100 man-years of experience working on different software projects.



b. Infrastructure

State-of the-art, Scalable Infrastructure with 6 Servers, 75 Client Nodes

c. Delivery Model

A delivery model for 365x24 services levels tailored to client needs for offshore, onsite or virtual onsite service delivery.