

Bus Tracking System



Challenges/Pain-points

- Waiting time of employees
- Speed and location, billing issues in distance travelled
- Inefficient use of employee resources
- Multiple bus operators, multiple locations, no central tracking system
- Manual accounting for fleet operators
- Manual accounting for employee cross charging



Solution

- Simplified employee registration, integrated with HRMS system, ensuring data protection and privacy
- Provide Real time information for preset route using GIS map
- Android/IOS Mobile app for real time tracking with ETA for destination
- Wi-Fi in all buses for internet usage
- Over speed & panic alert instantaneously
- Operational & accounting reports



Technology Platform

Application hosted on cloud
RADIUS for AAA
SMS gateway to send OTP
Sim card for internet access
GPS tracking devices
Mobile app (IOS /Android)
HID reader to capture employee swipes
Panic button in all buses
Web based network monitoring



Benefits

- End to end cloud hosted solution
- Centralized live tracking of fleets
- Easy reconciliation of fleet operator invoices & employee transportation charges
- Real Time bus movement tracking in mobile devices
- Less of physical maintenance of GPS devices
- Instant alerts on overspeed and panic situations

