



City Bus Intelligent Transport Systems in Chhattisgarh

Stesalit Systems Ltd is in implementing City Bus Intelligent Transport Systems in Chhattisgarh across all UPTS locations throughout the state. The project is now under pilot implementation across three cities of Bilaspur, Raipur and Korba and will be ready for deployment and roll out next month. Central Control Centre, Zone Command Control Centre, Core City Command Control Centre and Depot Command Control Centres have already been established across the pilot cities.



SMART TRANSPORTATION

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authorities now can monitor every movement and aspect of the newly acquired buses sitting from the central control centres with the ease of click of a mouse button. All new buses acquired under UBS II specifications follow same integration pattern and can transmit all diagnostic parameters of the bus along with GPS location of the vehicles. All the sensors activated in the buses like Fuel Level, Engine Speed, Oil Temperatures, Electrical Systems, Security Systems have been integrated under Internet of Things (IoT) architecture and live feed of the same can be viewed and analysed through the central software application hosted at State Data Centre and broadcasted through a browser based application.

This is the first time a state-wide implementation of Intelligent Transport Systems is being done in India. Stesalit has created the solution with its indigenous technology developed in its own R&D centre.

The control centre team can easily monitor at any instant of time:

- WHERE THE BUS IS LOCATED,
- HOW MANY TRIPS IT HAS DONE,
- HOW MUCH FUEL THE VEHICLE IS CARRYING OR HAS THERE BEEN ANY PILFERAGE
- ENGINE PARAMETERS OVER A PERIOD OF TIME FOR PREVENTIVE MAINTENANCE
- RASH DRIVING PARAMETERS FOR DRIVER RATING AND SCREENING
- SECURITY CAMERA VIDEO FEED

