



EDUCATION SECTOR

MAKING SCHOOL BUS JOURNEYS SAFER

Kolej Tuanku Ja'afar is one of the nation's premier international schools with a reputation for quality British-style education serving students aged three to 19. Famed for its beautiful and expansive 80-acre countryside campus, Kolej Tuanku Ja'afar is located in Mantin, Negeri Sembilan. Apart from being a boarding school, Kolej Tuanku Ja'afar also welcomes hundreds of 'day' students from the Klang Valley

Dedicated school buses transport these largely primary-level students between their homes and the school every day and total travel times can reach up to two hours a day in congested traffic. Given the distance and lengthy travelling times, it is thus expected that parents require greater reassurance that their children have safely boarded and disembarked from their school shuttle services on a daily basis.



ON-BOARD TRACKING AND MONITORING

Kolej Tuanku Ja'afar was able to offer this much-needed reassurance to concerned parents by providing them with the means to monitor their children's transportation schedule as well as safe arrival at school and home. This is done by way of a simple-to-implement Bus Attendance and Tracking System (BATS) by CALMS® Technologies.

The BATS system involves a dedicated smart card issued to each child that records each time he/she boards and disembarks from the school bus. A real-time GPS School Bus Tracking Software works in tandem to monitor the respective school bus routes, allowing parents to track their child's journey in real time via map view on mobile or PC.

PEACE-OF-MIND WITH REAL-TIME NOTIFICATIONS

The BATS system offers peace-of-mind to parents in a multifold manner. First, the dedicated smart card works as an access pass ensuring only eligible students board the correct school bus every day. The system then instantly notifies each parent of their child's embarkation and disembarkation via real-time apps notifications. A map-tracking function that busy parents can conveniently access via mobile or PC allows them to check the location of the bus in real time wherever they are and parents are now easily kept in the loop of their child's location and well-being at all times.

SCHEDULES AND RECORDS GENERATED FOR EFFICIENCY

Additionally, with BATS in place, students do not miss their rides as the system tracks and provides exact time details of the daily bus schedule. With this function, students are aware of exactly when their bus is arriving or departing. Buses therefore operate more efficiently and on-schedule as a result.

This system also benefits the school by providing comprehensive reports on student numbers, daily attendance, student location and other related information. This data aids in generating useful reports and trends, leading to continually improved operations and student-management for the school.



TRUSTED CALMS® SOLUTION BENEFITS ALL

With the deployment of the CALMS® BATS system, Kolej Tuanku Ja'afar has successfully assured parents and, in the process, reaffirmed their status as a leading Malaysian institution for international education.



ISO 9001: 2008 CERTIFIED



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