

Kid Safe by

Child Safety Using Active RFID System



Monitoring System



School Building



School Bus

Wireless connection (SMS, GPRS)

School Management is one of the promising applications in the field of RFID technology.

RFID is the FUTURE.....

Need for Securing Child Safety

- Parents are anxious about their wards safety while travelling to and from school.
- School Administration needs to monitor fleet service and ensure safety of children
- Rising number of crimes etc. especially against school going children and reckless driving necessitates tracking especially when children are on the road.

What the system offers

- Each child will have a RFID Badge
- School and bus will be provided with necessary hardware and supporting software
- Alerts through Short Messaging Service(SMS) will be sent the moment child enters / leaves school premises or the moment child alights/boards school bus
- SMS to Multiple numbers can be sent (to father , mother or any other designated guardian)
- The route that the bus is taking can be tracked by parents and School Administration.
- E-mails /SMS can also be sent to parents on the child's movement– this is easily configurable by users themselves by logging on to the internet

Benefits

- Parents / guardians can get real time information on child's movement. Anxiety over delays caused en-route is minimised as flow of information is continuous
- Pick up from bus dropping point can be scheduled by parents
- School Administration is armed with tools to check/monitor routes taken by bus drivers and check any erratic behaviour
- School is able to obtain Attendance details easily from reports generated

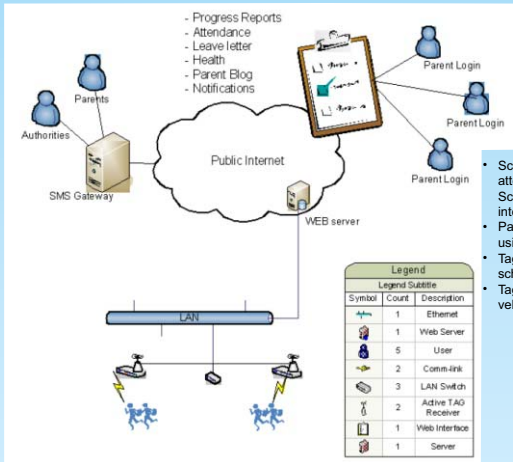
Technical Highlights

- Active RFID system works at 2.4GHz frequency (ISM band)
- Uses ultra-low power chipsets ensuring long battery life
- Two-way Tags, which renders itself useful for several industrial applications where 2-way communication is required
- Very small form-factor
- Low cost of maintenance
- Simple and ready-to-deploy anytime anywhere.
- No need for expensive antenna systems.
- Re-usable Tags

Highlights Continued..

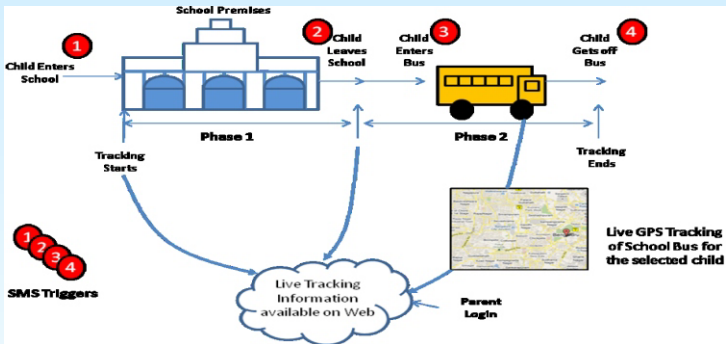
- Child Tracking information is in Real-Time
- SMS alerts can be sent as soon as the child gets on to the bus and SMS alert sent as soon as the child gets down from the bus, including the location where the child was picked up and dropped off
- Simple bus tracking solution using GPS does not ensure the child is in the bus and hence our RFID based system closes this loophole, since a school may have a fleet of buses running at any given point

School Children Tracking and Attendance



- School Children could be tracked for attendance as soon as they enter the School Premises, without any manual intervention
- Parents could be Automatically alerted using SMS
- Tags could be permanently fixed on school bags or existing ID cards
- Tags can be fixed on Authorized vehicles which pick up children

Programmable Alerts



Live - School Bus Tracking



Our Other RFID Products

- Patient / Student Tracking
- Inventory Tracking and Locating
- Underground cable locating
- Car park solutions
- Wagon / Dumper Tracking

Our Other Products

		
ID CARDS	MEMBERSHIP & COIN CARDS	SCRATCH CARDS
		
ATM CARDS	HOLDERS & TAGS	TIME ATTENDANCE & BIOMETRICS
		
SMART CARD READERS	NISCA CARD PRINTERS	POINTMAN CARD PRINTERS
		
EVENT REGISTRATION	GIFT VOUCHERS & VARIABLE DATA PRINTING	SMART CARDS & CHIP CARDS



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