Integrated Solution by SkoolSmart-No Swiping of Cards (Automatic Detection)

Bus Solution

Bus Reader (*RFID+GPRS+GPS*)

SMS Facility

Individual Tracking

Vehicle Tracking

Campus Solution

Gate Reader(*RFID+GPRS*)

SMS Facility

Attendance Monitoring

Security of Student

*Additional Integration

Note: *Solution can be enhanced by additional features as per the school requirement

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SkoolSmart-*Advantages-No Swiping(Automatic Detection)*

Children are safe   from Home   →School   →Home

To Parents

➢ **Prior SMS alert about BUS arrival for pick-up and drop**

➢ **SMS alert on child Boarding/Alighted from BUS or Bus breakdown**

➢ **SMS alert about STUDENT Reached and Left School**

➢ **Real-time informational about student transit from School**
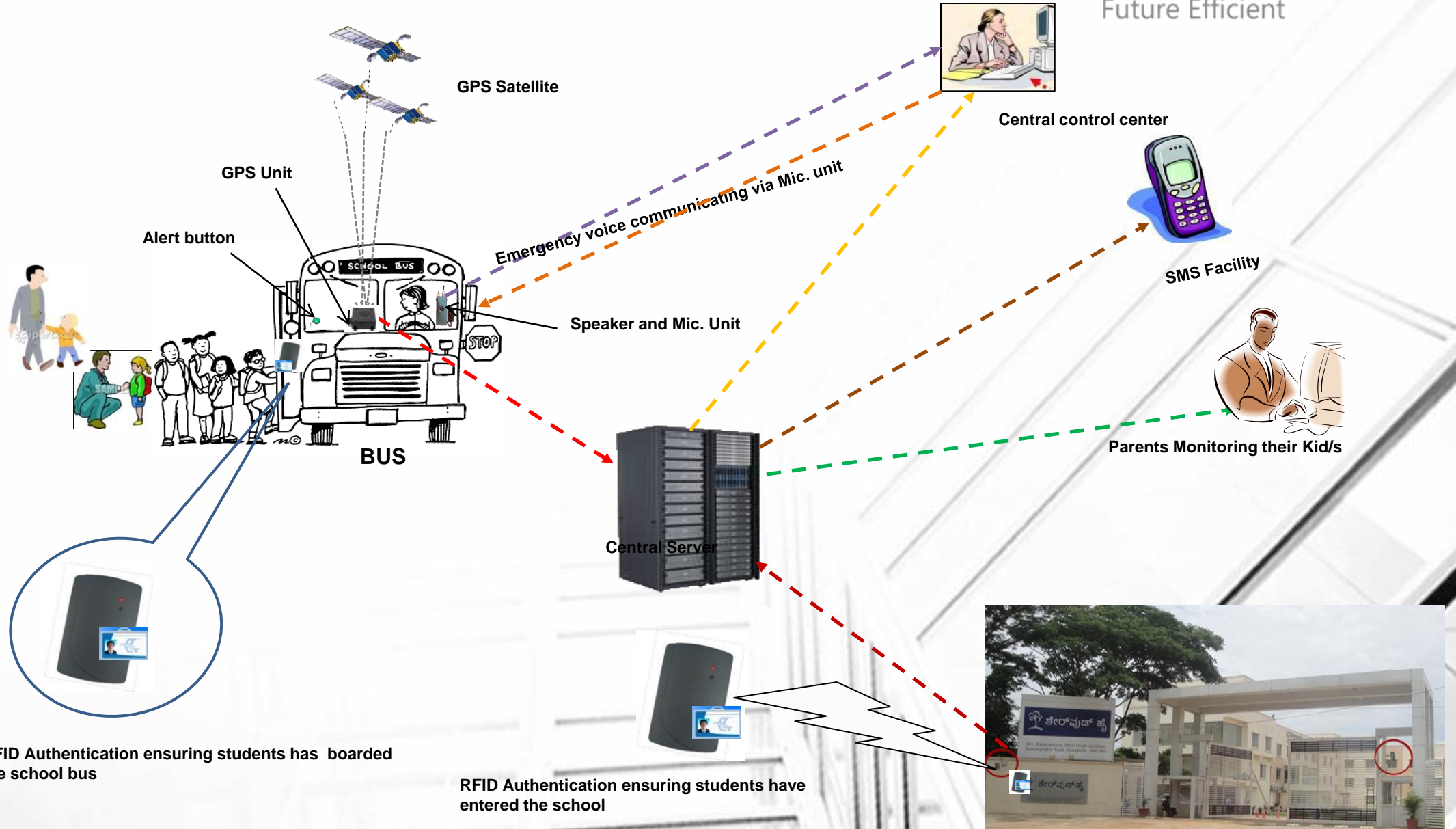
To School Administration

➢ **Live view of School BUS on Google Map**

➢ **Over Speed alert**

➢ **Total distance travelled by BUS for each trip**

➢ **Report and attendance for Bus and School Campus**

➢ **Real-time view of image inside the Bus*(Camera Option)**

➢ **Vehicle Air Conditioner ON/OFF status which can be reported with time**

➢ **School Bus conception report**

One Point of Contact SkoolSmart Manager

➢ **One point contact for school on customer care/ SLA's Resolution**

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How SkoolSmart works ?

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GPS Satellite

GPS Unit

Alert button

Central control center

Emergency voice communicating via Mic. unit

Speaker and Mic. Unit

SMS Facility

BUS

Central Server

Parents Monitoring their Kid/s

RFID Authentication ensuring students has boarded the school bus

RFID Authentication ensuring students have entered the school

SkoolSmart for every need

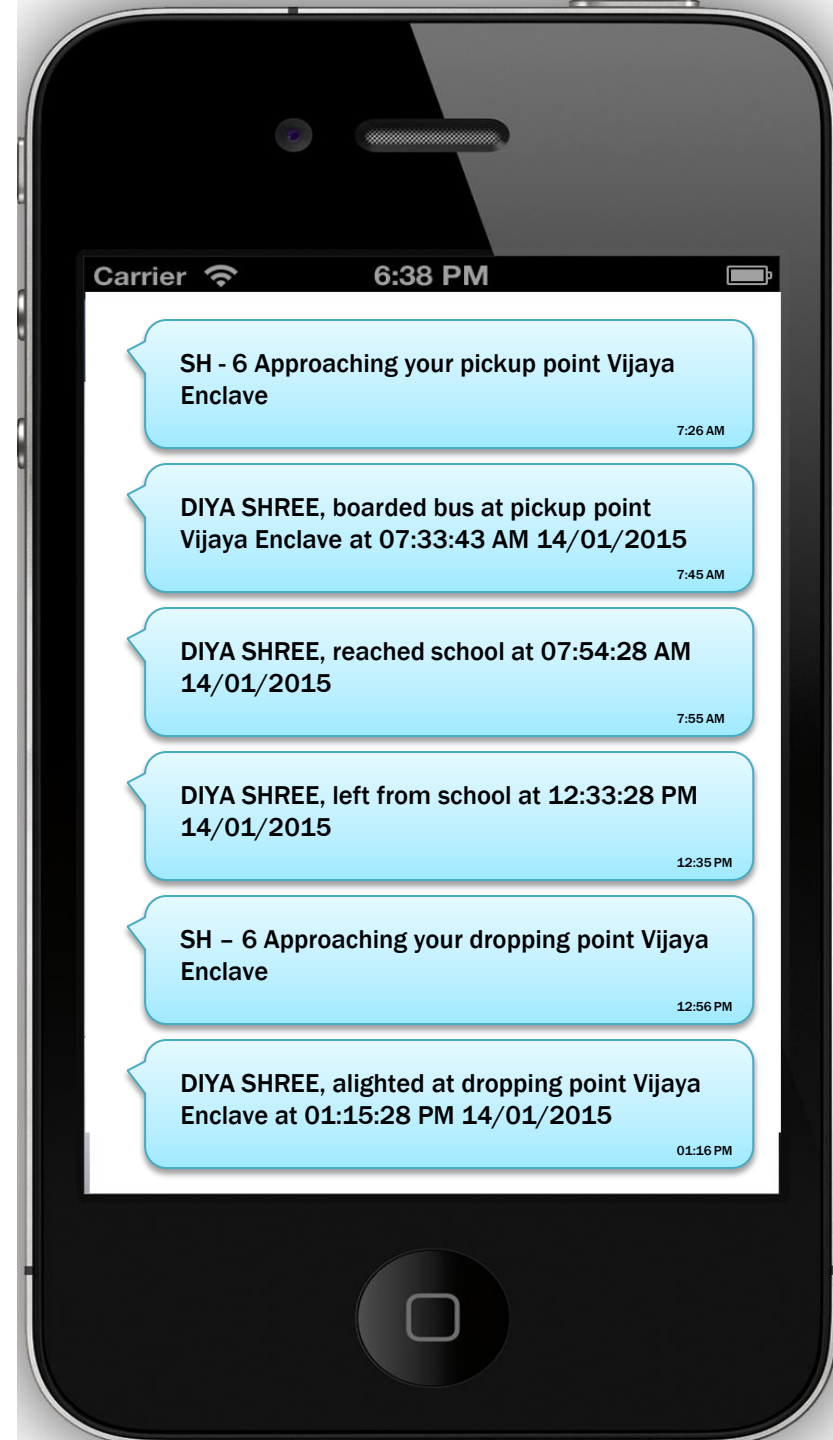*RFID Feature-Specific to each Child-No Swiping(Automatic Detection)*

✓ Taking the real-time data from the active RFID card of each child

✓ Sending the data through GPRS Real-time to the Centralized Server

✓ SMS sent to respective parents

SMS Feature

✓ Parents will be informed by SMS

✓ Over Speed Alert SMS will be sent to transport manager when bus is exceeds the set speed limit

✓ Vehicle Idle Alert SMS will be sent if bus is idle for more than specified amount of time while picking or dropping students
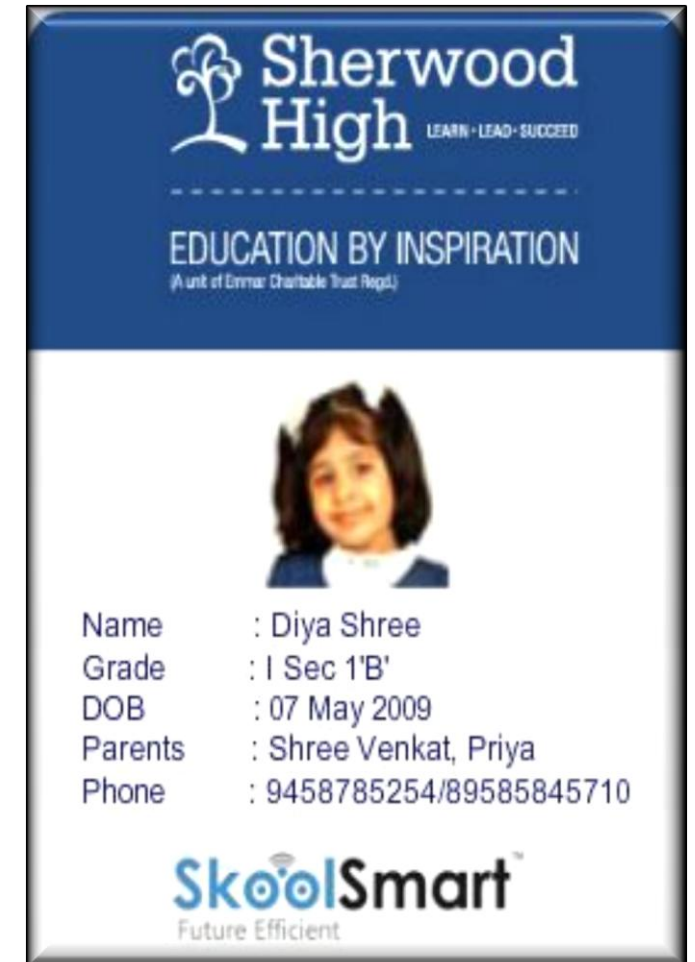
GPS Feature

✓ Location of your vehicle anytime, anywhere

✓ Information about vehicle on running conditions

✓ Comprehensive trip reports

How Active RFID Tag look like ?

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✓ It will become default ID card for the student

✓ Sleek - Lithium Ion Battery(Coin Cell), can work up to 2 years

✓ The tag has read and write capability with user interface

✓ Active RFID tag can be customized with School Logo and other

details as per the school requirement

✓ The Active RFID Tag have the warranty period of 2 Years

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EDUCATION BY INSPIRATION
(A unit of Emmar Charitable Trust Regd.)

Name   : Diya Shree
Grade   : I Sec 1'B'
DOB   : 07 May 2009
Parents   : Shree Venkat, Priya
Phone   : 9458785254/89585845710

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Active RFID Tag with Panic Button

✓ Panic button is the additional feature for Active RFID Tag

✓ It is very useful at the emergency situational where

preprogrammed alerts will be triggered for action by authorised

✓ It will give this real time information to the Command Center

Specification of Bus Reader and Camera

✓ Bus Reader is a GSM+GPRS+GPS+RFID+Camera*

✓ *JPEG Camera is used for taking periodic or event based snapshots and sent over GPRS to Centralized Server on Real-time

✓ *Wi-Fi Video recording camera which saves the data and can retrieve the data whenever it is need

✓ RFID Tag is tracked by integrated Active RFID reader and transmit the data to Centralized Server using cellular network (GSM+GPRS)

Note: *Camera/DVR is optional as per the school requirement

Specification of Gate Reader

✓ Gate Readers is a GSM+GPRS+RFID

✓ Gate Readers is a standalone device which can detect RFID

tags in the range of diameter up to 70-80 meters

✓ RFID Tag tracked by Gate Reader will transmit the data to

Centralized Server using cellular network (GSM+GPRS)

✓ Gate Reader is protected by an IP-65 weather proof enclosure

which protects the equipment from sunlight, rain, etc..,

SkoolSmart Web Application

✓ SkoolSmart Web Application is provided with User Name and Password (Login Page)

✓ Web Application is provided with an integrated screen(Dashboard)

✓ Web Application is provided with Attendance tab with the customized options like
  ➢ School Summary
  ➢ Class Wise Summary
  ➢ Class Wise Detail

✓ Web Application is provided with Bus Tracking tab with the customized options like
  ➢ Bus Status
  ➢ Track Live(Map)

✓ Web Application is provided with Student Tracking tab with the customized options like
  ➢ Track Student
  ➢ Sent SMS

✓ Web Application is provided with Report tab with the customized options like
  ✓ School Summary
  ✓ Class Wise Summary
  ✓ Student Wise Summary
  ✓ Bus Travel Summary
  ✓ Bus Over Speed Report

Note: Reports can be Extracted into Excel format, PDF format and Word format.

SkoolSmart Related Web Link

SkoolSmart Animated Video link:

https://www.youtube.com/watch?v=sbeLL7ff0Oo

SkoolSmart Product details link:

http://energywin.in/skool_smart.html

SkoolSmart Client details link:

http://energywin.in/clients.html

Energywin Technologies Private Limited company profile link:

http://energywin.in/index.html

School Cab Safety Panel details link:

http://epaperbeta.timesofindia.com/Article.aspx?eid=31806&articlexml=
Cab-safety-panel-a-must-24072014004027

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