

## **RFID BASED SCHOOL MANAGEMENT SOLUTION – TAG SCHOOL**

**“OBEROI INTERNATIONAL SCHOOL ADOPTS AN AUTOMATION TECHNOLOGY TO MANAGE ATTENDANCE OF STUDENTS ALONG WITH TECHNOLOGY UPGRADES FOR THEIR CANTEEN AND LIBRARY.”**



### **COMPANY**

*Oberoi International School*

### **TYPE OF BUSINESS**

*Education Institute*

### **WEBSITE**

*[www.oberoi-is.org](http://www.oberoi-is.org)*

### **LOCATION**

*Gorgegaon East, Mumbai*

### **THE RESULTS**

*Student attendance checking - automatically record all attendance information*

*Parents/guardians can be notified instantly and automatically*

*Single card can be used for multiple facilities*

### **COMPANY PROFILE**

*Oberoi International School is an IB World School. It is a contemporary urban school, part of Oberoi Realty's integrated township - Oberoi Garden City which is spread across 80 acres of land located in Goregaon (East). Set in a lush serene beautiful campus (designed by a team of world-renowned Singapore-based architects), we offer curricula that are recognized by the maximum number of universities across the globe.*

*The IB programme is a practical and application based programme designed to focus on the holistic growth of the child - physical, emotional, intellectual and spiritual. The programme promotes an understanding of similarities and differences between varied cultures thriving in the world.*

### **PROBLEM STATEMENT**

*The ability to locate and track children is a vital issue to both parents and school staff. Identification and tracking can be achieved, with today technologies in different ways. Radio Frequency Identification (RFID) - based tracking for locating children in predefined areas such as: Schools. GSM/GPRS based tracking for locating children anywhere. Radio Frequency (RF) - based tracking is for helping parents to keep an eye on their children wherever they are.*

### **BUSINESS CHALLENGES**

*Student tracking is important to enhance security for children. Lack of ways to know where your child is results in:*

- *Mishaps and missing children*
- *Parents loosing sleep due to continuous concern for their children's safety*
- *School authorities penalized heavily in case of a mishap*
- *Children missing school and classes*
- *Providing an easy hassle free way of issuing books from Library*
- *Convenience to students for availing the canteen facilities*



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### SOLUTION

*Rasilant met all challenges to deliver a solution which is smart, effective, cost-concerned as well as easy to use, since Tag School is the management system which is a very critical area for student tracking and safety and parent's peace of mind.*

- *Every student was provided with RFID tag in the form of an ID Card*
- *RFID Readers are installed at strategic locations (e.g.: Main Entry, Floor entry etc.)*
- *RFID Readers are installed in the Library and the Canteen*
  
- *The readers at the main entrance capture the attendance of the students entering the school premises along with identification of their guardian*
- *The software ensured that the guardian picks up the right student after the school hours – prevents any anti – social activities*
- *The readers at the library help students issue books in a more convenient manner*
- *The readers at the canteen debit the necessary amount from the card of every student. The card in this case acts as a debit card.*
  
- *Overall management of all facilities through one single web based solution with independent access.*
- *Generation of timely reports for school authorities and guardians*

### BENEFITS

Student attendance checking - automatically record all attendance information

School notice- teachers can inform them parent meeting, payment, etc.

Parents/guardians can be notified instantly and automatically

Single card can be used for multiple facilities - Canteen and Library

School authority will be able to track and monitor attendance of students at School at real time

**For more information on RASILANT PRODUCTS contact us on:**

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