# COMPENDIUM



#### **FUTURE OF SCHOOL BUS MONITORING EXPERIENCE**

A complete and real-time connection between the bus, the school and the guardians/parents to have the location of the buses and kids up-to-date by using the best reliable technology available.

With this rapid increase in the smartphone users it paves the way for technology based applications to service towards safety and security of individuals. We are expecting rapid change the way people uses phones, using them from just a phone to multi-tasking tool to do almost everything possible.

THEN WHY NOT MONITOR THEIR KIDS.

### DO WE NEED SUCH TRACKING ?

- If the child does not board/missed the bus while pick/drop
- If bus takes a halt between school and home
- In the event of abnormal behavior such as, bus changing route, bus delay, etc.
- Any form of bullying by the co-passenger or abuse by the bus staff
- In the event of unfortunate incident (accident, hijack,

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#### **UNFORTUNATE INCIDENT**

- ☐ HORROR ON A SCHOOL BUS IN GURGAON,
  ATTACKED BY MOB PROTESTING "PADMAAVAT"
- ☐ TRUCK FLOORS NEW TOWN SCHOOL BUS SPEEDING

**AND NO - ENTRY VIOLATION** 

☐ RYAN SCHOOL MURDER etc...

# THE PRECAUTION

- ✓ DIRECTIVES FROM GOVERNMENT- NEW DELHI
- ✓ CBSE NEW SAFETY GUIDELINES <u>CBSE/AFF./Circular-8/2017/1217401 dated 23/02/2017</u>
- ✓ National Disaster Management Guidelines –
- School Safety Policy -2014

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#### **NODAL FRAMEWORK MSB**







SIMULTENEOUS

STRATEGIC

**RESPONSE SYSTEM-BEAC** 

**AMBULANCE** 



**QUICK RESPONSE TEAM** 





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**SCHOOL AUTHORITY** 

**MSB** 

**OPERATIONS** 

**HUB** 

**DISTRESS** 

**PARENTS** 

**DIRECT MONITORING** VIA APP

**SCHOOL** BUS

REPORTS/ anomily/distress

**MSB ADMIN MSB SERVER** 

> DAILY DATA BASE TO MSB SERVER WITH **COMPLETE REPORTS**

SCHOOL BUS PICK/DROP FUNCTION **OPERATIONS** 

> **BIO-METRIC** LOGIN



## **COMPENDIUM**

## DISTINCT FEATURES - WHY MSB?

- > HIGH AUTHENCITY OF DATA FOR STUDENTS BY BIO-METRIC / QR -CODE (NON- RFID)
- > AUTHENTIC DATA BASE FOR DRIVERS / HELPERS (BIO-METRIC) ALONG WITH POLICE VERIFICATION
- SURVIELENCE SYSTEM TO MONITER ANY FORM OF MALPRACTICE INSIDE BUS
- > DEDICATED CUSTOMER SERVICE LINE -17X5 + SCHOOL EVENT DAYS
- > EMERGENCY RESPONSE SERVICE(QRT)
- > NETWORK AMBULANCE
- > SIMULTENEOUS STRATEGICAL RESPONSE SYSTEM BEACON)

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