Overdrive ®
Now, That's Accurate.

School Bus Monitoring Solution
Transport passengers safely

A comprehensive transportation management solution that empowers schools, parents and bus operators to keep a watchful eye on their students and passengers while commuting between homes and schools. Its real-time monitoring capabilities ensure effective management of transport operations and optimization of bus routes - putting safety as our top priority.

Peace of Mind
Have maximum comfort and security in knowing passengers are transported safely.

Enhanced Driver Management
Monitor driver's behavior and habits to ensure the safe commute of the passengers.

Minimize Waiting Time
Manage transport timing by knowing the exact time the bus arrives.

Ease of Communication
Enables quick communication and transparent operation.

Improved Fleet Utilization
Automate the routing, planning, and scheduling of bus to have better fleet efficiency.

Improved Maintenance Management
Know when your bus requires maintenance to minimize downtime and unnecessary costs

Let's take a ride together!
Integrate our School Bus Monitoring Solution into your business.

Students will be given a unique ID. It can be in a form of barcode, QR code or a BLE beacon.

Driver uses a mobile app to scan or swipe the unique ID upon boarding.

School Bus Monitoring Solution consolidates all data to provide real-time updates to operators, schools and parents.

How School Bus Monitoring Solution works

Overdrive's school Bus Monitoring Solution is more than just a GPS tracker for students. We provide flexible services that come together into a wide-ranging transportation management solution. Equipped with an attendance tracking module so that no student will be left behind and a route management function that allows drivers to plan their routes – saving time, reducing cost and increasing productivity.

Since the platform has very little hardware deployment reliance, it has the ability to scale in faster. The solution serves as a way of monitoring the safety and security of students during transit and gives a sense of visibility for parents to ensure their kids are safe at all times.

Key Features

Real-Time Analysis
Get updates with minimum delays.

E-Wallet
Digitally manage payments and monitor payment status.

Notifications
Generate notifications once a particular event happens.

System Alerts
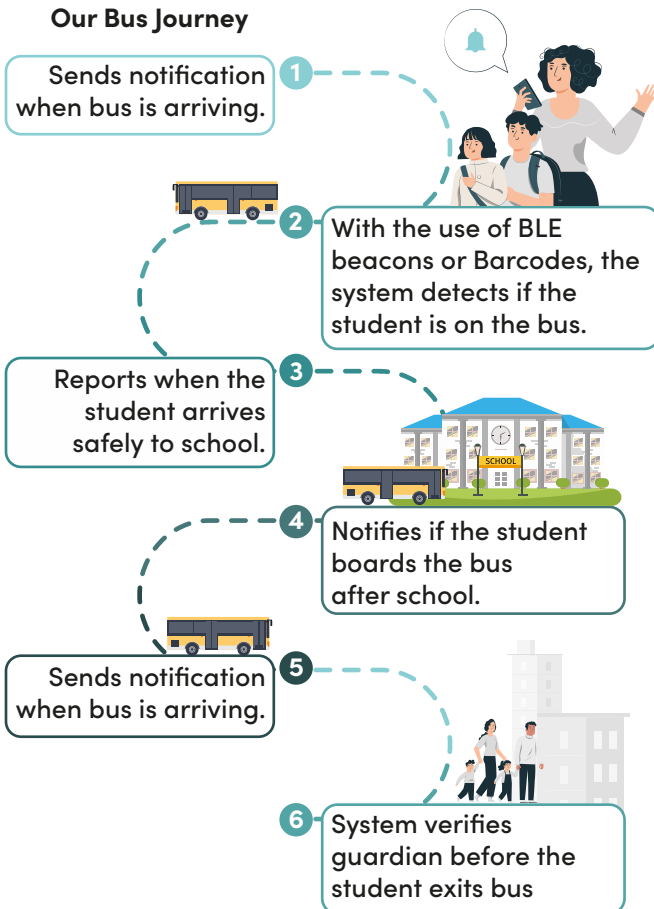Set triggers such as SMS notifications and email to the right people.

Reports
Access real time data. Set rules and conditions to get the best report for your needs.

Route Optimisation
Plan daily travel routes for shorter commute and improve well-being for each student.

Our Bus Journey

1. Sends notification when bus is arriving.

2. With the use of BLE beacons or Barcodes, the system detects if the student is on the bus.

3. Reports when the student arrives safely to school.

4. Notifies if the student boards the bus after school.

5. Sends notification when bus is arriving.

6. System verifies guardian before the student exits bus

The Technology

A safety tracking platform that utilizes high-powered BLE Beacon and radio-frequency identification (RFID) tags that allow parents to pro-actively supervise their child's travels for peace of mind.

RFID Technology
Digital data encoded in RFID Tags are captured by a reader that allows sensor data including movement and location to be wirelessly transmitted.

BLE Beacon
A low-energy Bluetooth technology that sends send signals and transmits valuable data to smart devices nearby.

*No hardware required other than a Smart Phone.

Our mobile application supports various modes of detection such as Barcode, QR code scanning, BLE Beacons and RFID Tags for quick and ease of use.

Who Are We

Overdrive is the leading real-time asset monitoring IOT company in Asia that provides end-to-end IoT solutions and automates data sensing of various types of assets within a business ecosystem, from vehicles and machinery to facilities and people – all under one roof.

What We Do

Specialises in

- Vehicles Monitoring
- Airport Management
- Vessel Tracking
- Heavy Machinery Monitoring
- Smart Hygiene
- Environmental Monitoring
- Sustainability Solution

Hello,
We Are Overdrive.

Overdrive IOT Pte Ltd

www.overdriveiot.com

ask@overdriveiot.com

+65 6950 0890

Overdrive®
Now, That's Accurate.