Overdrive®

School Bus System
Transporting 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 ensures an effective management of transport operations and optimization of bus routes - putting safety as our top most 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 System into your business.

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

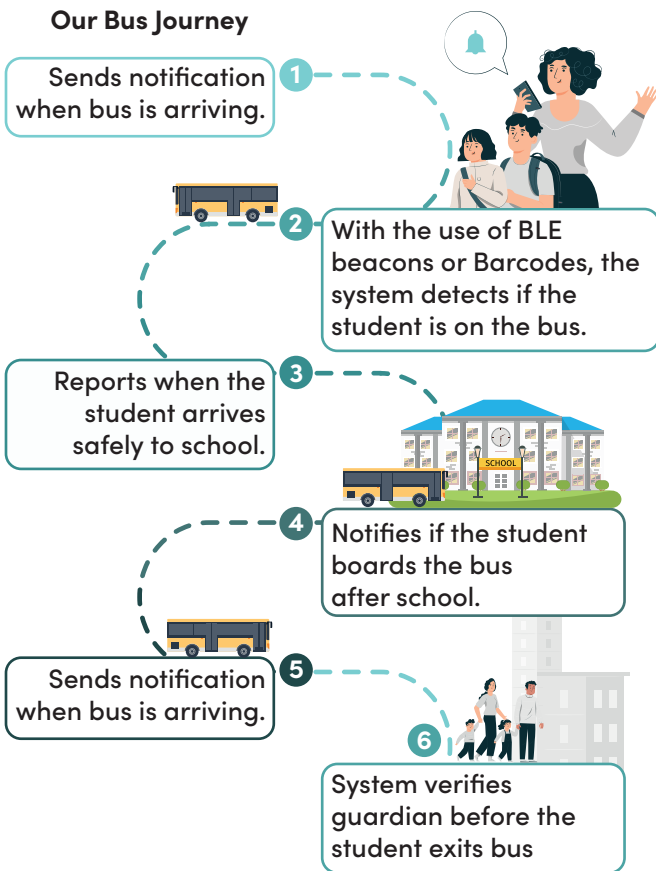**Driver** uses a mobile app to scan or swipe the unique ID upon boarding.

School Bus System consolidates all data real-time for the driver app and present information to operators, schools and parents.

How School Bus Tracking System Works

Overdrive's school bus system 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 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 system 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 system 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 a Internet of Things (IoT) company that can intelligently connect physical assets with natural and artificial Intelligence across entire ecosystems so as to give clients the power to monitor, change and track virtually anything from practically anywhere. We provide a suite of holistic IoT products and solutions – all under one roof.

What We Do

Specialises in

- Fleet Management
- Assets Monitoring
- Environmental Sensing
- Vehicles Monitoring
- Real Time Location System

and more.

Hello,
We Are Overdrive.

Overdrive IOT Pte Ltd

www.overdriveiot.com

ask@overdriveiot.com

+65 6950 0890

Overdrive®