

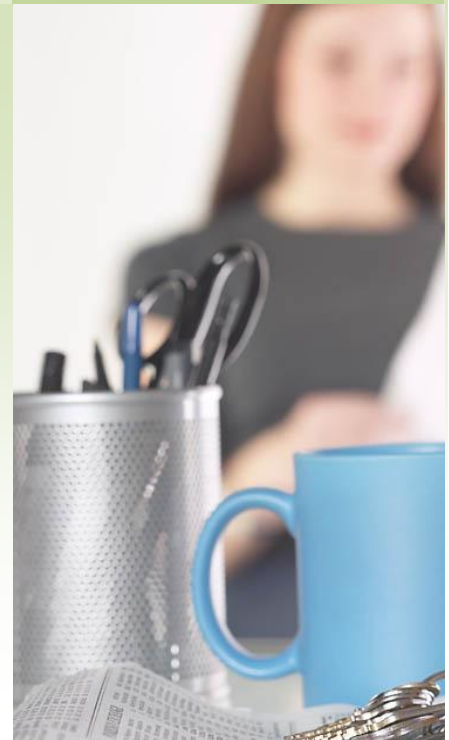
# KidLogistics™

## An Automated Student Monitoring And Reporting System

KidLogistics™ is a comprehensive suite designed for the changing needs of secondary and elementary education institutions. As a multi-departmental student identification system for schools, it provides safety for risk management, funding through attendance and supervision to transportation using the SecurTag™ RFID technology.

The KidLogistics™ suite provides expandability and scalability with modules that allow schools to select and build a solution which best meets their requirements. KidLogistics™ is a solution that resides within the intranet of a school district's own network.

The KidLogistics™ system lets a school know which child they are responsible for as soon as a student passes through a bus door or steps on campus. With a student RFID ID card that automatically updates, school officials have a real-time knowledge of their students' approximate location which then allows for automating the attendance verification process.



### Modules

KidLogistics™  
HallPass™

KidLogistics™  
BusPass™



## HallPass™

The HallPass™ module allows school officials to monitor the proximate locations of their students as they walk around the school including outdoor facilities due to the placement of SecurTag RFID readers throughout the campus.

Students carry issued RFID ID Cards that transmits its assigned ID card number once every 30-seconds. The RFID Readers collect each received ID card number and then immediately transmits it back to the KidLogistics™ server. There are no privacy concerns because there is no personal information in the RFID ID Cards, only a unique public identification number.

*KidLogistics™ is an automated solution that benefits every department from Risk Management to Transportation but it's the Attendance where schools can measure a return on its investment.*

## Features

Identify the proximity location of a student in a building.

Identify when a student arrives and departs a building.

Identify the duration of a student at locations such as class rooms, cafeteria or library.

Identify if any students are in a building during a fire drill.

Generate reports based on students, locations and times.

Import students information: Name, Grade, Contact and photograph.

Export students' attendance verification records to a third-party attendance program.

## Automated Attendance

The KidLogistics'™ *active* SecurTag™ RFID system is totally automated and provides continuous updates in real-time; a method that is both non-intrusive and requires no effort by the student and faculty carrying an issued KidLogistics' RFID ID Card. This is different from *Passive* RFID ID Card solutions that borrow products from access control which only report the time and location of a person after they manually swipe their RFID ID Card in close range of passive readers.

The KidLogistics'™ automated solution benefits every department from Risk Management to Transportation but it's the Attendance where schools can measure a return on its investment. An audit of a KidLogistics'™ automated system verses the traditional manual attendance reporting would show that 5 to 7 students a week per school location can be missed marked, which in turn, means lower average daily attendance (ADA) percentages.

Plus automating the attendance reporting and verification process doesn't just provide time savings to the Attendance Department but eliminates one of a multitude of tasks that already burden our educators in today's teaching environment.



## BusPass™

The BusPass™ module allows school officials to monitor the location of students who are riding the school buses while the Transportation Department is able to track the location of their school bus fleet.

The school buses are equipped with a GPS tracking device that communicates over a wireless network to report their location. They are also equipped with a SecurTag™ RFID Reader that collects the ID Card number of the student passengers. Students carrying their issued RFID ID Card that transmits its assigned ID card number once every 30-second.

The RFID Reader collects each of the received ID Card numbers and generates a list of passengers, which is transmitted back to the KidLogistics™ server once every minute through the wireless network.

Also with the RFID ID Card's updating, school officials can then determine if a student is not riding the correct school bus and with the missing of non-reporting RFID ID Cards, school officials can determine who did not ride the bus based on a time range.

To track the location of a school bus and review its history route, the Transportation Department uses a fleet management solution called WebAVL™.

## Features

Identify the location of a student riding a school bus.

Identify which students were picked up at a bus stop location and when.

Identify which students were dropped off at a bus stop location and when.

Identify the passengers riding a school bus if there was a bus accident.

Identify which students did not ride the school buses each day.

Identify which students are riding the wrong school buses.

Identify how long each student is riding each school bus.



## Gateway Communications, Inc.

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904 S Park Ave  
Tucson, AZ 85719  
(520) 882-8730  
(520) 64-2727  
Info@GatewayRF.com

Find us on the Web:  
[www.KidLogistics.com](http://www.KidLogistics.com)



## About Us

For over 25 years, Gateway Communications has been providing clients around the world with proven location-based solutions. Gateway designs, manufactures and integrates wireless end-to-end solutions that allow their clients to locate, monitor, sensor and control their remote assets.