Smart-Tag

Student tracking system that integrates with Transfinder Routefinder Pro and our Aeries Database

Smart-Tag Software

- Smart-tag integrates with Routefinder data. All drivers are given a tablet with all driver information, all bus information and all route information. When a driver logs into a particular route, they will not only be uploading the route with it's directions and map, but a roster of all students eligible for the route they are covering.

- Each time a student scans into the bus, it will notify the driver whether or not the student belongs to the route they are on.

- It gives live rosters at all times so that if you need to know if a student is on a bus, you can access the information immediately.

- SMART tag offers a bus ridership program for all elementary and secondary students that monitors where and when students board or disembark a bus. The SMART tag system utilizes passive RFID technology and cloud-connected tablet computers, allowing the District to verify accurate ridership, ensure students only board their designated bus and exit their designated stop, enable the driver to have access to medical emergency information and provide parents notification of an approaching bus.

- Similar to systems used in public transportation, students place their SMART tag ID badge on the tablet's sensor when loading and unloading the bus. Only the student's name and associated bar code will be printed on the ID badge. No information is stored on the badge. It is a "passive" RFID system, meaning that the cards are dormant and only activate when directly scanned by an electronic reader.

Benefits of SMART Tag for Bus Riders

- Lets drivers know if your child is boarding the right bus.
- Lets drivers know if your child is getting off at the right stop.
- Shows drivers a list of Authorized Guardians for release.
- Reminds drivers if a rider (assigned to a stop) is still on the bus.
- Shows drivers their routes and rosters.
- Helps drivers with bus safety inspections and reporting.

We Piloted Polk Elementary School with the Smart-Tag system. We worked with the Principal, the students and the driver by introducing them to the system. All students who are assigned bus riders were issued a Smart-tag bus pass. They have been scanning in and out daily for a week. The following data will show you some of the results.

The driver here has picked route 17 Polk PM route. It shows all of the stops assigned and which stops the driver actually released students at.

(((**SMART**tag   **MONITORING**   **STUDENTS**   **DRIVERS**   **BUSES**   **ROUTES**   **NOTIFICATIONS**   **ADMINISTRATOR**

Activity Map   **Student Activity** 24   **Exceptions** 6

17 PM 1

*Transaction times marked RED indicate a MANUAL Pick-up/Drop-off event.

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Student	Student Id	Grade	Pick-up Stop	Pick-up Time	Drop-off Stop	Drop-off Time	Guardian
Mondragon, Brian	8046854	2	Polk Elementary	1:39 PM	Mckinley @ Vista N/E	1:50 PM	
Ferrer Segovia, Lucio	8053384	K	Polk Elementary	1:39 PM	Mckinley @ Vista N/E	1:51 PM	mom NOT ON LIST
Ferrer, Ismael	8044259	3	Polk Elementary	1:39 PM	Mckinley @ Vista N/E	1:51 PM	
Moses, Danielle	8053209	K	Polk Elementary	1:40 PM	Shields @ Dante S/W	1:56 PM	sister NOT ON LIST
Moses, Isabella	8032202	6	Polk Elementary	1:40 PM	Shields @ Dante S/W	1:56 PM	
Wood, Kinley	8053213	K	Polk Elementary	1:40 PM	Shields @ Dante S/W	1:56 PM	brother NOT ON LIST
Hobbs, George	8053155	K	Polk Elementary	1:40 PM	Shields @ Dante S/W	1:56 PM	brother NOT ON LIST
Hobbs, Joaquin	8050634	3	Polk Elementary	1:40 PM	Shields @ Dante S/W	1:56 PM	
Wood, Skye	8043683	3	Polk Elementary	1:40 PM	Shields @ Dante S/W	1:57 PM	
Moua, Klaus	8053716	K	Polk Elementary	1:40 PM	Shields @ Dante S/W	1:57 PM	grandma NOT ON LIST
Her, Kaylee	8047601	3	Polk Elementary	1:41 PM	Shields @ Dante S/W	1:57 PM	
Moua, Seth	8042008	3	Polk Elementary	1:41 PM	Shields @ Dante S/W	1:57 PM	
Pinilla, Ava	8044981	2	Polk Elementary	1:41 PM	Shields @ Dante S/W	1:57 PM	
Hobbs, Giselle	8050633	4	Polk Elementary	1:41 PM	Shields @ Dante S/W	1:58 PM	
Vang, Celeste	8034009	6	Polk Elementary	1:41 PM	Shields @ Dante S/W	1:58 PM	
Yang, Kayleen	8041088	4	Polk Elementary	1:42 PM	Shields @ Dante S/W	1:58 PM	
Pinilla, Audrina	8039547	4	Polk Elementary	1:42 PM	Shields @ Dante S/W	1:58 PM	
Alvarez, Jose	8034031	6	Polk Elementary	1:42 PM	Shields @ Dante S/W	1:58 PM	
Moses, Owen	8039718	4	Polk Elementary	1:42 PM	Shields @ Dante S/W	1:58 PM	
Yang, Darian	8048421	2	Polk Elementary	1:42 PM	Shields @ Dante S/W	1:58 PM	
Yang, Peyton	8035612	6	Polk Elementary	1:43 PM	Shields @ Dante S/W	1:58 PM	
Orozco, Christopher	8053536	K	Polk Elementary	1:43 PM	UNKNOWN STOP	2:03 PM	RELEASED TO ISD
Ferrell, Kaitlyn	8038236	4	Polk Elementary	1:43 PM	UNKNOWN STOP	2:04 PM	
Ferrell, Jacob	8049903	1	Polk Elementary	1:44 PM	UNKNOWN STOP	2:04 PM	

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The data above shows all of the students who scanned onto the bus, where they exited the bus and it even shows who the kindergarten students were released to. Since all the software works with each other, the data is always available, always current and the information is updated for each student so they don't have to receive a new card to be at a new school or new bus stop. Once the child is entered into Aeries, Routefinder will alert staff that a new student needs assignment. Once the student is assigned, their card is automatically updated or created.
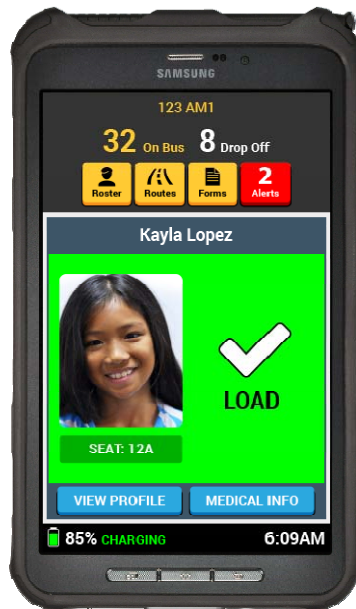
Alerts

As you can see, the system shows where the student's designated stop is and where they actually got off of the bus.

If the student forgets their card??

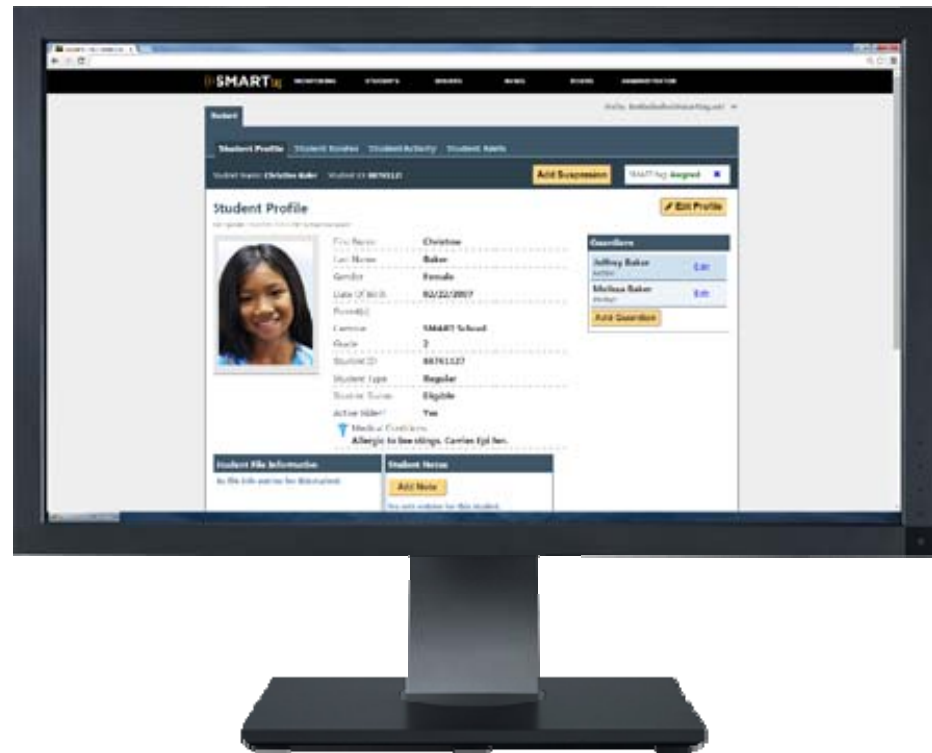**The driver can manually load the student in based on their name and picture from Aeries.**

The student tag uses RFID technology to communicate with the driver's tablet.

Administrative Portal

Transportation Administrators have access to a web-based portal to manage their SMART tag system.

Features include: student searches, rider and bus activity reports (such as State Headcount and SHARS), driver/route updates, seating charts and notification alerts.

Run reports for headcounts, mileage, and more!

Questions?