



A TIME AND PLACE *for everything™*

## **Fleet Management Solutions - Student Ridership**

Tallysman's Fleet Management Solutions suite of applications for the Education market include Automatic Vehicle Location (AVL), monitoring of Student Ridership using RFID technology, and Driver Time and Attendance monitoring. Tallysman products integrate with most popular schools bus routing and accounting software.

### **Student Ridership**

School officials can now provide safe, secure and efficient transportation of students on school buses to and from their homes using the Tallysman's Student Ridership System.

Tallysman unique RFID technology provides near real time information on which bus route a student is on as well as bus stop boarding and exit location and times. This information enables School personnel to respond to parental enquiries expeditiously with timely information on student status.



Students carry an active RFID tag which is automatically read by an RFID reader when a student boards a bus. Complex algorithms in the reader determine which students get ON and OFF by multiple reads of the student tag. The tags are read in a non-intrusive way, requiring no action on the part of students or drivers, so the loading and unloading process is not delayed ensuring busses can maintain their assigned schedules.

### **No-occurring fees**

Tallysman's solutions take advantage of the latest Digital 2-Way radio system infrastructures to provide air-time solutions with no re-occurring fees unlike competing cellular radio based solutions.

### **Features...**

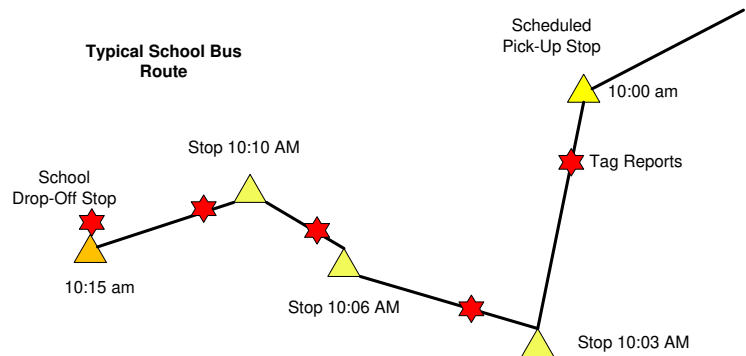
- **Improve Safety & efficiency**
- **Monitor Bus stop boarding & unloading**
- **Non-intrusive**
- **Parental web access**
- **Interface to 3rd Party applications**
- **No re-occurring airtime fees**



## Student Ridership Solution

### Parental On-line Access

Tallysman has partnered its RFID Student Ridership technology with software vendors that provide host software applications specifically tailored to School Bus Transportation needs. Many of these software vendors can provide Transportation operators with an optional module that enables on line web access so that they can verify their child boarded the correct bus, as well providing the location and times of the closest boarding and exiting stops.



The RFID Ridership application provides parents with peace-of-mind that their school transportation group is providing a secure environment for their children, and that school dispatch personnel are available to provide them with the latest information regarding the travel status of their children.

### Sprite TW400

The Sprite™ TW400 in-vehicle hardware adds extensive intelligent event reporting capabilities to digital two-way radio systems. An integrated RFID reader, coupled with complex algorithms are used to determine which student tags boarded and unloading at each stop.



The TW400 logs all events and any missed transmissions are automatically retrieved over the air. Batched transmission of events also provides for efficient use of the radio communications channel.

### Tallysman Wireless Inc

106 Schneider Road, Unit 3  
Ottawa, ON, K2K 1Y2 Canada  
Tel 613 591 3131  
Fax 613 591 3121  
[sales@tallysman.com](mailto:sales@tallysman.com)

The information provided herein is intended as a guide only and is subject to change without notice. This document is not to be regarded as a guarantee of performance. Tallysman Wireless Inc. hereby disclaims any or all warranties and liabilities of any kind. © 2010 Tallysman Wireless Inc. All rights reserved.