• versatrans a tyler school solution

Routing & Planning Standard Edition Collection Increase Efficiency and Save Budget Dollars with Tyler's Versatrans Routing & Planning Collection

At Tyler, we understand your need to receive powerful routing tools, with world-class training and support services. What's more, routing students to school in a timely and efficient manner is paramount to a successful transportation department. With the Routing & Planning Collection, you can now react easily to changes within the school district. From knowing where all district vehicles are, to getting important transportation information into the hands of authorized people instantly—The Routing & Planning Collection makes it easy.

Routing & Planning Collection

This collection is headed up by Routing & Planning, the most effective routing and planning solution available on the market today, and is extended by three companion products: Versatrans e-Link[®], Versatrans Onscreen[®] and The Versatrans SIF Agent[™]. The collection is designed so you can start with Routing & Planning, and then add in the other applications when your district has the need or budget. The choice is yours.

Routing & Planning

Routing & Planning is the backbone of this collection. It offers easy-to-use functionality that enables users to realize gains in routing efficiency, reduce operational costs, and conduct extensive route and district planning analysis, preparation and execution. Regardless of the size of your routing territory or ridership, or whether your territory is rural, suburban or urban, Routing & Planning enables you to improve your transportation operations.

Advanced predator tracking functionality the application allows users to load and track offender's address information, and prevent bus stop creation within userdefined distances.

In-depth student information management and transportation scheduling—upload student data, specify different daily schedules, customize note and information fields, and upload photos.

Automatic student advancement automatically promote students to the next grade at year-end. Automatic assignments for newly entered students—automatically assign new students to schools, bus stops and routes.

Robust reporting tools—generate standard and user-defined reports and export them to common software applications such as Word, WordPerfect[®], Excel[®] and Lotus Notes[®].

Automatic letter generation—generate key notifications, including changed route letters.

Efficient system auditing—view and report on additions, changes or deletions to key data such as administrative, predator tracking, student, route, vehicle, user and more.



The Versatrans Routing & Planning[™] Collection allows transportation professionals to:

- Route students to school in a timely and efficient manner
- Easily react to changes within the school district
- Get important transportation information into the hands of authorized people instantly
- Know where all district vehicles are at all times
- Eliminate redundant data entry

For more information, visit www.tylertech.com

or email info@tylertech.com

Routing & Planning Standard Edition Collection

Complete compatibility with today's server technology—harness the power of a system fully compatible with Microsoft[®] SQL Server 2008.

Comprehensive routing features include:

Automatic, one-touch routing (OTR)—automatically generate routes based on selected criteria, and then manually adjust them to meet your needs.

Efficient shuttle routing—easily create routes for transporting students between schools and/or work sites during the day without the creation of time-consuming transfer scenarios.

Advanced hypothetical route analysis—create and analyze hypothetical routes using parameters such as desired and maximum loads and times, and adopt the routes that meet your needs.

Point-based route identification—select a point on any map within the system, identify routes that pass that point, identify if and when routes stop at that point and edit routes as needed.

Efficient multi-school routing—the Express Schools function automatically creates routes to more than one destination for easy pick up and drop off of students from different schools.

Fast route creation—automatically generate routes based on GPS data imported from Onscreen.

Automatic route building—easily create new routes by importing GPS data points from Onscreen into a Routing & Planning route record.

Easy load balancing—visually identify overloaded routes and make adjustments as needed.

Complete alternate loading functions—identify side and back doors, special needs entrances or other locations at a single building without the creation of additional building records or complex map edits.

Manage recurring changes—confidently manage students who require a change in transportation on a rotating schedule, such as having a different pick up/drop off address every other week.

Schedule future changes—schedule the change as soon as the request comes in. This feature accommodates future permanent changes and changes with a start and end date.

Multiple speed sets—assign multiple speed sets to roads based on time of day and direction to account for fluctuations in traffic levels and impact on bus speeds.



Turning restrictions—mark a turn as restricted for selected vehicles (by vehicle size) or for all vehicles in the fleet to exclude that street from routing.

Vehicle size road restrictions—identify which vehicles can travel roads within the routing territory based on vehicle capacity.

Unserviceable route designations—designate sections of routes as unserviceable to prevent automatic route assignments to these areas.

Extensive fleet management tools—ensure equitable distribution of driver hours and compare routing scenarios and bell time schedules to determine the most cost-effective implementation.

Bing® Maps aerial view—display a satellite view layer under the Routing & Planning map.

Route view in Google Earth[™]—export routes into Google Earth for a satellite view of the route path.

Sync to the e-Link calendar—Routing & Planning will push scheduled changes to e-Link's calendar, allowing transportation staff to see when changes will take effect.

Routing & Planning Companion Products

e-Link

With Versatrans e-Link, a web-based tool, find answers to common questions regarding school attendance, bus stops and times in seconds.

Onscreen

By leveraging GPS information with Versatrans Routing & Planning route data, Versatrans Onscreen[®] offers accountability for the drivers and aids in decision making for increased efficiency.

SIF Agent

By automating the exchange of information between information systems within a district, the Versatrans SIF Agent ensures that student data is consistent with other sources.

