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ROUTEFINDER PRO

A POWERFUL YET EASY-TO-USE COMPUTER-ASSISTED
TRANSPORTATION ROUTING, SCHEDULING, AND PLANNING SOLUTION

transfinder

ROUTEFINDER PRO FROM TRANSFINDER IS REGARDED BY MANY AS ONE OF THE EASIEST AND MOST INTUITIVE METHODOLOGIES FOR TRANSPORTATION ROUTING, SCHEDULING, AND PLANNING FOR SCHOOL TRANSPORTATION MANAGEMENT AND ATTENDANCE ZONE PLANNING.

ROUTEFINDER PRO HAS EVERYTHING YOU NEED TO MANAGE YOUR TRANSPORTATION OPERATION MORE EFFECTIVELY. NO SPECIAL GIS (GEOGRAPHIC INFORMATION SYSTEM) OR MAPPING KNOWLEDGE NEEDED—IT TAKES FAMILIAR PAPER MAPS AND DATA ENTRY FORMS AND TRANSFORMS THEM INTO AN INTEGRATED AND ROBUST DESKTOP SOLUTION FOR A SINGLE USER, WHICH IS SCALABLE TO AS MANY USERS AS YOUR DISTRICT REQUIRES.

With Routefinder Pro, you will:

- Easily manage bus routes, students and drivers;
- Analyze bus routes and pickup sites, and quickly adjust to changes;
- Create and analyze “what/if” scenarios to continually improve service and lower operating costs;
- Seamlessly integrate with district-wide student information systems;
- Increase efficiencies, enhance services, and reduce costs.

“Routefinder Pro helped me see on the map where our students were and where we were picking them up. A picture is worth a thousand words—just by being able to see them we saved nearly \$80,000 a year by eliminating only two routes.”

DAVID LEAVITT
DIRECTOR OF SUPPORT SERVICES
MSAD 9 FARMINGTON
NEW SHARON, ME



Industry-Leading Technology

Utilizing the advanced Geographic Information System (GIS) of MapInfo®, database technologies of Microsoft®, and report generation from Business Objects Crystal Reports®, **Routefinder Pro** lets you visualize data related to students, routes, drivers, and vehicles on detailed county-wide street-level maps to create routes, driving directions, and daily schedules for pick-ups, drop-offs, vehicles and drivers, and much more! You can then integrate with Google Earth to visualize your planned routes and related information in rich geographic detail to share with others throughout your district.

Customer-Driven Features

Continually upgraded to respond to customer requirements, core features in Routefinder Pro enable you and your staff to tailor a solution to precisely meet your objectives. The features in Routefinder Pro empower you to meet virtually every school transportation and communication challenge.

INCORPORATE REAL-TIME GPS DATA > BUSFINDER

If you have GPS units on your fleet, or are considering GPS, Transfinder's **Busfinder** GPS interface provides your district with an analytical tool beyond compare. Busfinder displays real time or historical GPS data simultaneously with planned routes on the same map, while *in routing mode*. This enables you to adjust your routes in a simple, one-step process. In addition, Busfinder sends alerts for any excessive deviations in posted speed, time, or distance.

Compatible with most of the leading GPS units currently in use, Busfinder is invaluable for enabling you to achieve the greatest benefits from your investment in GPS hardware.

> ROUTEBUILDER

If you are implementing Routefinder Pro for the first time, Transfinder offers you an optional implementation service. We provide GPS units for your fleet to automatically create your routes as your drivers drive. In Routefinder Pro you can then see and analyze your actual routes and make changes as needed to optimize for shortest time or shortest distance.

SELECT AND VIEW MAPPED DATA > GEOINFO TOOLBOX

Routefinder Pro comes equipped with an innovative **GeoInfo Toolbox** that enables you to select a Point, Walkout, Radius, Region, or User-drawn Area. You can then view all the data associated with the selected locale, including students, schools, streets, addresses, hazards, and stops.

SIMPLIFY SCHOOL-TO-SCHOOL SHUTTLES > UNLIMITED SHUTTLE RUNS

Today's students often participate in scholastic, vocational, and special programs offered in multiple school or facility locations. Routefinder Pro quickly creates unlimited shuttles and expedites student assignments by simplifying logistics and increasing manageability.

MAINTAIN THE QUALITY OF YOUR OPERATION > ENSURE DATA INTEGRITY

Routefinder Pro provides built-in reminders to give you advance notice on steps you need to take to meet state requirements for vehicle upkeep and staff development.

OPTIMIZE YOUR TRIPS
> SEQUENCE OPTIMIZATION

You can select a geographic area or an entire trip to automatically modify stop sequences based on time or distance. You also can generate two alternative ways to run a trip, either by fastest time or shortest distance, to determine which option is best. In addition, you can select any number of approved stops, or any map points, including students' pick up and drop off locations, in a geographic area to create a new trip and automatically sequence it based on optimal time or distance.

Incremental savings in travel time or distance in a selected geographic area yields efficiencies and significant savings over time without causing community disruption.

MANAGE FIELD TRIPS
> DISTRICT-WIDE COMMUNICATION

Built into Routefinder Pro is a comprehensive system for smooth field trip management. You can incorporate various approval stages and track requests through transportation approval, and categorize expenses to identify appropriate budgets, as well as avoid cost overruns.

Coupled with **Infofinder 1e**, Transfinder's intranet solution, you can enable district personnel to submit real-time field trip requests quickly and easily, and send email notifications to keep the right people informed at the right time.

ACCESS THE REPORTS YOU NEED
> REPORT LIBRARY

You can now access a comprehensive Report Library which contains a wide variety of customized reports created for our customers by our Support Team at Transfinder. You can preview them and download a selected template into your system and your data will automatically populate the report.

APPLY OR MODIFY DISTRICT POLICY
> ACTUAL TRIP AND STUDENT DATA COMPARISONS

Comprehensive data enable you to compare actual trip and student transportation information in relation to district policies. For example, you can determine where student transportation deviates from district policies, such as the walk-to-stop policy, or ride time policy. Small modifications in these areas may lead to increased efficiency and lower operating costs.

You also can determine which trips deviate from district policies by analyzing cumulative attendance and historical information on trips. This can yield patterns and trends that may help consolidate trips and yield efficiencies and cost savings.

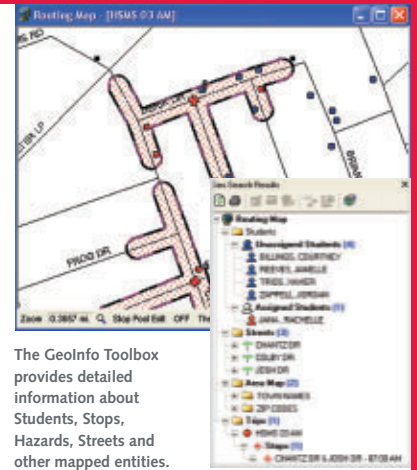
DISCOVER EFFICIENCIES THROUGH ANALYTICS
> USING DATA FOR "WHAT IF" SCENARIOS

A summary bar incorporated into every grid allows you to automatically view and analyze selected fields or columns of data as a count, average, maximum or minimum assigned, and sum. You also can view and analyze multiple data sources for a comprehensive understanding of your entire operation.

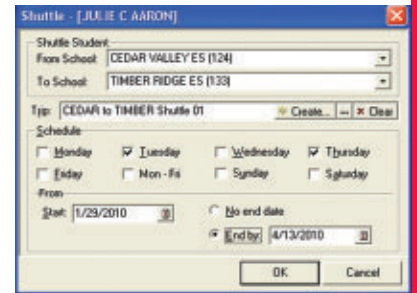
Understanding your current operation and then analyzing it for efficiencies may yield significant savings over time without causing community disruption.

MEET THE CHALLENGES OF CHANGE
> REDISTRICTING

You can easily meet the challenges associated with a redistricting plan by using Routefinder Pro to visualize, analyze, and manipulate demographic data and forecast future district enrollment. By creating unlimited "what if" scenarios, you will minimize the effects of change on students, district personnel, and the community.



The GeoInfo Toolbox provides detailed information about Students, Stops, Hazards, Streets and other mapped entities.



Shuttles provide unlimited school-to-school potentials for the growing number of scholastic, vocational, and special programs that require children to be transported from one building to another.



The Report Library gives you access to a comprehensive library of custom reports. Preview and download a template for your use and your data will automatically populate the report.

"The redistricting tool has been priceless for experimenting with "what if" scenarios to plan down the road the effects of adding a new school or redrawing boundaries. I can't imagine making these decisions without it."

CHRIS PINKNEY
 TRANSPORTATION COORDINATOR
 FARGO PUBLIC SCHOOLS
 FARGO, ND

▶ ▶ WHY TRANSFINDER?

For more than 20 years Transfinder has been a national leader in student transportation management systems and services offering routing, redistricting and scheduling solutions for optimal transportation logistics and communications. A business partner of Pitney Bowes Business Insight, Transfinder offers our clients the ability to employ the feature-rich mapping capabilities of MapInfo® to deliver superior transportation and logistics management solutions. Moreover, we listen to our customers, and pride ourselves on our customer-driven products, solutions and service and are committed to our customers' success. Many of the features and capabilities in our software solutions result from our meeting the expressed needs of our customers.

