Routefinder PLUS - School Transportation’s Most Powerful Web-Based Routing Software

Are you puzzled trying to find the best transportation routing solutions for all your stakeholders and customers? Transfinder has the missing piece!

The New Powerful Web-Based Routefinder PLUS is Faster-Safer-Smarter

“Routefinder PLUS is Revolutionary, Innovative, Smart, Monumental,” say those customers who have seen it.

- ACCESS ANYWHERE WITH LIGHTNING-FAST BROWSER-BASED CONVENIENCE
- FASTER, SAFER AND SMARTER ROUTE CREATION
- INTUITIVE DESIGN FOR EASIER OPERATION
- GREATER CONTROL OF MAPS FOR SAFER ROUTES
Map Editing

Travel Scenarios – Routefinder PLUS gives you the power to manage various travel scenarios (Example: Morning, afternoon, big bus). These travel scenarios help your Smart Routing Technology become localized and personalized, including the following:

- **Travel Regions** - Select an area on the map to Prohibit, Restrict or Prefer buses while routing for safer and even more efficient automated routing.
- **Curb Approaches** - Select side of Street to Prohibit or Restrict buses while routing. Routefinder PLUS helps to ensure curbside/right hand pick up of students.
- **Maneuvers at Junctions/Intersections** - Select which turns to Prohibit or Restrict buses while routing. Routefinder PLUS helps to ensure safer and even more efficient automated routing.
- **Multi-route editing** - In Routefinder PLUS we offer the ability for Multi-route editing, work faster and be able to delete or edit “work” smarter.

Smart Routing - uses your local knowledge to optimize your trips. Routefinder PLUS gives you capabilities to define custom maneuvers, travel regions and curb approaches – which all can be categorized as Travel Scenarios. Routefinder PLUS also incorporates prohibiting options at the student level, stop level and even at street level.

- **Full Calendar Based Routing** - Not just Monday-Friday, but any date.
- **Fast Implementation** - Import stops from a file, Drag-and-drop, or from RouteBuilder app (future).
- **Sequence Optimization** – Have Routefinder PLUS create the best Sequence to optimize for time or distance.
- **Analysis** – Analyze Community and Operational Impact of the changes you’ve made to your trips.
- **Smart Sequence** – Let Routefinder PLUS figure out where new stops belong while minimizing Community and/or Operational Impact.
- **Smart Stop Assignment** – For student loading/unloading, the ability to identify street crossers or prohibit street crossing to bus stops. Smart Assignment can prohibit students crossing streets and is assignable to the student level or in groups. If you are concerned about ensuring right hand or curb-side pickups – the “Smart Assignment” feature in Routefinder PLUS is a necessity for your district.

**What School Bus Routing Software problems are you trying to solve?**

- **Optimize Selected Trips** - Have Routefinder PLUS reroute all selected trips. Optimization can help solve the driver shortage that you may be facing. Optimize routes to help with your driver shortage and increase efficiencies without sacrificing safety. Transfinder has moved past Optimization and have created “Smart Optimization”.
- **Trip Absorption** - Select a Trip to be absorbed by other trips.
- **Unlimited Shuttles and Transfers.**
- **Create What-if Stops** before adding them to trips.

Safe Routing

- Define vehicles approach to each stop. Keep Student safe by using Right-Side only pick up.
- Choose which side of a corner to stop (a four-way street corner has 8 possible locations).
- Prohibit students crossing streets to reach their pickup or drop off Stops.
- Geocode students to Address Points or Parcel, if available. Street Address Range is least recommended.
- Be alerted when a bus crosses a railroad.

**Unlimited User Defined Fields** - Create and maintain any fields with any attribute.

**A Fully Custom User Experience** - Create Edit and Read-only screens to meet your need.

**School Non-Eligibility Zones** - Define areas around a school to manage students not eligible for transportation.

**Mail Merge** - Create templates for letters and emails fast.

**Built-in Report Writer** - Create your own reports.

**Data - Import or export any data.**

- Overlay any mapping data.
- Unlimited Contacts.
- Unlimited Documents attachments.

**Optimize Your District’s School Bus Routing Software.**

Routefinder PLUS is faster, safer and smarter – and it does not sacrifice safety!