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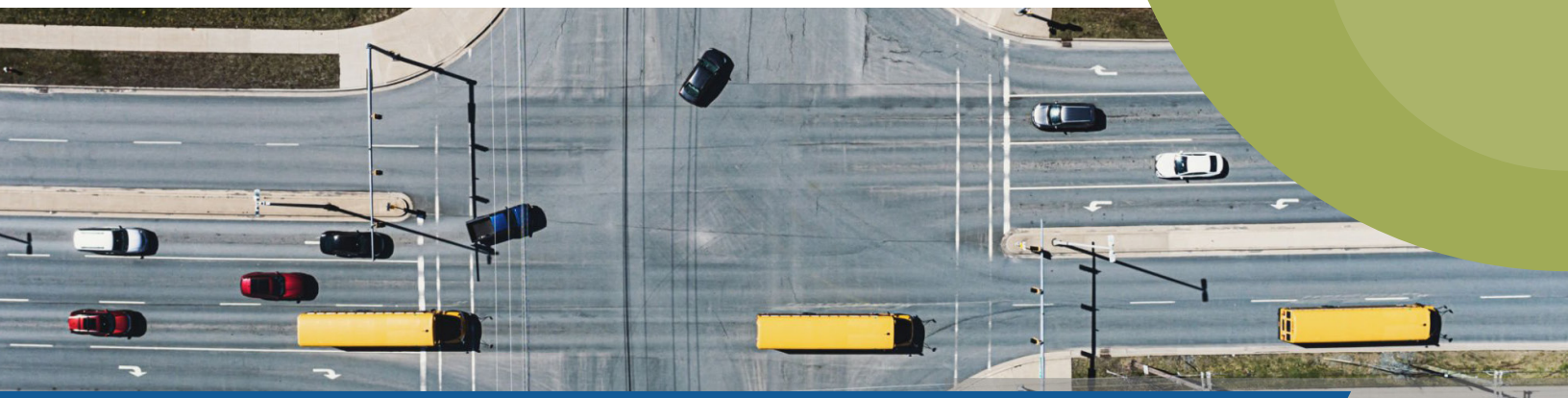
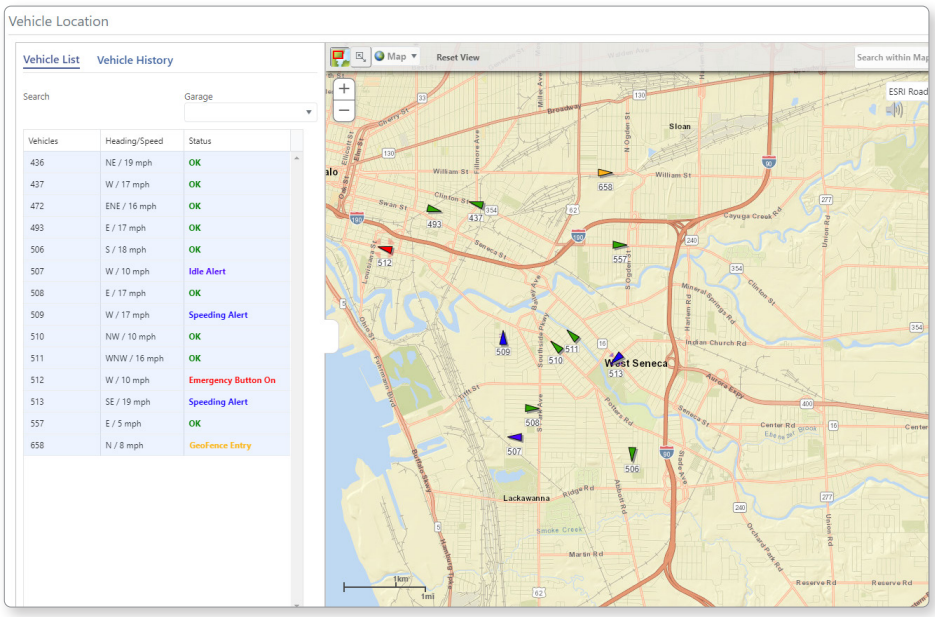


Advanced AVL

Student Transportation

Coordinate and ensure compliance in even the most complex routing scenarios with Advanced AVL (Automatic Vehicle Location). This powerful solution adds functionality for clients using Tyler's Student Transportation software with geolocation hardware such as Telematic GPS or Tyler Drive™ in their fleet. Advanced AVL makes mapping and monitoring routes easier with vehicle alerts, geofencing rules, and tools to compare planned runs against actual runs and imported runs from GPS data.



Vehicle statuses are presented on both a list and a map.

FEATURES

- **Create Precise Routes:** Use actual historical runs to craft your future planned routes.
- **Utilize Custom Alerts:** Use a variety of custom alerts to promptly notify your district about vehicle and route irregularities.
- **Empower Your Drivers:** Provide your drivers with accurate routes and make them aware of any irregularities that your alerts may be revealing.

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IMPORT RUNS FROM GPS DATA AND MORE

The most accurate planned routes are those that are built from real-world data. The Advanced AVL module allows you to create runs using GPS data collected by hardware on district vehicles. Simply choose the date and vehicle to import the right data into Advanced AVL and build your planned routes from there.

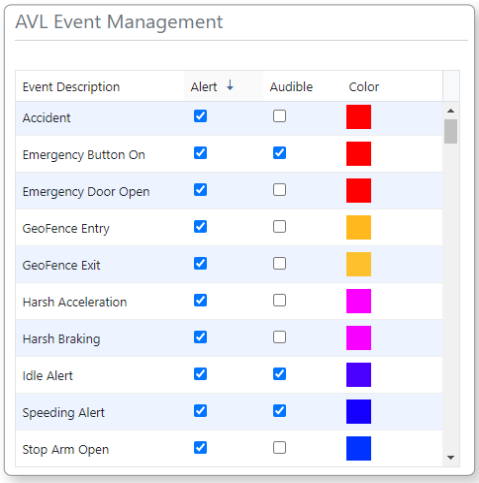
COMPARE PLANNED VERSUS ACTUAL RUNS

Even the best-planned routes can be improved with data. By comparing your historical and planned runs, transportation managers can safely and accurately adjust routes, stop times, and more. In Advanced AVL, planned runs can be compared to the actual GPS path driven by any vehicle during any given date and time. Actual bus stop times and locations can also be compared to what lives in your routing plan to prevent unnecessary wait times at stops. By showing a percentage of the actual path that differs from the planned one, you can see at a glance where changes will have the greatest impact.

CUSTOMIZE GPS VEHICLE ALERTS

Route irregularities can come from different causes: a route that needs to be adjusted, a dangerous intersection, a driver who could benefit from some focused training, and more. In any case, when gas mileage, bell times, or even student safety are on the line, the irregularity needs to be examined sooner rather than later. Advanced AVL makes it easy to identify potential issues as they happen with GPS Vehicle Alerts. Examples of these alerts include:

- Accidents
- Emergency Button Activation
- Harsh Braking
- Speeding Alerts



These alerts are updated in real time and display next to the GPS map so that your district can monitor these side-by-side. The Advanced AVL module offers the ability to color-code these alerts and add audible sounds when certain alerts occur. Like other Advanced AVL activities, vehicle alerts are logged and can be used for reporting in the future.

BOUND YOUR DISTRICT WITH GEOFENCE RULES

Advanced AVL also empowers you to set geofencing rules for your district. Alerts can be set for when a vehicle moves in or out of a geofence area, helping you manage dispatch, track irregularities, or identify when park-out vehicles have ended their route.