

Can I Assign Attributes to Trips?

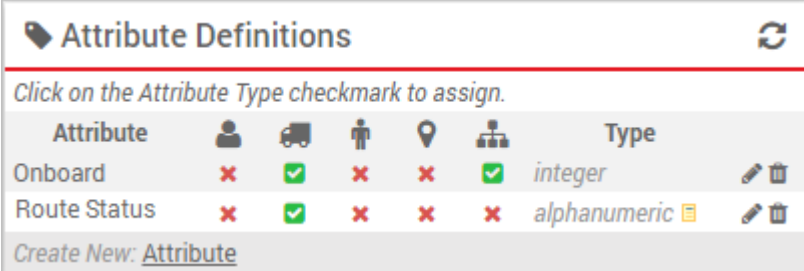
Link: <https://help.gpsinsight.com/deep-dive/can-i-assign-attributes-to-trips/> Last Updated: July 27th, 2016

QUESTION:

My company provides transportation services. How can the Dispatcher publish status updates of each trip so that the fleet manager, schedulers, and other portal administrators can easily see them?

Although trip-based attributes aren't yet supported (e.g., associate time spent with trips and/or jobs), you *can* implement an alternative solution.

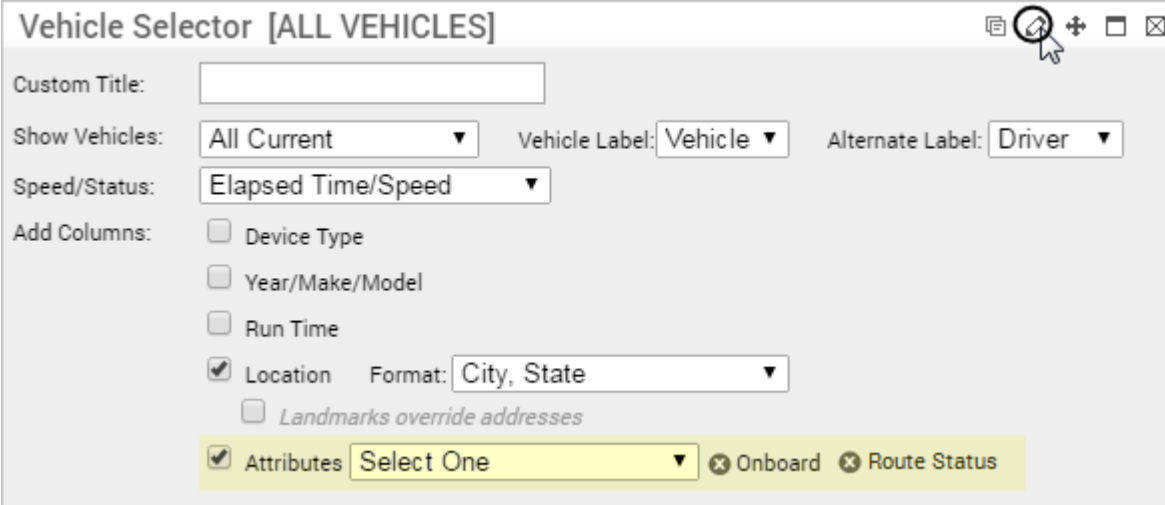
For example, let's assume you **create an attribute** for "Route Status." Maybe you even include additional attributes, such as number of passengers ("Onboard"):



The screenshot shows the 'Attribute Definitions' interface. It includes a table with columns for 'Attribute', icons for various categories (person, truck, person, location, group), and 'Type'. Two attributes are listed: 'Onboard' (integer) and 'Route Status' (alphanumeric). A 'Create New: Attribute' link is at the bottom.

| Attribute | Person | Truck | Person | Location | Group | Type | |
|--------------|--------|-------|--------|----------|-------|--------------|-----|
| Onboard | x | ✓ | x | x | ✓ | integer | ✎ ✕ |
| Route Status | x | ✓ | x | x | x | alphanumeric | ✎ ✕ |

All other team members can add those attributes to their personal dashboards using the Vehicle Selector dashlet:



The screenshot shows the 'Vehicle Selector [ALL VEHICLES]' dashlet. It features a 'Custom Title' field, 'Show Vehicles' dropdown (All Current), 'Vehicle Label' dropdown (Vehicle), and 'Alternate Label' dropdown (Driver). Under 'Add Columns', 'Location' is checked with a 'City, State' format. The 'Attributes' section is highlighted in yellow, showing a 'Select One' dropdown and checked boxes for 'Onboard' and 'Route Status'.

The Dispatcher can effectively use the Attribute Manager interface as a dynamic form that he or she can update on-the-fly as statuses are received:

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Assign Vehicle Attributes: Route Status ↻

Assign values (alphanumeric) to vehicles for the attribute.

Vehicle Group: - ALL GROUPS - Search: * for wildcard filter

Page: [1-20](#) / [21-40](#) / [41-60](#) / [61-80](#) Show All 80:

| Vehicle | Route Status | | | | | |
|---|---------------------------------------|---------------------------------------|--|---------------------------------|--|--|
| <i>Set all values in this table to:</i> | <input type="radio"/> Idle | <input type="radio"/> Late | <input type="radio"/> On Time | <input type="radio"/> Projected | <input type="radio"/> Unknown | <input type="radio"/> not set |
| 110 | <input type="radio"/> Idle | <input type="radio"/> Late | <input type="radio"/> On Time | <input type="radio"/> Late | <input checked="" type="radio"/> Unknown | <input type="radio"/> not set |
| 111 | <input checked="" type="radio"/> Idle | <input type="radio"/> Late | <input type="radio"/> On Time | <input type="radio"/> Late | <input type="radio"/> Unknown | <input type="radio"/> not set |
| 112 | <input type="radio"/> Idle | <input type="radio"/> Late | <input checked="" type="radio"/> On Time | <input type="radio"/> Late | <input type="radio"/> Unknown | <input type="radio"/> not set |
| 114 | <input type="radio"/> Idle | <input type="radio"/> Late | <input type="radio"/> On Time | <input type="radio"/> Late | <input type="radio"/> Unknown | <input checked="" type="radio"/> not set |
| 115 | <input checked="" type="radio"/> Idle | <input type="radio"/> Late | <input type="radio"/> On Time | <input type="radio"/> Late | <input type="radio"/> Unknown | <input type="radio"/> not set |
| 116 | <input type="radio"/> Idle | <input checked="" type="radio"/> Late | <input type="radio"/> On Time | <input type="radio"/> Late | <input type="radio"/> Unknown | <input type="radio"/> not set |
| 117 | <input checked="" type="radio"/> Idle | <input type="radio"/> Late | <input type="radio"/> On Time | <input type="radio"/> Late | <input type="radio"/> Unknown | <input type="radio"/> not set |
| 118 | <input checked="" type="radio"/> Idle | <input type="radio"/> Late | <input type="radio"/> On Time | <input type="radio"/> Late | <input type="radio"/> Unknown | <input type="radio"/> not set |
| 119 | <input checked="" type="radio"/> Idle | <input type="radio"/> Late | <input type="radio"/> On Time | <input type="radio"/> Late | <input type="radio"/> Unknown | <input type="radio"/> not set |
| 120 | <input checked="" type="radio"/> Idle | <input type="radio"/> Late | <input type="radio"/> On Time | <input type="radio"/> Late | <input type="radio"/> Unknown | <input type="radio"/> not set |
| 121 | <input checked="" type="radio"/> Idle | <input type="radio"/> Late | <input type="radio"/> On Time | <input type="radio"/> Late | <input type="radio"/> Unknown | <input type="radio"/> not set |
| 123 | <input type="radio"/> Idle | <input checked="" type="radio"/> Late | <input type="radio"/> On Time | <input type="radio"/> Late | <input type="radio"/> Unknown | <input type="radio"/> not set |

Download: [Excel](#), [CSV](#) *Enter values for each Vehicle in the column.*

Any updates the Dispatcher makes using the Attribute Manager interface will be immediately available for everyone else to see on their dashboards:

Vehicle Selector [ALL VEHICLES] 📄 ✎ + 🗨

Vehicle Group: ALL VEHICLES

Attributes: - Select to Add -

Filter:

Select/Deselect All

| Label | Speed | Location | Onboard | Route Status |
|--|------------------------|-----------------|---------|--------------|
| <input checked="" type="checkbox"/> 70 | 68 mph S (74 max) | Hattiesburg, MS | 0 | Idle |
| <input checked="" type="checkbox"/> 71 | 2 mph N (33 max) | Hattiesburg, MS | 2 | On Time |
| <input checked="" type="checkbox"/> 75 | Stopped 46 min | Hattiesburg, MS | 1 | Late |
| <input checked="" type="checkbox"/> 76 | Stopped 1 hour, 59 min | Raleigh, MS | | Unknown |
| <input checked="" type="checkbox"/> 78 | Stopped 4 days | Hattiesburg, MS | | Idle |
| <input checked="" type="checkbox"/> 81 | 0 mph NNW (39 max) | Gulfport, MS | | Unknown |
| <input checked="" type="checkbox"/> 83 | 0 mph WNW (max) | Prentiss, MS | 0 | Idle |
| <input checked="" type="checkbox"/> 86 | Idle stop for 23 min | Biloxi, MS | | |

This particular use case was brought to our attention by one of our customers, who never stops thinking of creative solutions to help their business run more effectively. **Let us know** if you have ideas to share, too!