

RailConnect® GeoRailtrace™

The screenshot shows the RailConnect Maps web application in a Microsoft Internet Explorer browser. The main interface includes a map of the Houston area with various train locations marked. A pop-up window titled "Train Consist" is open, displaying a table of train consist data for train STOLTJB204.

Unit	Nbr	Seq	Block To	Commodity
CRGX	16146	001	BNSF-11 BWW	TALLOW
CRGX	16424	002	BNSF-11 BWW	TALLOW
UTLX	250740	003	BNSF-11 BWW	GLYCERNE
UTLX	670308	004	UP-11 UP	LUBE OIL
TEEX	3014	005	UP-11 UP	LUBE OIL
UTLX	67837	006	BNSF-11 KAN	PETRO OIL
UTLX	663564	007	BNSF-11 NEW	LUBE OIL
UTLX	671107	008	UP-11 UP	LUBE OIL
BATX	89060	009	UP-11 UP	LUBE OIL
UTLX	671098	010	UP-11 UP	LUBE OIL
UTLX	671100	011	UP-11 UP	LUBE OIL
UTLX	671111	012	UP-11 UP	LUBE OIL
UTLX	670699	013	UP-11 UP	LUBE OIL
UTLX	663073	014	UP-11 UP	LUBE OIL
UTLX	671109	015	UP-11 UP	LUBE OIL

Gain New Visibility of Your Rail Operations with GPS-Based Mapping

RMI's RailConnect® GeoRailtrace service utilizes affordable GPS technology to give you a higher level of visibility over your railroad's operations. *GeoRailtrace* captures **timely data feeds from your locomotives** and incorporates this data with a railroad map and a street map to provide accurate information about the exact location of your trains. And -- since **GeoRailtrace is integrated with the RailConnect TMS database** -- you can click on a locomotive and view the complete train consist quickly.

Once your locomotives are equipped with the appropriate GPS transceivers, RailConnect *GeoRailtrace* provides **up-to-the-minute location information** as well as train speed and direction. Based on user-defined limits, *GeoRailtrace* will automatically send over-speed and other alerts to managers.

GeoRailtrace is integrated with the RailConnect TMS database

Add *GeoRailtrace* to Your Technology Integration Plan

Before you deploy *GeoRailtrace* or m-CREW or invest in hand-held or stationary AEI readers, please allow our consultants to provide an assessment of your operations and recommend the optimum technology integration plan for your property. This assessment will help you to develop a set of objectives, a strategy to achieve them, and an implementation plan that includes hardware and software budgeting.

Web-based access to the *GeoRailtrace* maps offers you current train information from a dispatching environment or any manager's computer terminal, in the office or at home.

Employ Geo-Fencing to Capture Train and Car Events Automatically

A "geo-fence" is a user-defined electronic boundary to be used in conjunction with GPS location data for certain advanced tracking. By establishing the proper waypoints along your railroad and configuring the TMS master files accordingly, *GeoRailtrace* provides reporting and alert capability based on locomotives entering or exiting pre-defined boundaries.

GeoRailtrace also uses geo-fence locations to provide virtual AEI locations on your railroad. This allows you to automate the following events:

- Train Departures
- Train Arrivals
- Car Setouts
- Customer Placements
- Car Pickups
- Customer Pulls



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