

TR/IPS™ WEBSITE APPLICATION INSTRUCTIONS

Accessing the application:

The Tr/IPS™ Web Application is accessible from the TrackPoint Systems website at www.trackpointsystems.com.

To access this application from the website, using Internet Explorer 8.0 or later, start by clicking on the *CUSTOMER LOGIN* button at the top right.

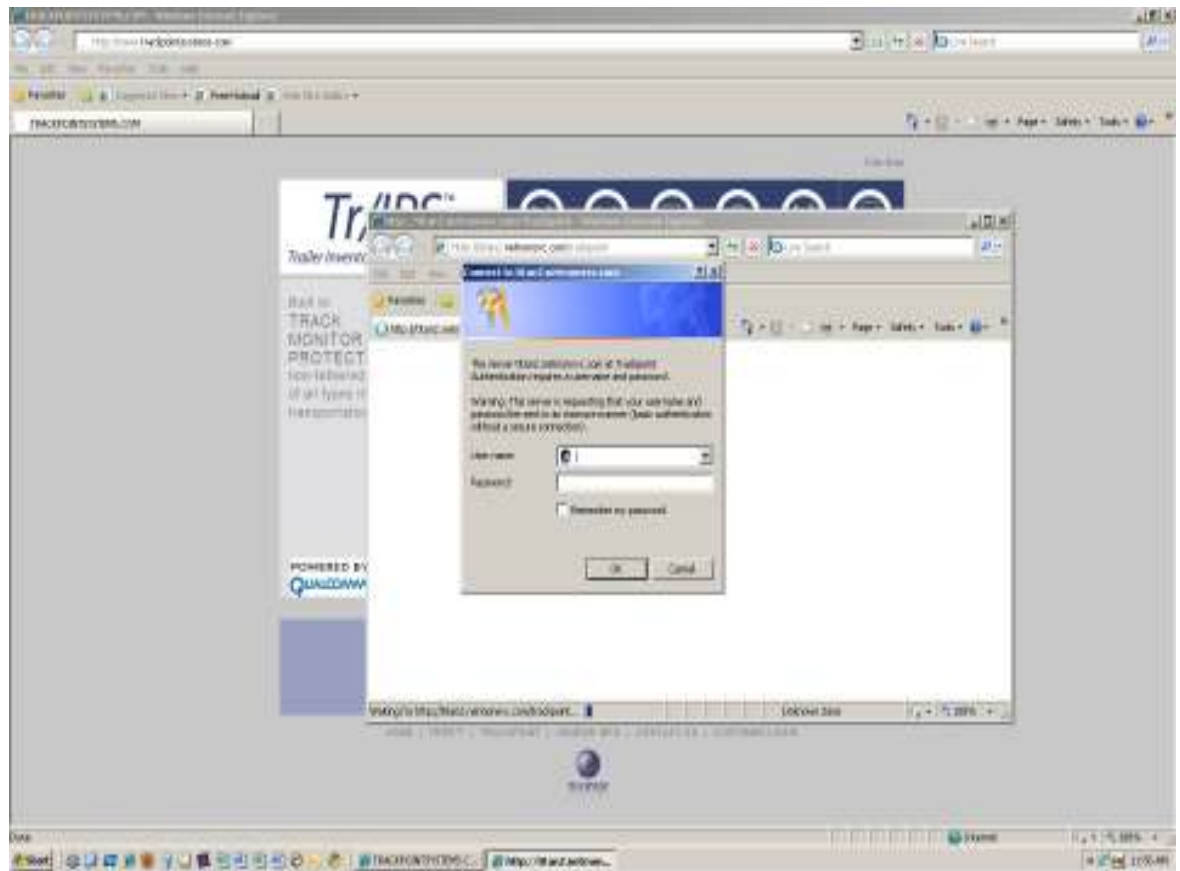


The Login Screen

LOGGING INTO THE APPLICATION

At the prompt screen, enter the USERNAME and PASSWORD assigned to you by TrackPoint. If you do not have a USERNAME and PASSWORD, contact your customer sales representative (CSR).

TrackPoint can provide different levels of access for different logins. Contact your CSR for assistance with this feature.



THE MAIN SCREEN

THE MAIN SCREEN

The MAIN SCREEN contains a “tab” structure to allow simple, single click, navigation to your data. Any tab can be selected at any time by clicking on the blue *hyperlinked text* on the tab

Note the five tabs;

Status Report, Yard Check-Location, State Summary, Configure Device and Customer Reports.

TrackPoint Systems Customer Access - Windows Internet Explorer

http://192.168.0.1:8080/trackpoint/customeraccess/components/trackpointframes.jsp

File Edit View Favorites Tools Help

TrackPoint Systems Customer Access

My View Home Contact Us Logon

TRACKPOINT SYSTEMS

See TOC

Status Report **Yard Check - Location** State Summary Configure Device Customer Reports All Messages

1 / 5 Go

Export to: PDF CSV Excel

TrackPoint Systems

TriPS Status Report

Records 1 to 50 of 231 records found

Drill Down Options: 14 Day History

Map	Trailer ID	Date	Time	Near By	Location
0501R	2010-09-09	12:39:02	F St. Wood, OH	yard Roseville OH	
0504R	2010-09-09	09:52:10	5576 Little Richmond Rd, Montgomery, Trotwood OH	+	
0602R	2010-09-09	13:09:25	5576 Little Richmond Rd, Montgomery, Trotwood OH	Hornet Trotwood OH	
0607	2010-09-09	07:55:34		+	
0610	2010-09-09	09:07:07	Spartanburg, Startex SC	+	
0701	2010-09-09	09:32:31		+	
0801	2010-09-09	06:17:37	F St. Wood, OH	yard Roseville OH	
0903	2010-09-09	07:46:14		+	
0904	2010-09-09	10:28:02	Canada, Oakville CA	+	
1101R	2010-09-09	12:50:39	5576 Little Richmond Rd, Montgomery, Trotwood OH	+	
1102	2010-09-09	10:37:39	Canada, Oakville CA	yard Oakville OH	
1103	2010-09-09	09:40:37	2854 Rispelle St, Wayne, Detroit MI	+	

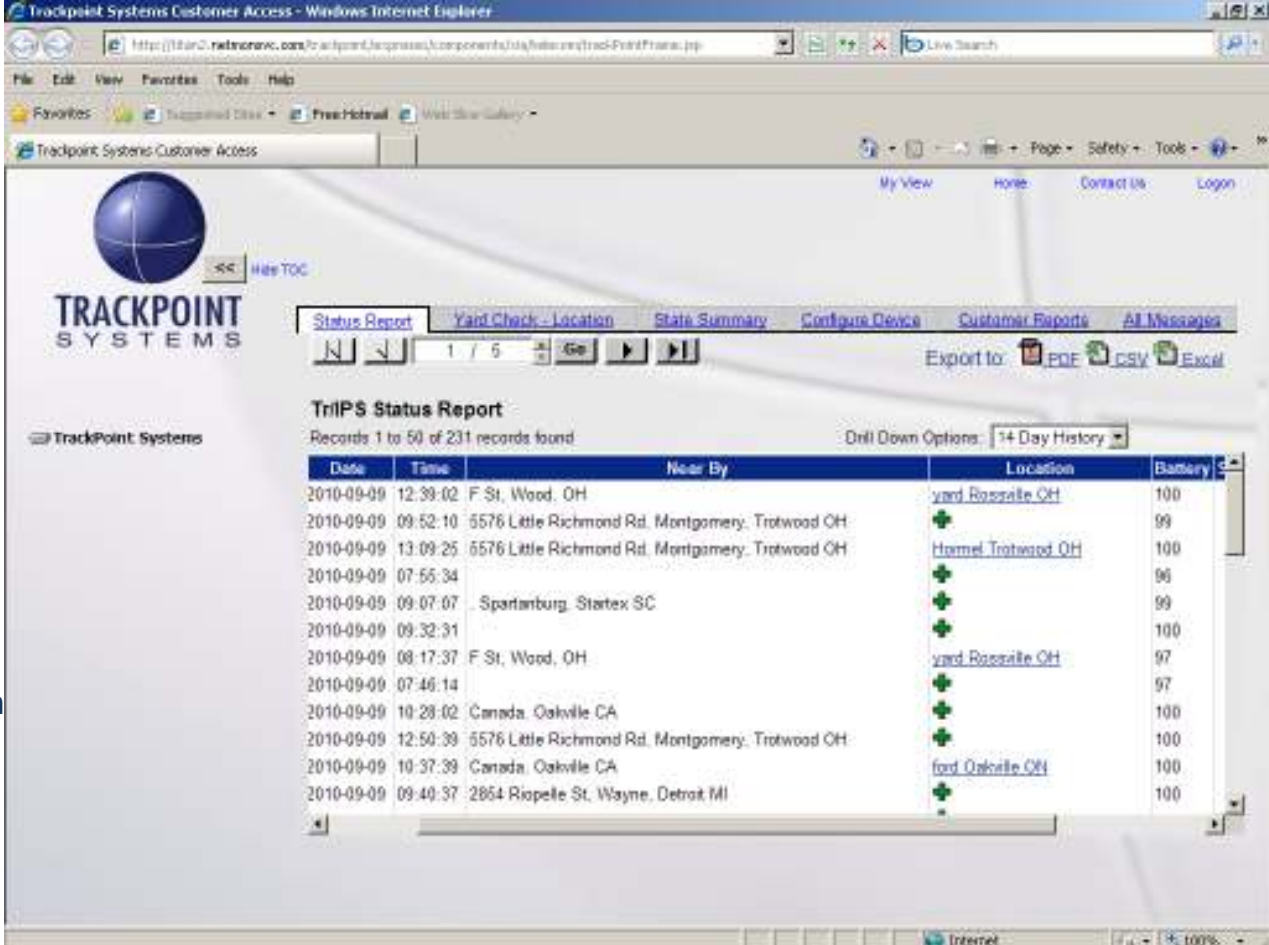
Internet 100%

1. THE STATUS REPORT

STATUS REPORT

The Status Report is a condensed table of the most recent report from each device. The Status Report contains the following information:

- 1) Date and Time of the report using the time zone of your internet browser.
- 2) The location of the device , both NEARBY and FRIENDLY.
- 3) Battery charge percentage.
- 4) Any sensor data contained in the message; including sensor type of reading.



The screenshot shows a web browser window displaying the Trackpoint Systems Customer Access interface. The main content area features a 'TriPS Status Report' table with the following data:

Date	Time	Near By	Location	Battery
2010-09-09	12:39:02	F St, Wood, OH	Yard, Rosselle OH	100
2010-09-09	09:52:10	5576 Little Richmond Rd, Montgomery, Trotwood OH	+	99
2010-09-09	13:09:25	5576 Little Richmond Rd, Montgomery, Trotwood OH	Home, Trotwood OH	100
2010-09-09	07:55:34		+	96
2010-09-09	09:07:07	Spartanburg, Statex SC	+	99
2010-09-09	09:32:31		+	100
2010-09-09	08:17:37	F St, Wood, OH	Yard, Rosselle OH	97
2010-09-09	07:46:14		+	97
2010-09-09	10:28:02	Canada, Oakville CA	+	100
2010-09-09	12:50:39	5576 Little Richmond Rd, Montgomery, Trotwood OH	+	100
2010-09-09	10:37:39	Canada, Oakville CA	ford, Oakville OH	100
2010-09-09	09:40:37	2864 Ripelle St, Wayne, Detroit MI	+	100

The *STATUS REPORT* allows basic data to be quickly viewed. Some tips for using the STATUS REPORT are contained in the next few slides.

1. The Status Report

ADDING A FRIENDLY LOCATION

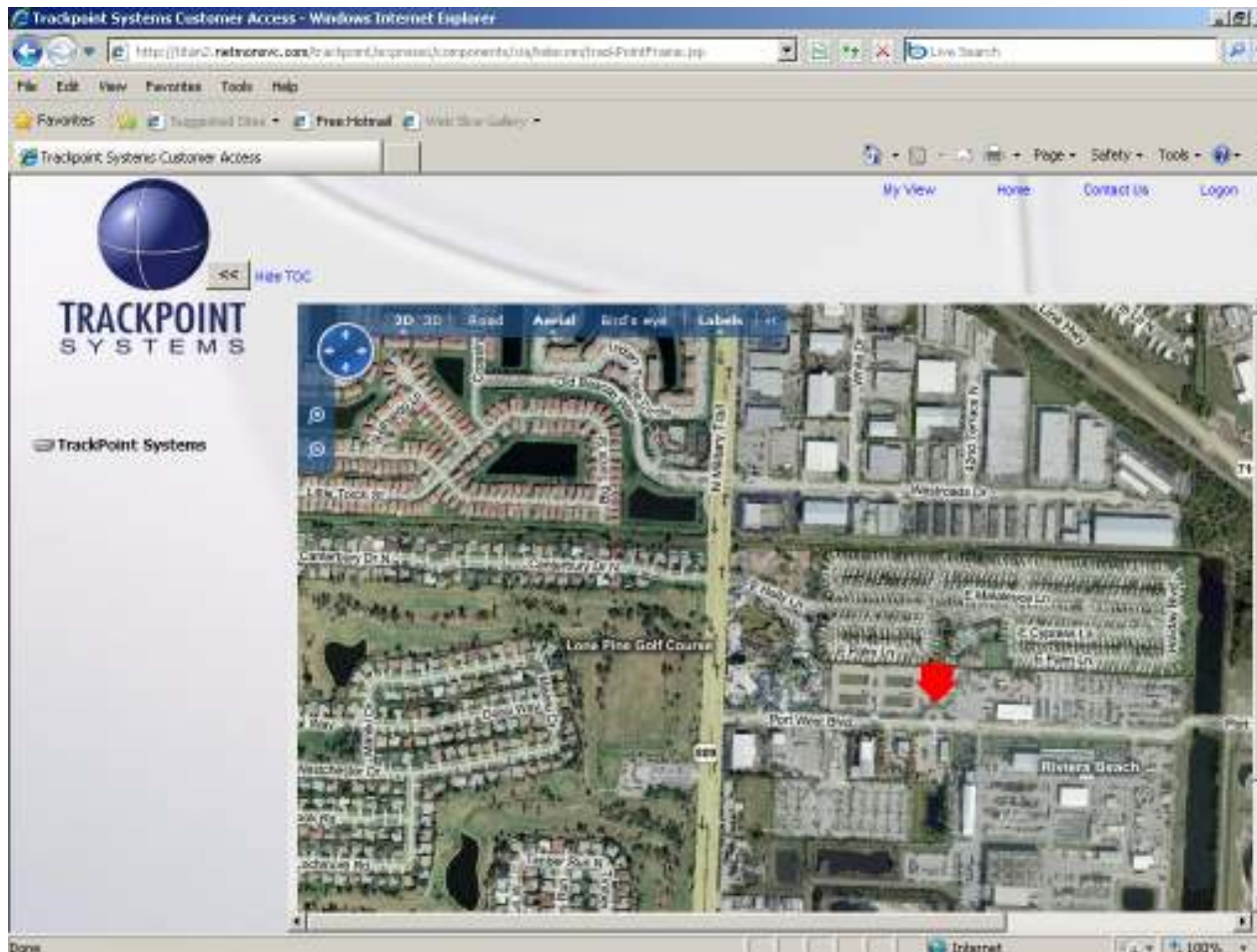
The *FRIENDLY LOCATION* feature allows you to enter common locations, such as your trailer yard(s), customer locations or distribution centers. This is later used for creating Yard Checks.

To enter a *FRIENDLY LOCATION* simply click on the green cross located in the Location column.

The screenshot shows the TrackPoint Systems Customer Access web application. The main content area displays a 'TriPS Status Report' table with the following columns: Map, Trailer ID, Date, Time, Near By, and Location. The table contains 10 rows of data. A blue arrow points from the text 'click on the green cross located in the Location column' to a green cross icon in the 'Location' column of the row with Trailer ID 0610.

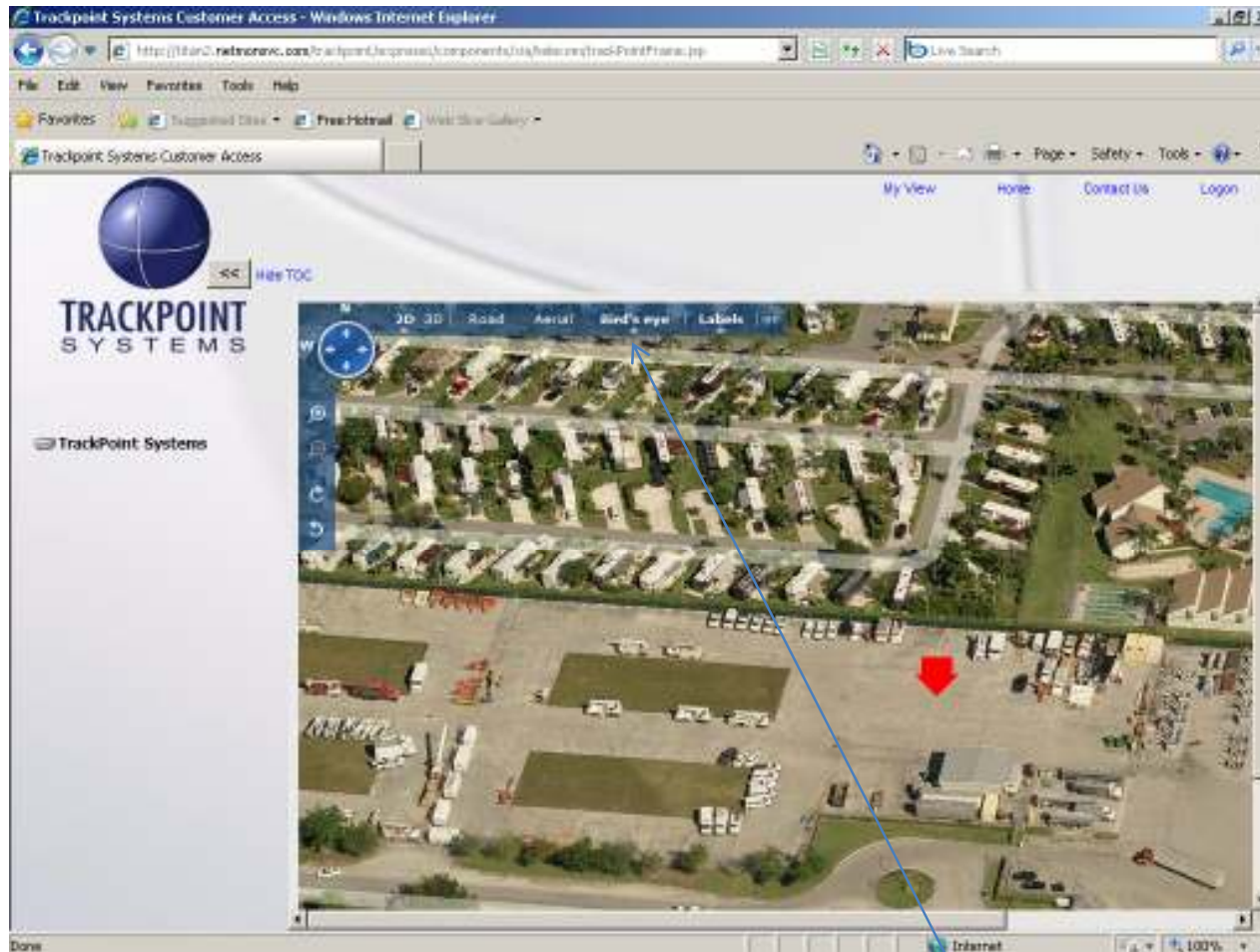
Map	Trailer ID	Date	Time	Near By	Location
	05016	2010-09-09	12:39:02	F St, Wood, OH	yard Roseville OH
	05048	2010-09-09	09:52:10	5576 Little Richmond Rd, Montgomery, Trotwood OH	+
	06028	2010-09-09	13:09:25	5576 Little Richmond Rd, Montgomery, Trotwood OH	Harrod Trotwood OH
	0607	2010-09-09	07:55:34		+
	0610	2010-09-09	09:07:07	Spartanburg, Startex SC	+
	0703	2010-09-09	09:32:31		+
	0801	2010-09-09	08:17:37	F St, Wood, OH	yard Roseville OH
	0903	2010-09-09	07:46:14		+
	0904	2010-09-09	10:28:02	Canada, Oakville CA	+
	11018	2010-09-09	12:50:39	5576 Little Richmond Rd, Montgomery, Trotwood OH	+
	1102	2010-09-09	10:37:39	Canada, Oakville CA	Harl Oakville OH
	1103	2010-09-09	09:40:37	2854 Ropelle St, Wayne, Detroit MI	+

ADDING A FRIENDLY LOCATION



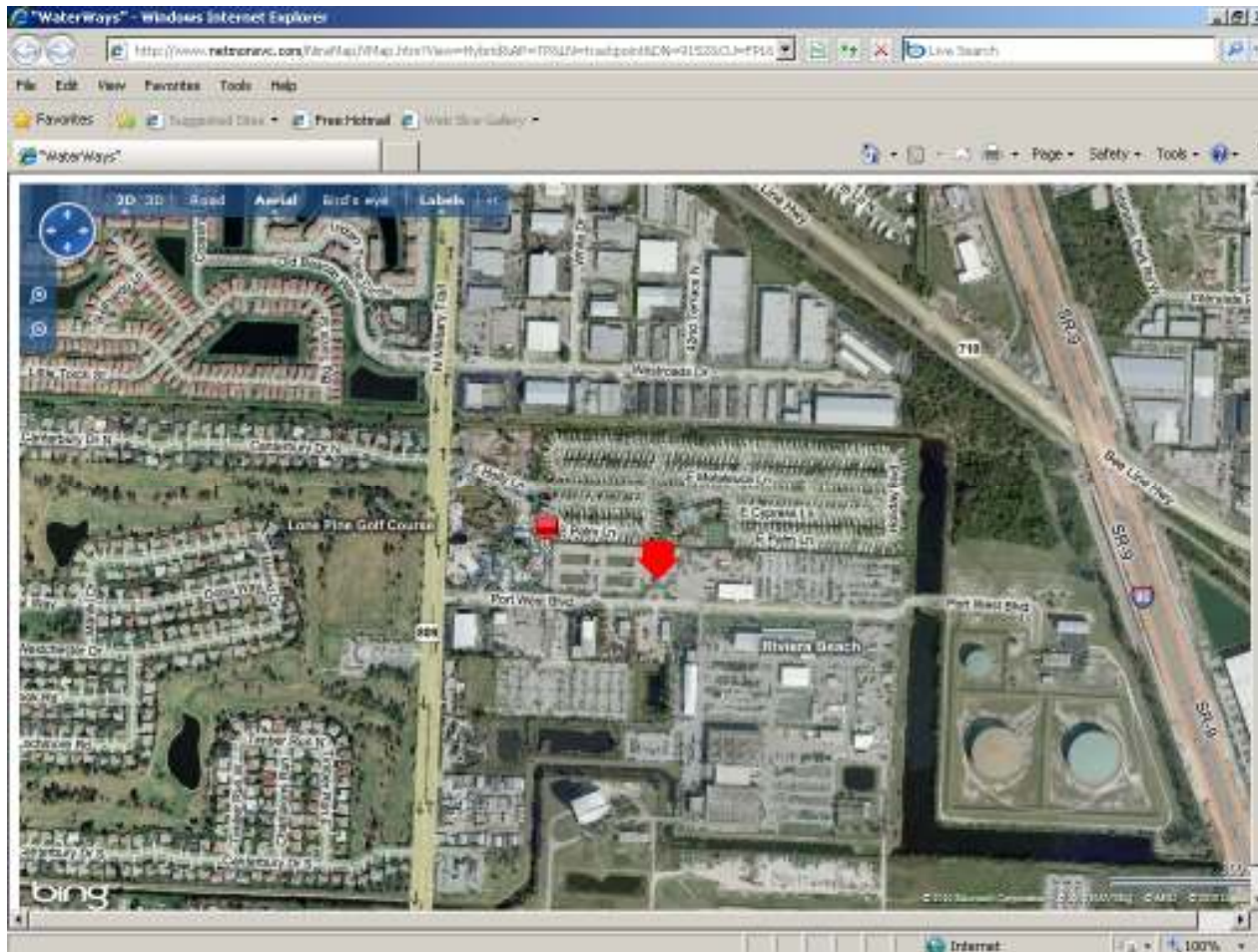
You will see a photograph of this location stated in the latitude and longitude. If this site has been in existence for 18 months, there will be a picture as you see above. These photographs are being updated all the time and will be automatically loaded when they become available.

ADDING A FRIENDLY LOCATION



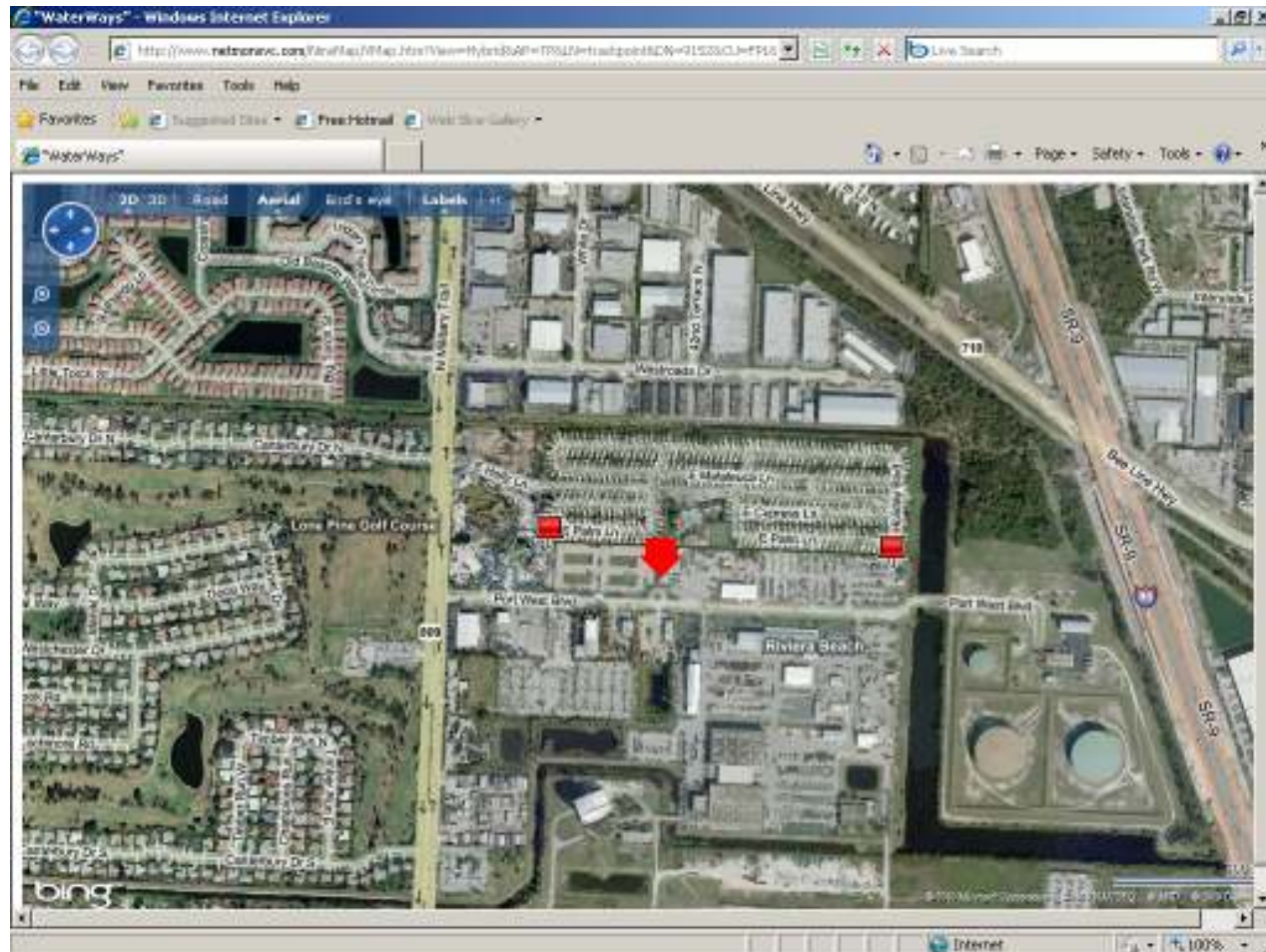
You can also see a close up of the same location by clicking on the *BIRD'S EYE* button in the upper left .

ADDING A FRIENDLY LOCATION



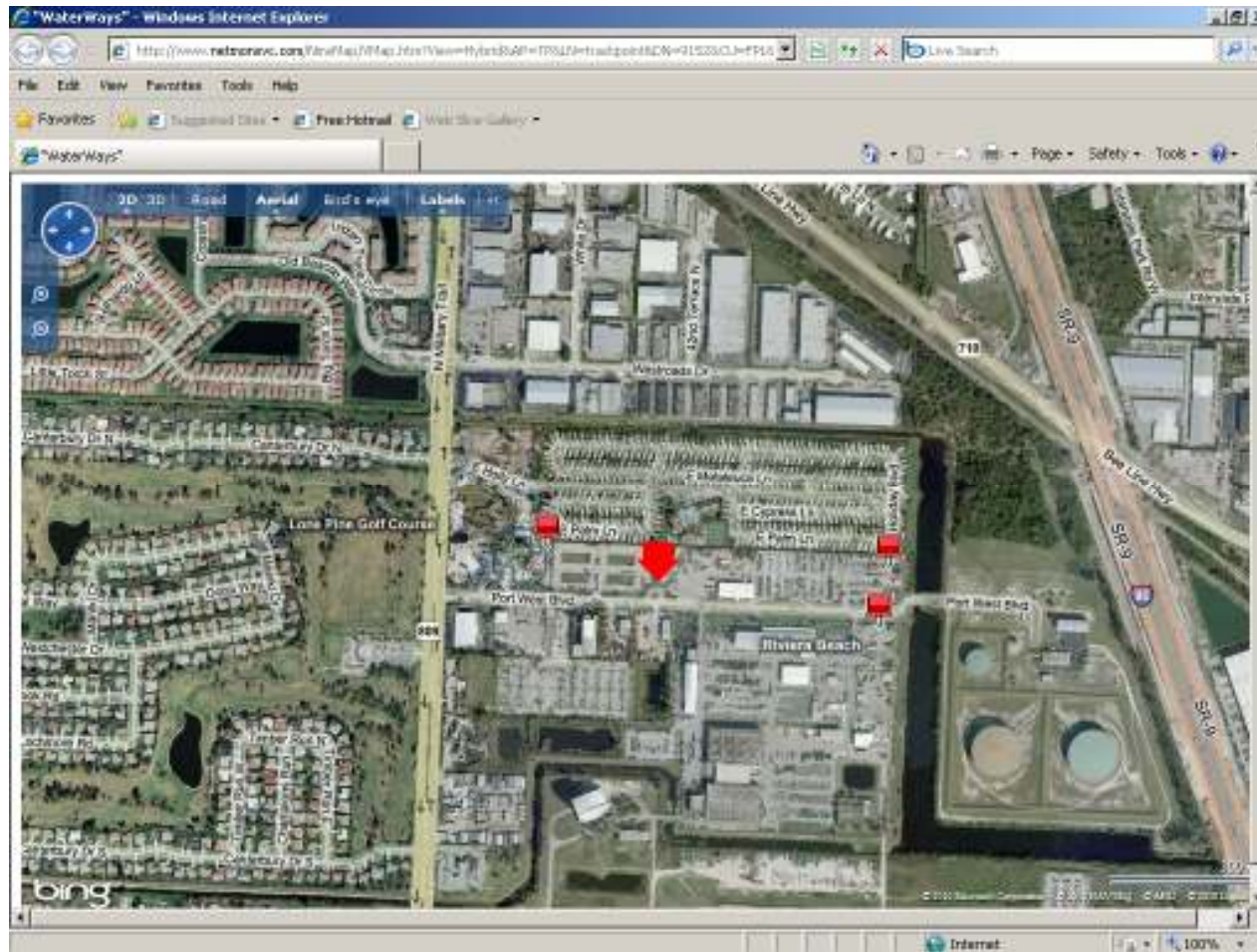
While holding your “Control “ key, use the cursor and start in the upper left corner of the area you wish to identify and “left click” your mouse. This will place the first “pushpin” into place.....

ADDING A FRIENDLY LOCATION



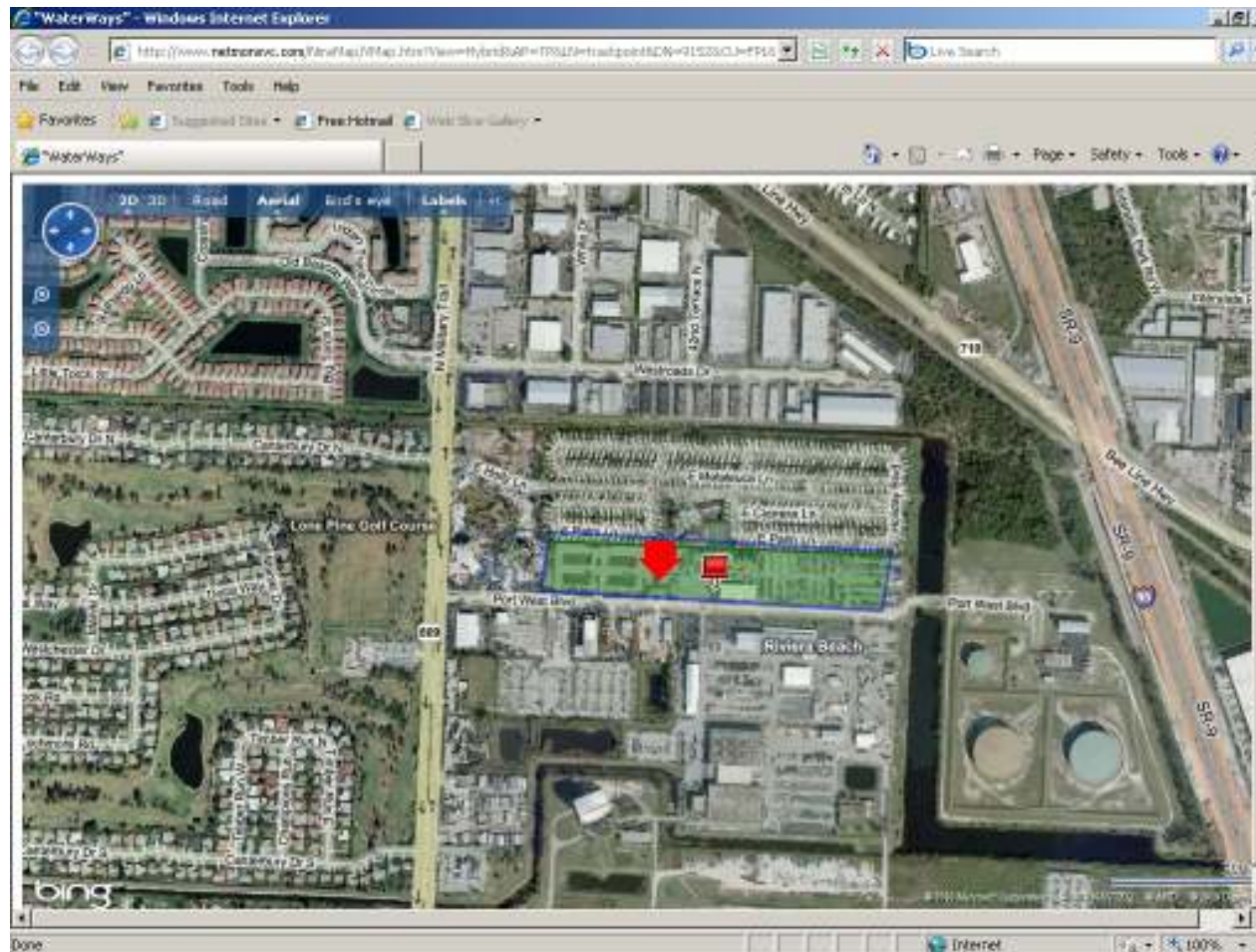
Using the same method, place the upper right “pushpin” into place.....

ADDING A FRIENDLY LOCATION



Using the same method, move to the lower right corner and then the lower left corner.

ADDING A FRIENDLY LOCATION



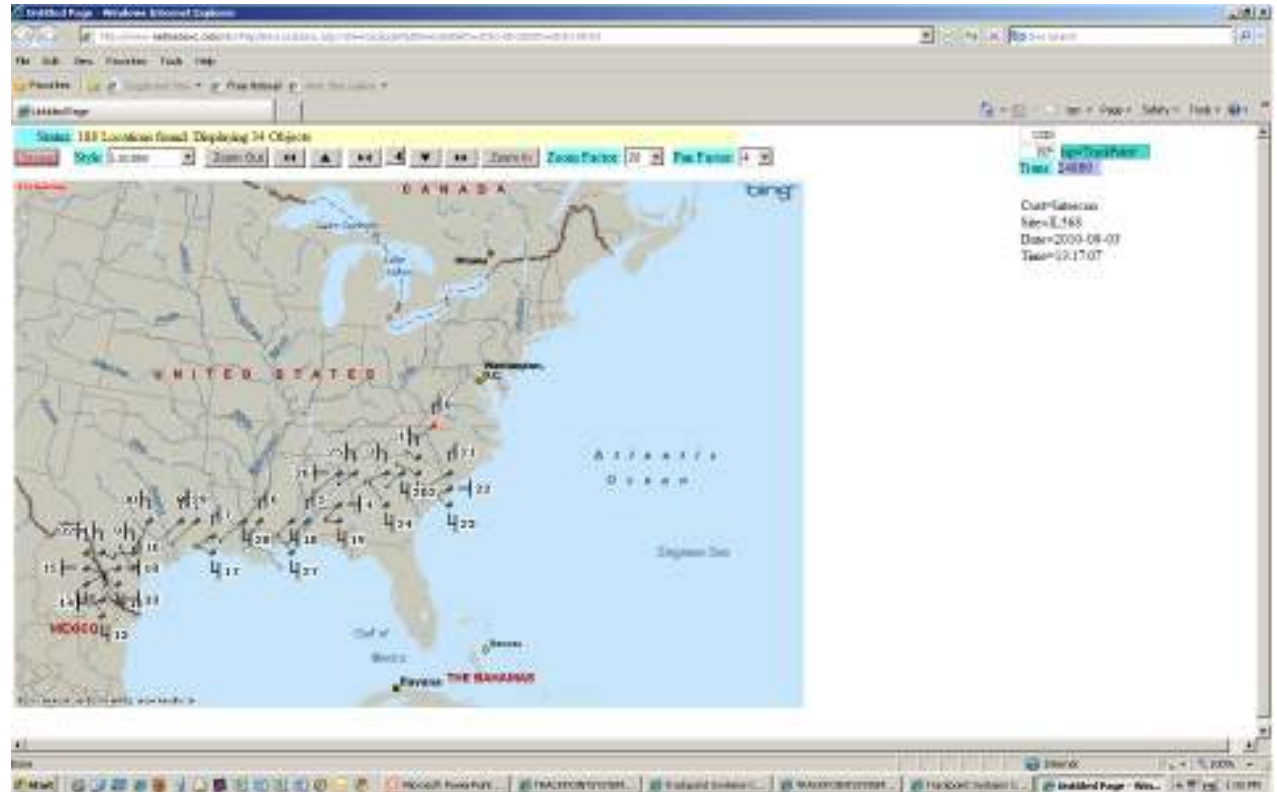
When the 4th “pushpin” is in place, the designated area will be highlighted in green. By floating the cursor over the center pin, you will be prompted to save the location.

MAPPING HISTORICAL DATA FROM THE STATUS REPORT

MAPPING HISTORICAL DATA FROM THE STATUS REPORT.

To view a map of historical data, click on any of the binoculars in the first column of the historical data display. This will display a map in a new window, with multiple pinpoints displaying the position reports. The report you clicked on is a point “)” and the number of the point increments increases with each older report.

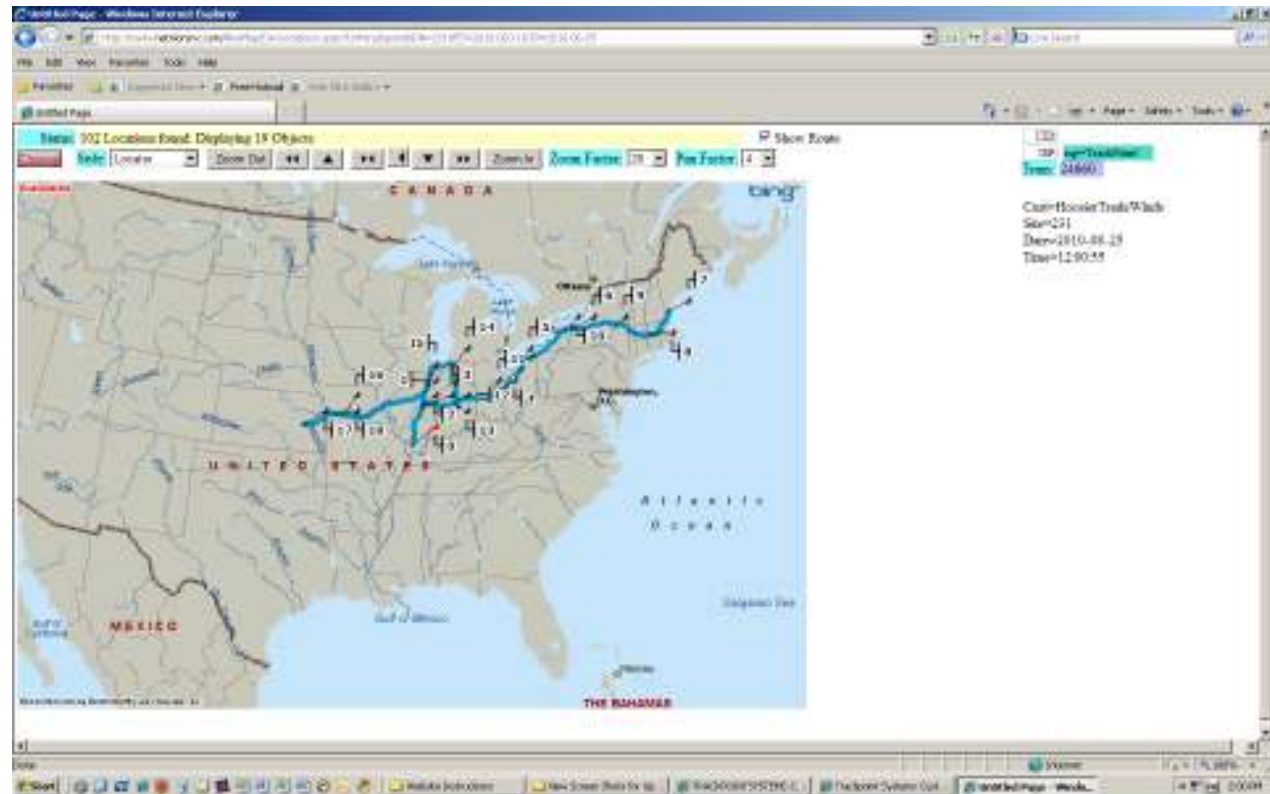
Note that if there are multiple reports from the same location, only a single point is shown for that location.



MAPPING HISTORICAL DATA FROM THE STATUS REPORT

To create a route, click on the check box labeled “Show Route” in the top right corner of the map.

The application will calculate the likeliest route and display the route using a blue line.



MAPPING HISTORICAL DATA FROM THE STATUS REPORT

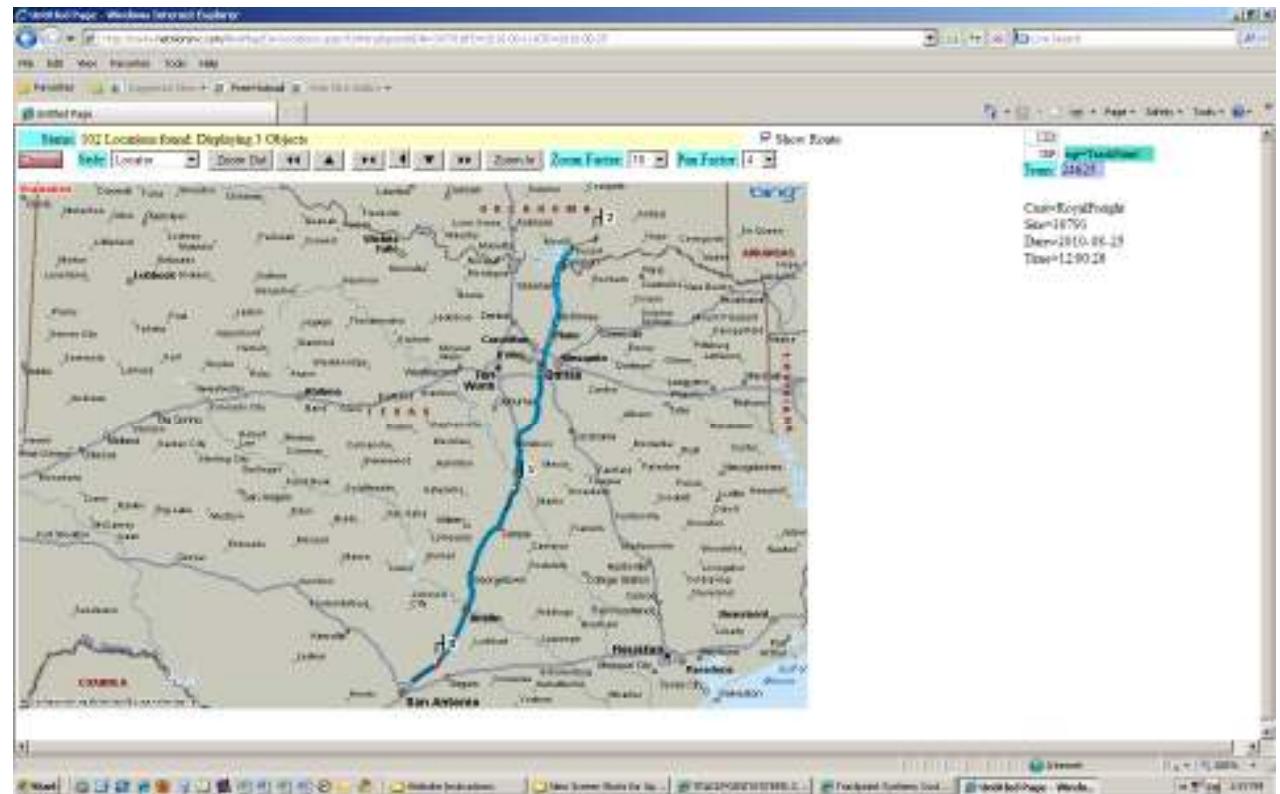
Mapping Controls

For any map, the opening screen will be a view of the device on a regional scale.

Typically a good focused view can be easily found by changing the Zoom Factor to 100 and clicking once to Zoom In.

Other standard map controls are:

Map Style selects between Road, Locator, and Terrain.

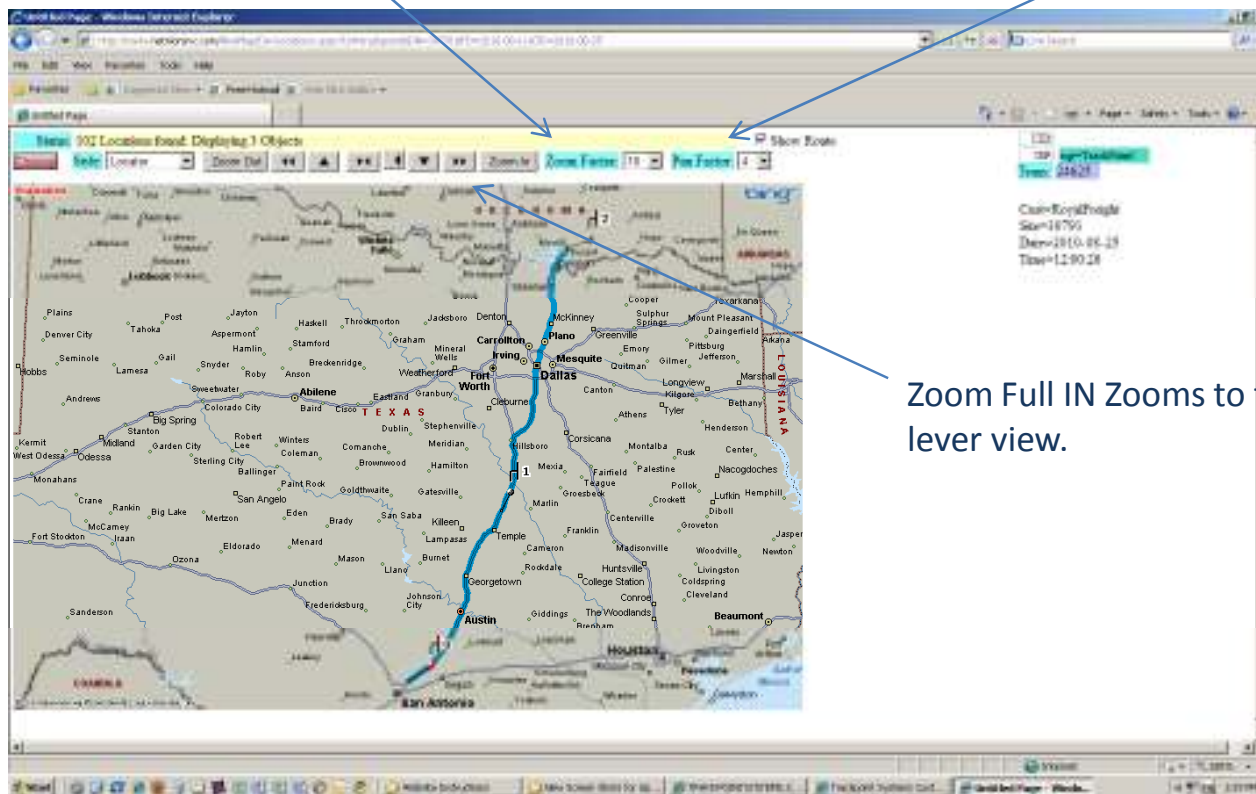


Road is the standard view, Locator removes Roads and allows easier visualization of the pushpin; Terrain includes standard geographical representations.

MAPPING HISTORICAL DATA FROM THE STATUS REPORT

Zoom in / Zoom out; Zoom according to the Zoom Factor
Larger numbers cause a larger amount of Zoom.

Pan Left / Right / Up / Down: Pan according to the Pan factor. Larger numbers have a greater PAN factor.

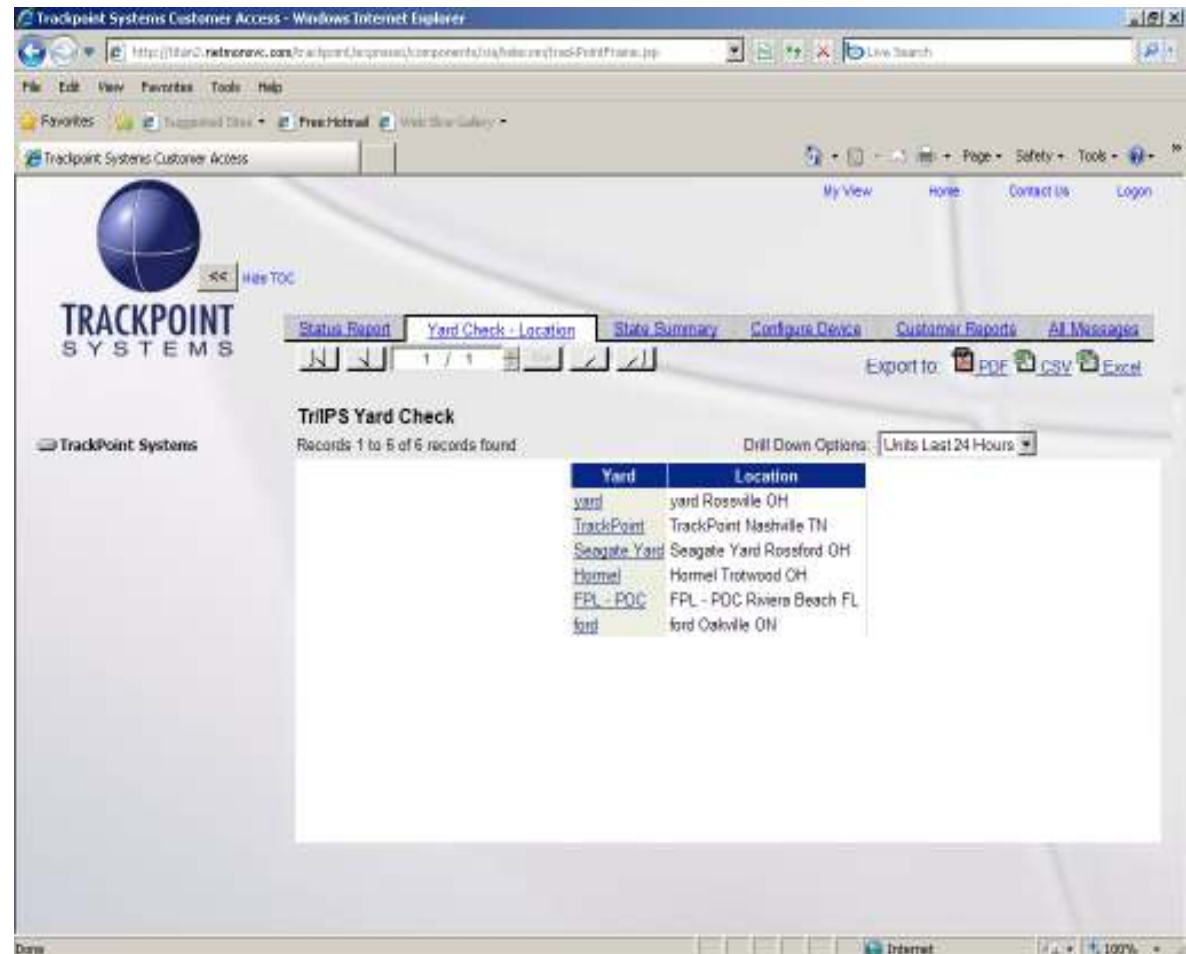


Zoom Full IN Zooms to the closest street level view.

2. YARD CHECK - LOCATION

The *YARD CHECK – LOCATION* feature allows a conventional yard check to be executed at the click of a button.

THE YARD CHECK – LOCATION report searches the database for messages sent from devices between 6 AM and 8 AM each morning, in the default time zone, and compares the location of each message to the list of *FRIENDLY LOCATIONS*.



The screenshot displays the TrackPoint Systems Customer Access web application. The browser window title is "Trackpoint Systems Customer Access - Windows Internet Explorer". The address bar shows the URL: <http://18402.net.tronarc.com/trackpoint/customeraccess/components/obj/tables/trackPointFrame.jsp>. The page features the TrackPoint Systems logo and a navigation menu with options: Status Report, Yard Check - Location (selected), State Summary, Configure Device, Customer Reports, and All Messages. Below the navigation menu, there are export options for PDF, CSV, and Excel. The main content area is titled "TriPS Yard Check" and shows "Records: 1 to 5 of 6 records found". A "Drill Down Options" dropdown is set to "Units Last 24 Hours". A table displays the following data:

Yard	Location
yard	yard Rossville OH
TrackPoint	TrackPoint Nashville TN
Seagate Yard	Seagate Yard Rossford OH
Hornet	Hornet Trotwood OH
FPL - PDC	FPL - PDC Riviera Beach FL
ford	ford Oakville ON

2. YARD CHECK - LOCATION

The screenshot shows a web browser window displaying the Trackpoint Systems Customer Access interface. The page title is "Trackpoint Systems Customer Access - Windows Internet Explorer". The address bar shows the URL: <http://144.20.142.100:8080/TrackpointSystems/Components/Default.aspx?TrackpointFrame.js>. The page features the Trackpoint Systems logo and navigation tabs: Status Report, **Yard Check - Location**, State Summary, Configure Device, Customer Reports, and All Messages. Below the tabs, there are navigation controls (back, forward, search) and an "Export to" section with options for PDF, CSV, and Excel. The main content area is titled "TriPS Yard Check" and shows "Records 1 to 5 of 5 records found". A "Drill Down Options" dropdown is set to "Units Last 14 Days". The table below lists yards and trailers:

Location	Trailer ID	Load Status %
Seagate Yard Rosford OH	0510	
Seagate Yard Rosford OH	0803	
Seagate Yard Rosford OH	1103	
Seagate Yard Rosford OH	0801	
Seagate Yard Rosford OH	0501B	

The *YARD CHECK* screen presents a list of yards (*FRIENDLY LOCATIONS*) with trailers present that morning. If there are no trailers on a yard, there is no listing for that yard. Clicking on the hyperlinked yard (*FRIENDLY LOCATION*) will pull up a list of trailers on that yard along with the load status of that trailer (if utilizing the Tr/IPSNet™ load sensors).

Clicking on the hyperlinked trailer ID will then pull up the standard 14-day historical data screen similar to that of the status report.

3) STATE SUMMARY

The screenshot shows a web browser window titled "Trackpoint Systems Customer Access - Windows Internet Explorer". The address bar shows the URL: <http://104.20.162.100:8080/trackpoint/customeraccess/components/usa/hibe/req/trid-PointFrame.jsp>. The page features the Trackpoint Systems logo and navigation tabs: "Status Report", "Yard Check - Location", "State Summary", "Configure Device", "Customer Reports", and "All Messages". The "State Summary" tab is selected. Below the tabs, there are navigation controls and an "Export to:" section with options for PDF, CSV, and Excel. The main content area is titled "TriPS State Summary" and shows "Records 1 to 22 of 16 records found". A "Drill Down Options:" dropdown menu is set to "City Summary". A table displays the following data:

State	Trailers
WY	2
VA	7
TX	32
IN	124
SC	6
PA	2
OH	26
MI	3
IL	3
MO	3
LA	2
KY	5
KS	2
HI	15

The State Summary main screen – The State Summary is selected by clicking on the hyperlinked tab. The main screen displays how many trailer's last report was in each state, or in other words, how many trailers are in each state. Only those states containing trailers are displayed.

3) STATE SUMMARY CITY SUMMARY DRILL DOWN

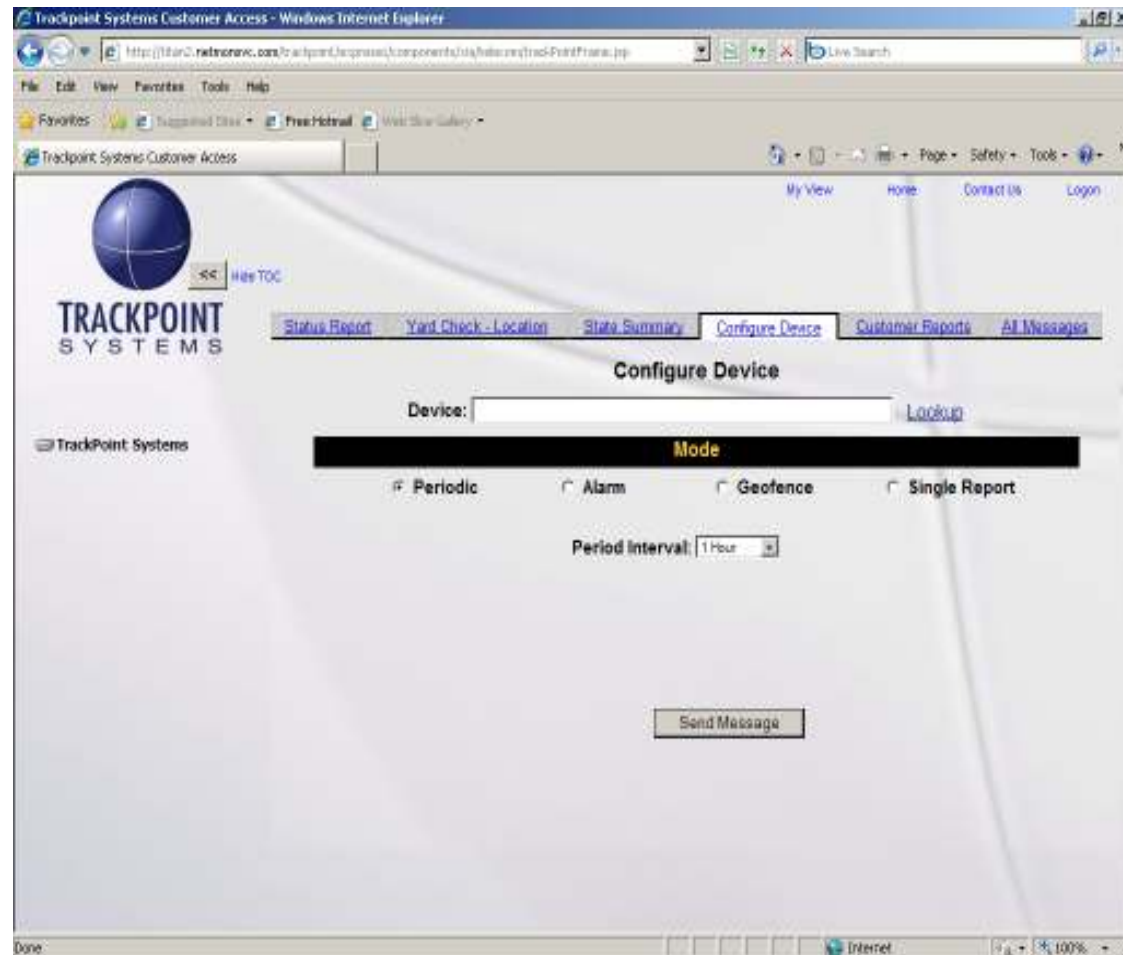
Drilling down to the City Summary – From the State Summary screen, clicking on one of the state abbreviations will drill down to the city summary. This will display the number of trailers within the displayed radius of each city.

Note: Du to the overlapping radii of some cities, a single trailer may appear in the list of two different cities. Fox example, a trailer located halfway between Dallas and Fort Worth would likely show up within the 25 mile radius of each city center.

4) CONFIGURE DEVICES

The *CONFIGURE DEVICES* tab allows the user to change the operating mode of one or many devices, or to request a single “ping” of one or many devices. Configuring a device results in a message being sent to the device with the desired operating mode.

The *CONFIGURE DEVICES* screen is accessed by clicking on the hyperlinked *CONFIGURE DEVICES* tab.



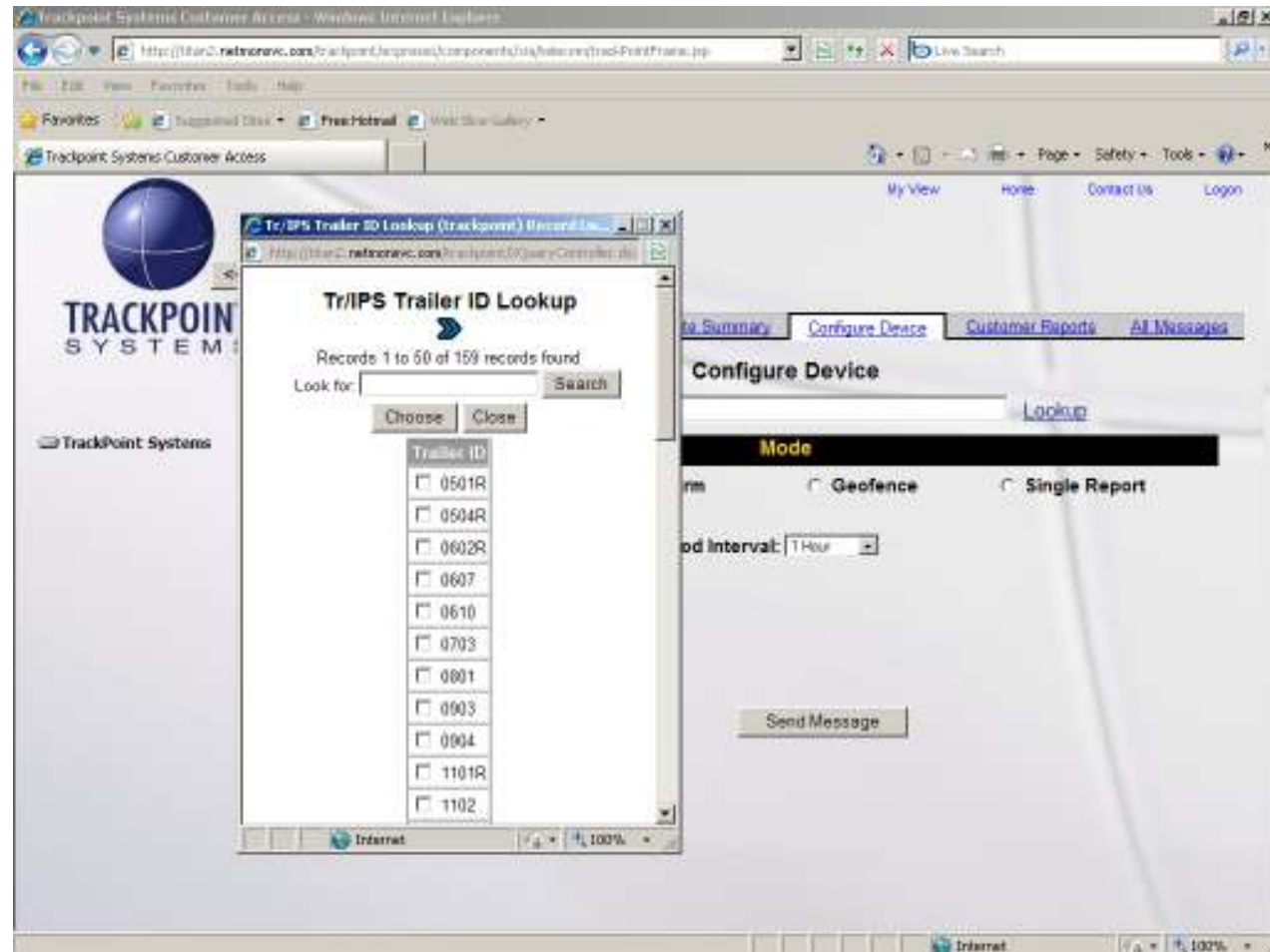
To configure a device, you must enter a Trailer ID and then select one of the four options: Periodic Mode, Alarm Mode, Geofencing Mode, or Single Report.

4) CONFIGURE DEVICES

Selecting a trailer to configure –

To select a trailer or trailers, either enter the Trailer ID in the text box or click on the hyperlinked *LOOKUP*.

From the Trailer ID Lookup window, simply check the box next to the trailer ID (s) you wish to configure. Click on *CHOOSE* and then *CLOSE* to return to the *CONFIGURE DEVICES* screen.



4) CONFIGURE DEVICES – PERIODIC MODE

PERIODIC MODE

In Periodic Mode, the device will send one message every time the selected period elapses.

To set a device in Periodic Mode, select the radio button next to Periodic Mode and then use the drop-down menu to set the periodic interval. Then, click Send Message to send the new configuration to the selected device.

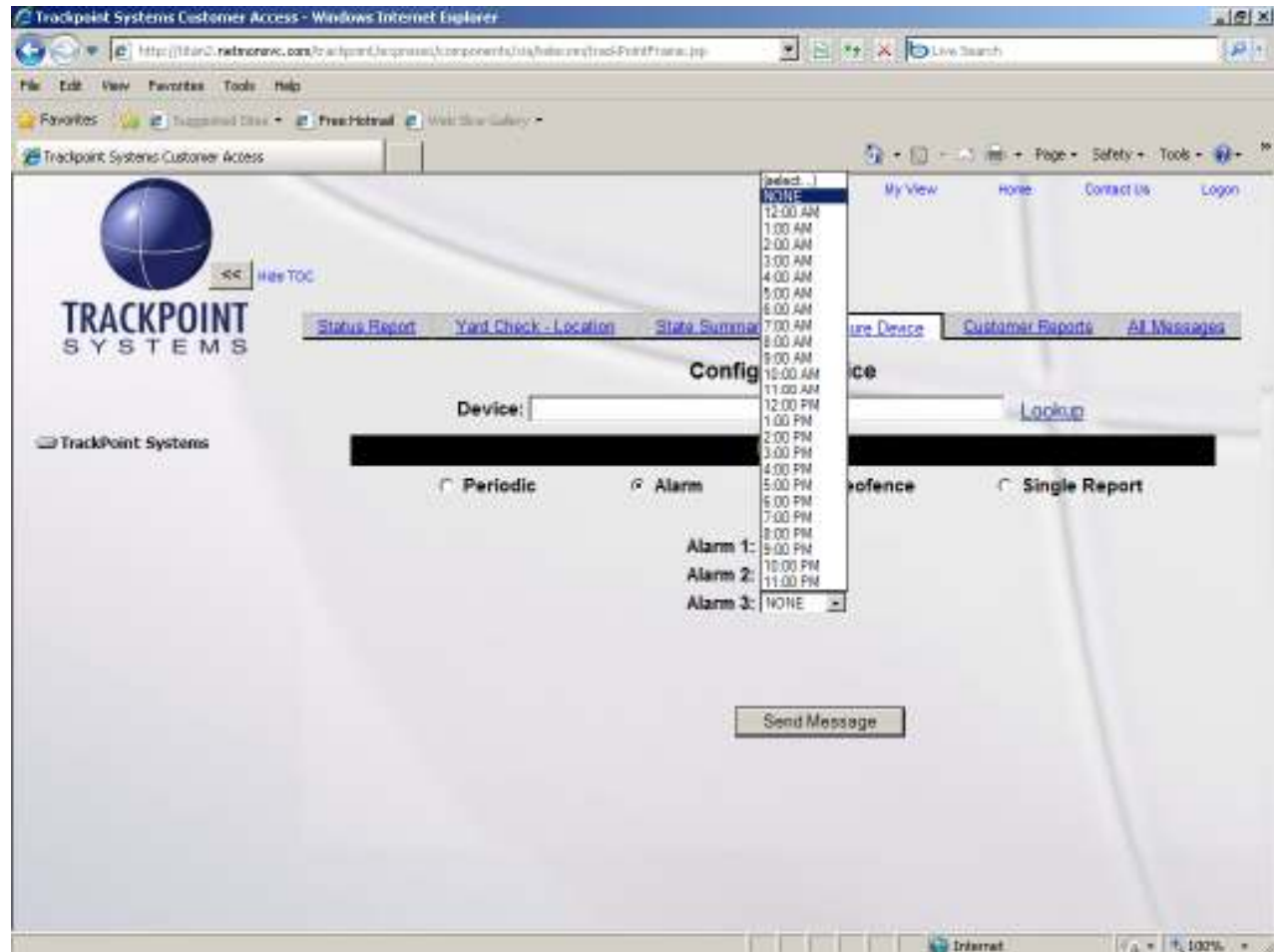


4) CONFIGURE DEVICES – ALARM MODE

ALARM MODE

In Alarm Mode the device sends out a message at the Alarm times selected.

To set a device in Alarm Mode, select the radio button next to Alarm Mode and then use the drop down menu to set the alarm times. Up to three alarms can be set per day. Click Send Message to send the new configuration to the selected devices.



4) CONFIGURE DEVICES – GEOFENCING MODE

Violation Period

This sets the number of times you would like the system to notify you of geofence violations.

Response to violations can increase with scale for different reports. For example, a first violation might just go to your dispatcher. If nothing is resolved, a second notification might go to a supervisor.

Violations can be reported through email, SMS text messages, pager notifications, or other means.

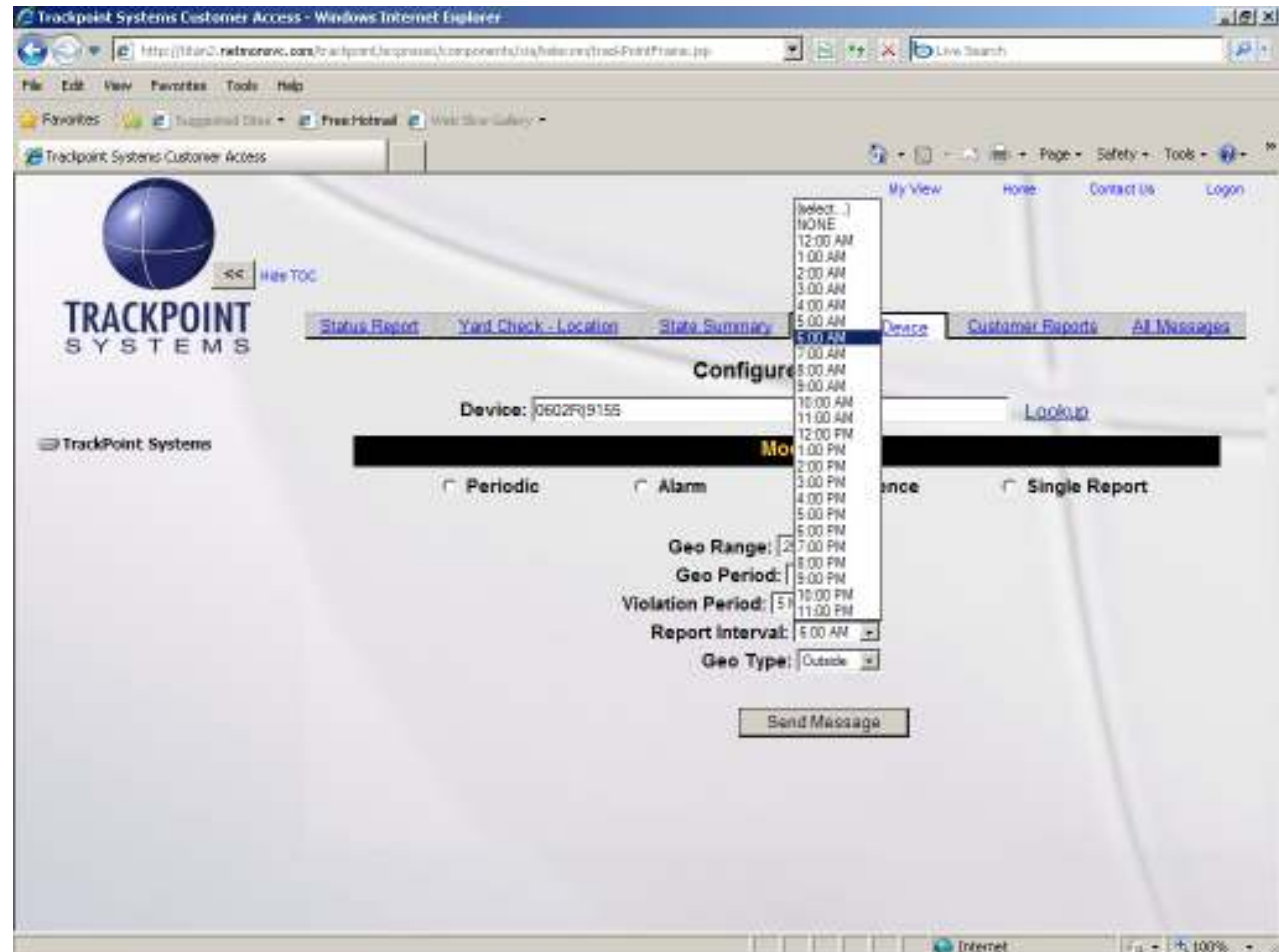


4) CONFIGURE DEVICES – GEOFENCING MODE

Report Interval

Once a day, each geofenced asset will report in with a “heart beat” message. This is to let you know it is operating as intended.

You may choose to have all units report in at once or various times during the day (to compensate for time zones for example).

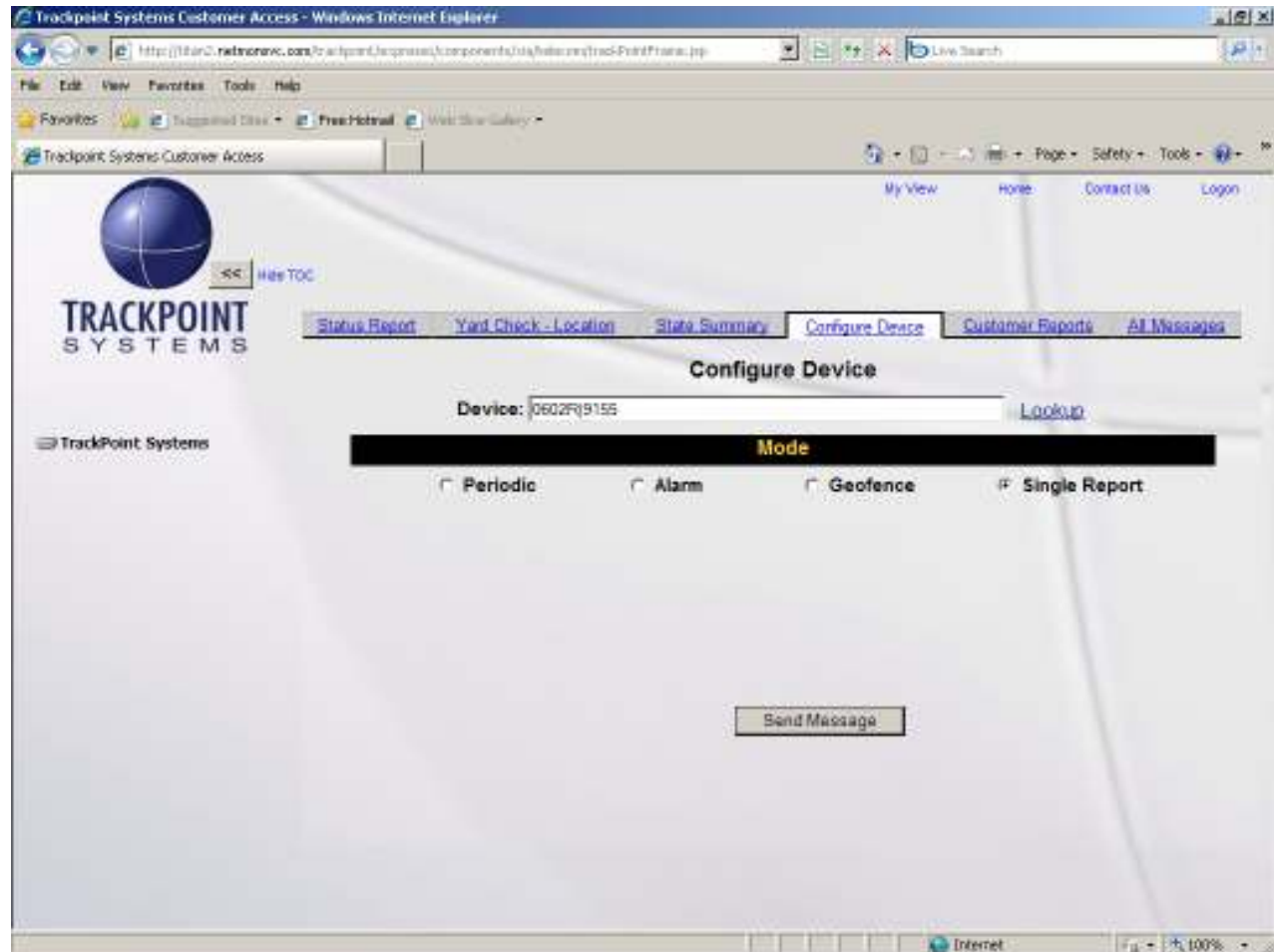


4) CONFIGURE DEVICES – SINGLE REPORT

Single Report

This sends a request for a single “ping” for the asset.

To see the results of this single “ping”, simply refresh your Status Report screen after 3 or 4 minutes to see the most up to date location report from this asset.

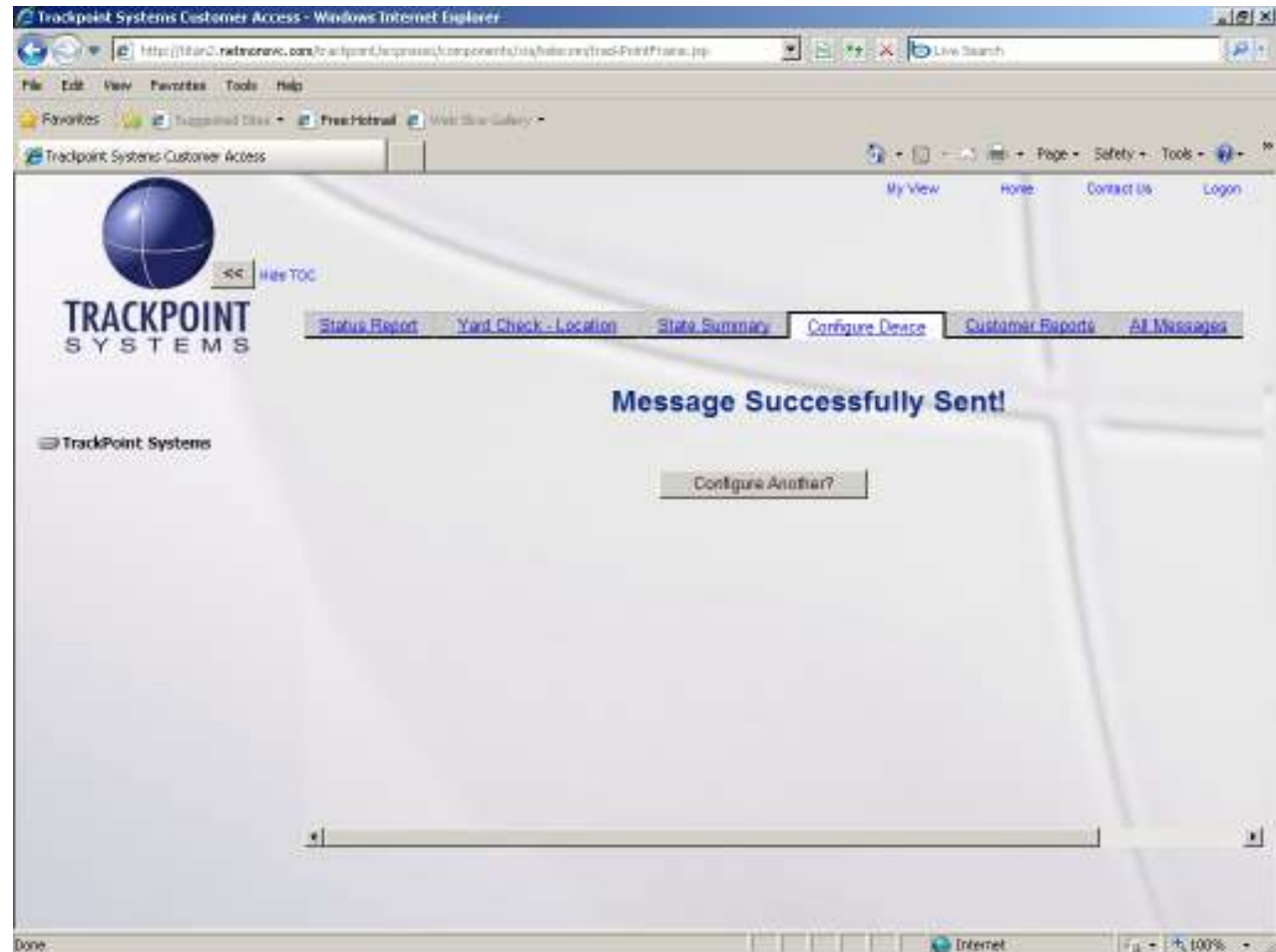


4) CONFIGURE DEVICES – SINGLE REPORT

Message Sent

When the application has accepted the request and sent the messages to the device(s), it will display that the message has been successfully sent.

From this screen, select “Configure Another” to reconfigure or send a Single Report request to another device. Or, click on any of the hyperlinked tabs to go to another screen.



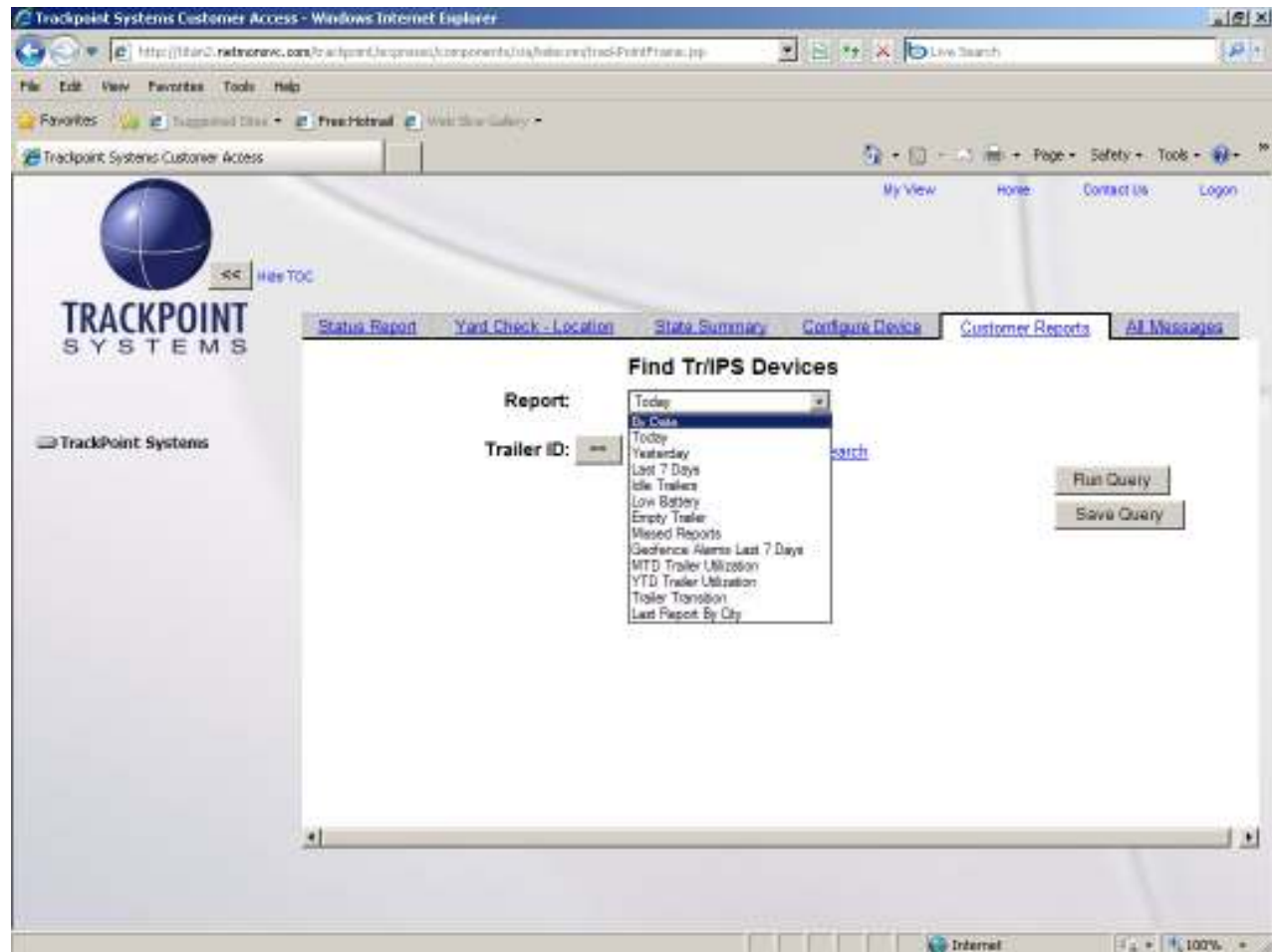
5. Customer Reports Screen

The Customer Reports tab provides access to standard and any customer created reports.

The Customer Reports Screen

The Customer Reports screen is accessed by clicking on the hyperlinked Customer Reports tab.

To view a report, you must select the report from the drop down menu. If no Trailer ID is entered, the report will look for all trailers; if Trailer ID is entered it will only run the report for the selected trailers.

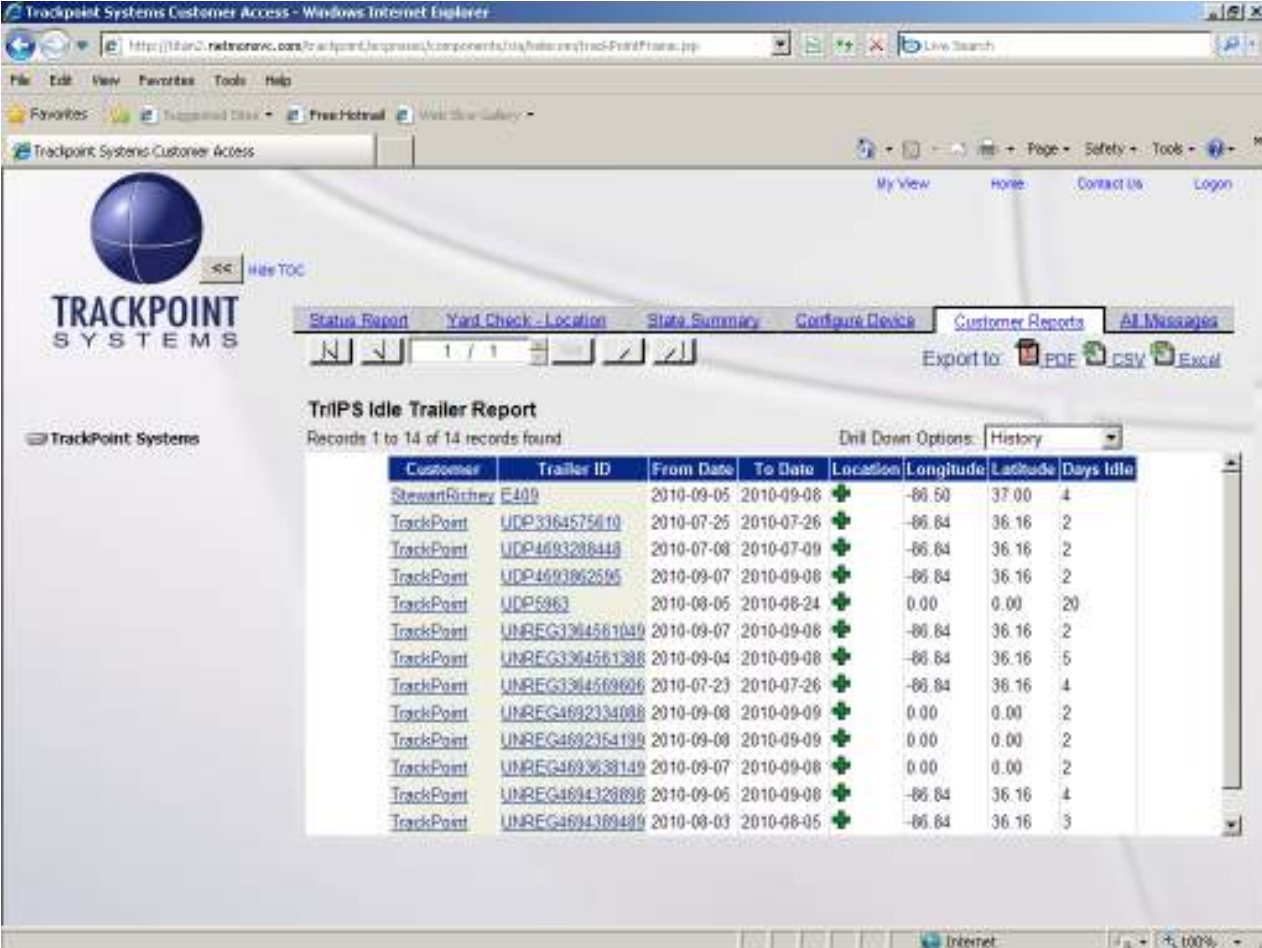


5. Customer Reports Screen

Idle Trailers Report

The Idle Trailers report provides a list of all trailers who have not moved for the last 72 hours.

Idle Trailers are determined by evaluating the position of each trailer in each message. An error of roughly $\frac{1}{4}$ mile is built-in to prevent trailers moving within a yard from appearing to have been used.



TrackPoint Systems Customer Access - Windows Internet Explorer

http://104.20.161.100:8080/TrackPointSystems/Components/Utilities/IdleTrailers.jsp

TrackPoint SYSTEMS

Status Report | Yard Check - Location | State Summary | Configure Device | **Customer Reports** | All Messages

Export to: PDF CSV Excel

TriPS Idle Trailer Report

Records 1 to 14 of 14 records found

Drill Down Options: History

Customer	Trailer ID	From Date	To Date	Location	Longitude	Latitude	Days Idle
StewartRichey	E409	2010-09-05	2010-09-08	+	-86.50	37.00	4
TrackPoint	UDP3364575010	2010-07-25	2010-07-26	+	-86.84	36.16	2
TrackPoint	UDP4693286449	2010-07-08	2010-07-09	+	-86.84	36.16	2
TrackPoint	UDP4693862595	2010-09-07	2010-09-08	+	-86.84	36.16	2
TrackPoint	UDP5863	2010-08-05	2010-08-24	+	0.00	0.00	20
TrackPoint	UNREG3364561049	2010-09-07	2010-09-08	+	-86.84	36.16	2
TrackPoint	UNREG3364561388	2010-09-04	2010-09-08	+	-86.84	36.16	5
TrackPoint	UNREG3364569696	2010-07-23	2010-07-26	+	-86.84	36.16	4
TrackPoint	UNREG4692334008	2010-09-08	2010-09-09	+	0.00	0.00	2
TrackPoint	UNREG4692354199	2010-09-08	2010-09-09	+	0.00	0.00	2
TrackPoint	UNREG4693638149	2010-09-07	2010-09-08	+	0.00	0.00	2
TrackPoint	UNREG4694328898	2010-09-05	2010-09-08	+	-86.84	36.16	4
TrackPoint	UNREG4694389489	2010-09-03	2010-08-05	+	-86.84	36.16	3

The data in the Idle Trailer report includes the trailer ID, nearest city or Friendly Location of the trailer, and the length of time it has been idle.

5. Customer Reports Screen

Additional reports are also accessed through the Customer Reports Screen.

This is also the area you can access any custom reports designed for you.

- 1) Click the Report Type
- 2) ID the trailers you want in the report, and
- 3) Run Query.

