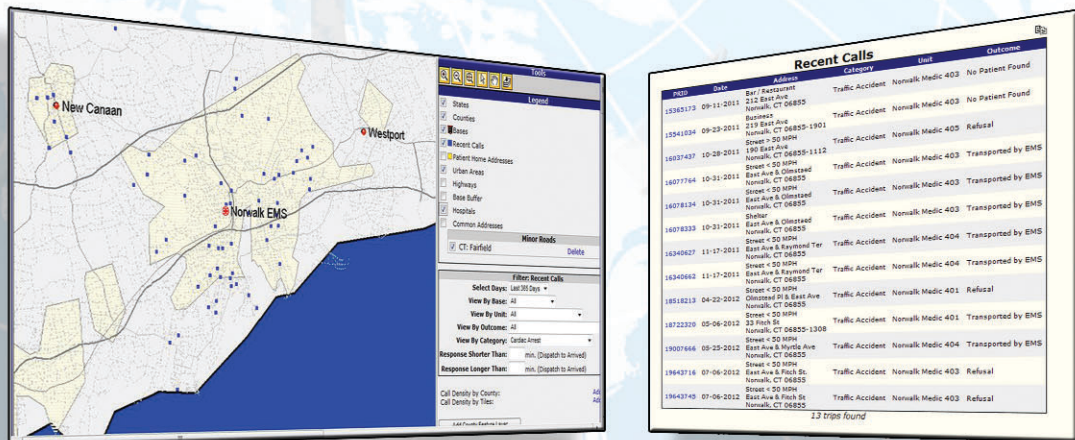


# GEOCODING

The emsCharts **Geocoding module** provides  
an assortment of **powerful features**  
to enhance **data collection and reporting.**

Geocoding is the process of assigning Latitude and Longitude coordinates to all addresses (referring, receiving, and patient addresses). After coordinates are assigned, the Geocoding module can be used to auto-calculate mileages, setup bio-surveillance alerts, perform spatial analysis reporting to view EMS incident plot densities, and run a variety of statistical reports.



## WHAT IS GEOCODING?

Geocoding is the process of assigning geographic coordinates (e.g. latitude and longitude) from other geographic data, such as street addresses. When the Geocoding module is enabled in emsCharts, coordinates are automatically generated for all addresses in the patient record.

## GEOCODING BENEFITS

- Eliminate the need for crews to enter mileage on the patient record
- Achieve better fractional mileage compliance with automatic documentation to a tenth-of-a-mile
- Standardize distances between locations in your service area for consistent mileages
- Create visual representation of your data for a different point of view

## ELIMINATE MILEAGE HEADACHES AND IMPROVE COMPLIANCE



emsCharts



# GEOCODING

## GEOCODING FUNTIONALITY

### Fractional Mileage Calculation

emsCharts references a mapping service to automatically document the shortest driving route (ground) or straight-line distance (air) between two locations.

### Bio-Surveillance Alerts

Setup email alerts to notify you when pre-determined thresholds have been met within a defined distance and time period.

**Example** FLU 10 10 10 alert would be setup as follows: 10 Flu-like symptom calls within hours within a 10 mile radius.

**Example** Overdose 5 5 5 alert would be setup as follows: 5 Narcan administrations within 5 hours with in a 5 mile radius.

### Plot Density Mapping

Display all of your EMS incidents on a map. Specific calls can be filtered by based on call, date range, call type, call location, etc.

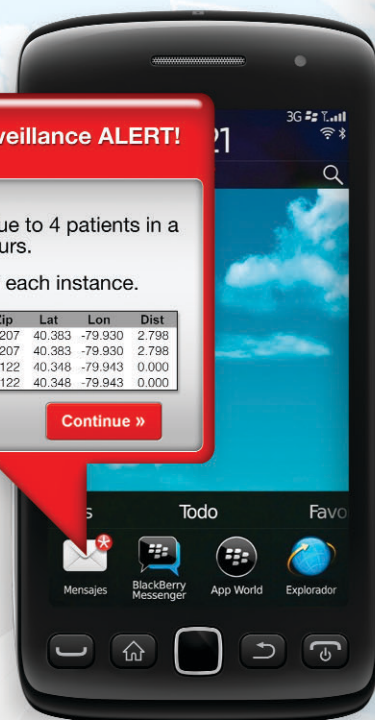
**!emsCharts Bio-Surveillance ALERT!**

Alert "Narcan Usage" triggered due to 4 patients in a 3 mile radius within the past 3 hours.

Below is a detailed breakdown of each instance.

PRID	Date/Time	City	State	Zip	Lat	Lon	Dist
20534000	09/04/2012 15:46	Pittsburgh	PA	15207	40.383	-79.930	2.798
20534000	09/04/2012 15:46	Pittsburgh	PA	15207	40.383	-79.930	2.798
20536193	09/04/2012 17:15	West Mifflin	PA	15122	40.348	-79.943	0.000
20536193	09/04/2012 17:15	West Mifflin	PA	15122	40.348	-79.943	0.000

[Continue »](#)



### Reporting

- Closest Trauma Center Report
- Distance Between Base and Call Report
- Time Between Base and Call Report
- Closest Base Report
- Mapping

**Geocoding is an optional add-on module for your emsCharts.com subscription. Contact your emsCharts Representative to find out more.**



LEARN MORE!

