Southern Software MDS

Update Readme

http://www.southernsoftware.com

2.103.3.0 – Current Version

****Due to an issue with the ArcGIS 10.3 Engine, MDS Version 2.103.1.0 had to be cancelled and 2.102.8.0 was released instead. The below features are a culmination of features from that release to this release.**

- Changed the way MDS builds locators due to an issue with Arc Engine Version 10.3
- Added AVL Alerts **Dependent on 3rd Party GPS Provider that may have this feature**
- Added CFS Station Routing **Requires Additional Setup in CAD
- Added the ability to quick zoom to parts of a route in the Routing Display in the Info Tab
  - Double Click on the word "Route:" to view the whole route
  - Double Click on the word "START:" to zoom to the starting point
  - Double click on the word "END:" to zoom to the end point
- Added a new notification for Map Data Copy and Locator Change
  - Globe in Upper Left Corner of the window will turn orange when new Map Data is available.
  - Globe in Upper Left Corner of the window will turn orange when a Locator Change has been made
  - When Globe is orange, the user can click on the globe and click on the active choice to restart MDS
- Added Code Red Interface for Emergency Notification
- BUG FIX – Fixed an issue where Start Call By Address would not fill in the appropriate fields in CAD
- BUG FIX – Fixed an issue where Start Call By Intersection would not fill in the appropriate fields in CAD (Also Requires CAD Version 16.1.1.226)
- BUG FIX – Fixed an issue where the Search Tab Menu would not close when the user clicked off of it
- BUG FIX – Fixed an issue with Map Data Copy where users would get an error if the MapLayerLog.XML file was corrupt or empty. (Root Element Missing)
- BUG FIX – Fixed an issue with using CAD tables in Map Layer Search

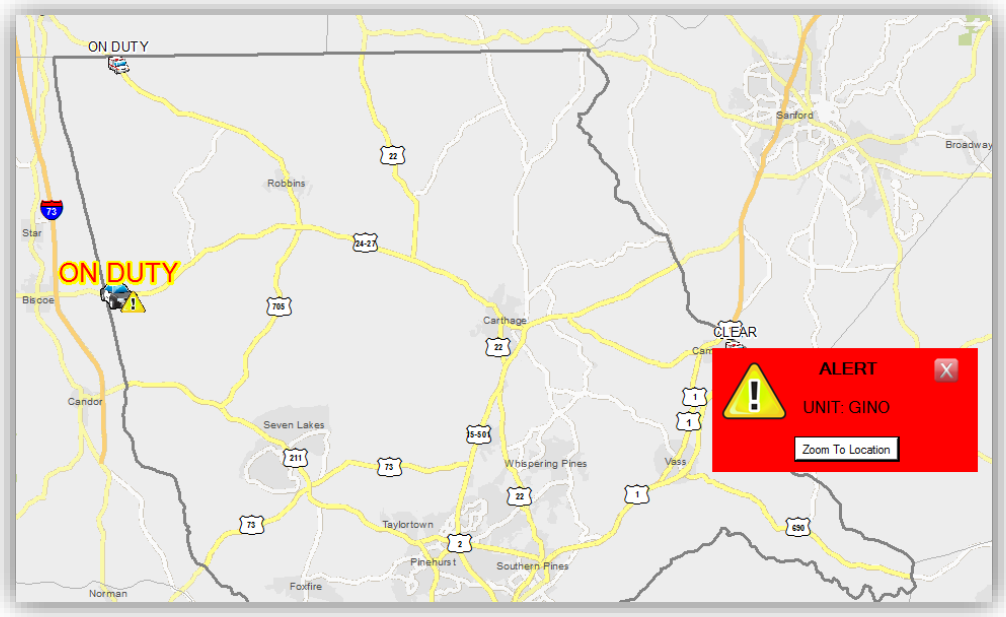
****For a full list of features and functionality refer to the MDS User Guide by clicking the Help button in the MDS Map Tools menu.**

AVL Alerts

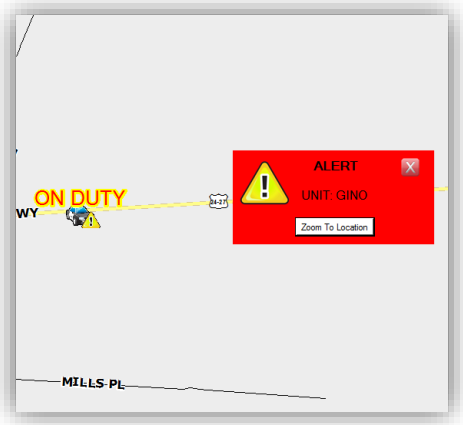
GPS providers may have a feature on their GPS devices that will allow alerting such as an Emergency Alert button etc. to indicate an alert. MDS can now work with this feature to provide alerts to the Map Display from these devices

Usage

If unit GINO triggers an alert, users will get this message and the unit label changes symbology.



Clicking the Zoom to Location button will take you to the default zoom in extent. The alert will remain displayed until it is closed by the user.



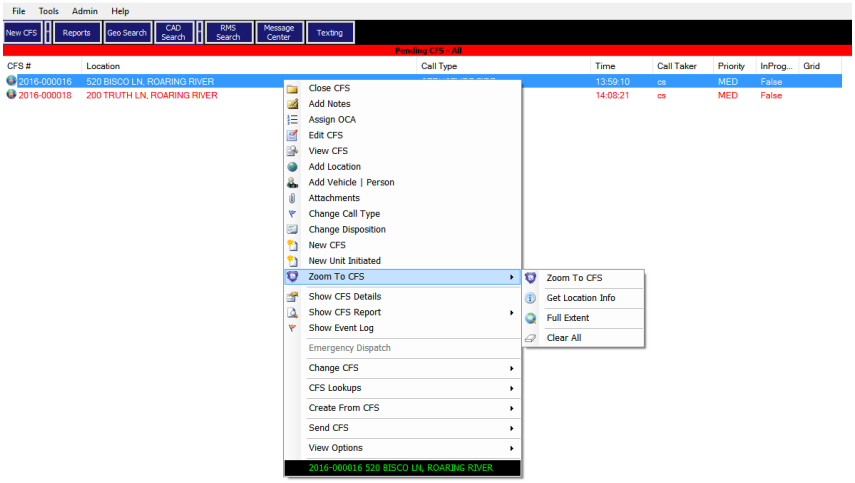
CFS Station Routing

MDS can be used to automatically route from the nearest station to a CFS.

Once configured and enabled, this feature will automatically display a route in MDS from the nearest station to the CFS

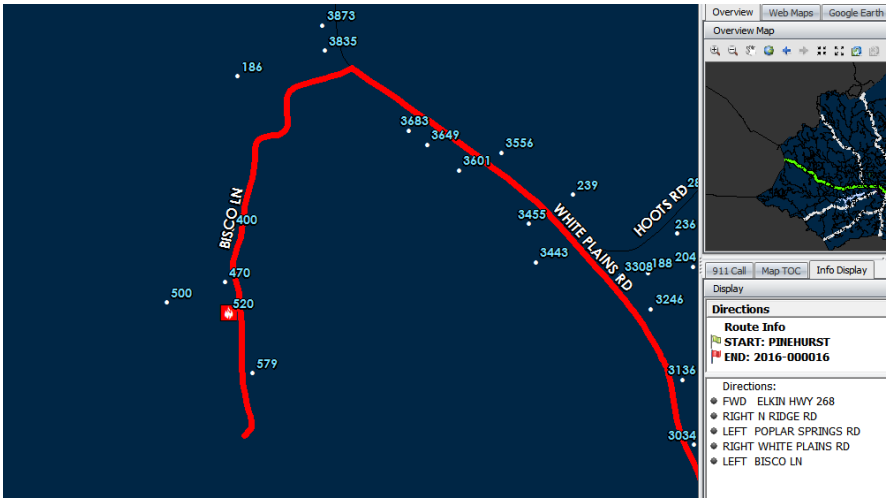
Step 1

Zoom to CFS



Step 2

MDS will display a route from the Nearest Station to the CFS



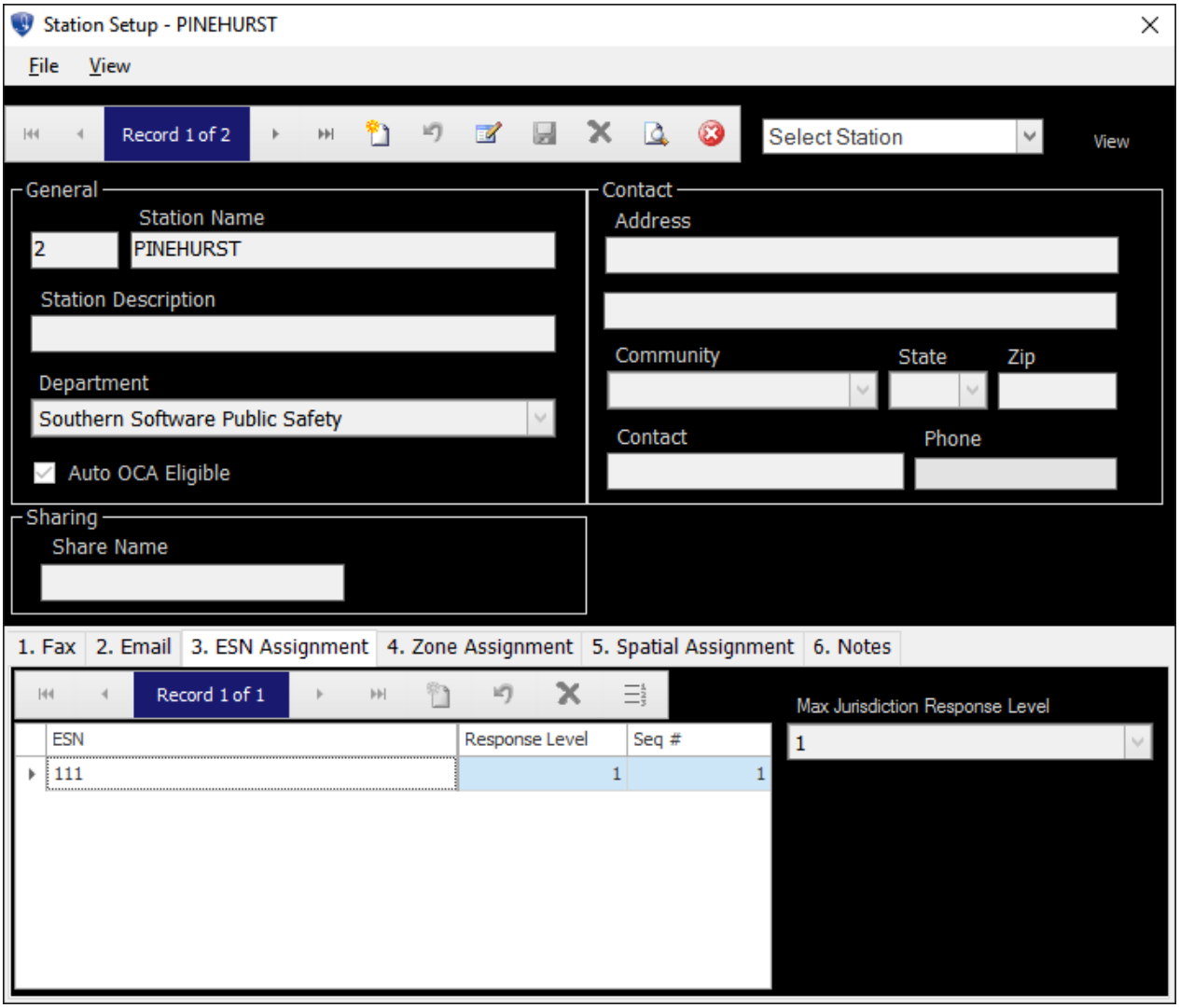
Once a Route is displayed, users can double click in the Directions section under the Info Display tab on “Route:”, “START:” or “END:” to quick zoom to different parts of the route.

To configure CFS Route from nearest station in MDS set the AutoRouting setting in the Routing Category of Map Setup to True.

This feature requires some setup in CAD as well:

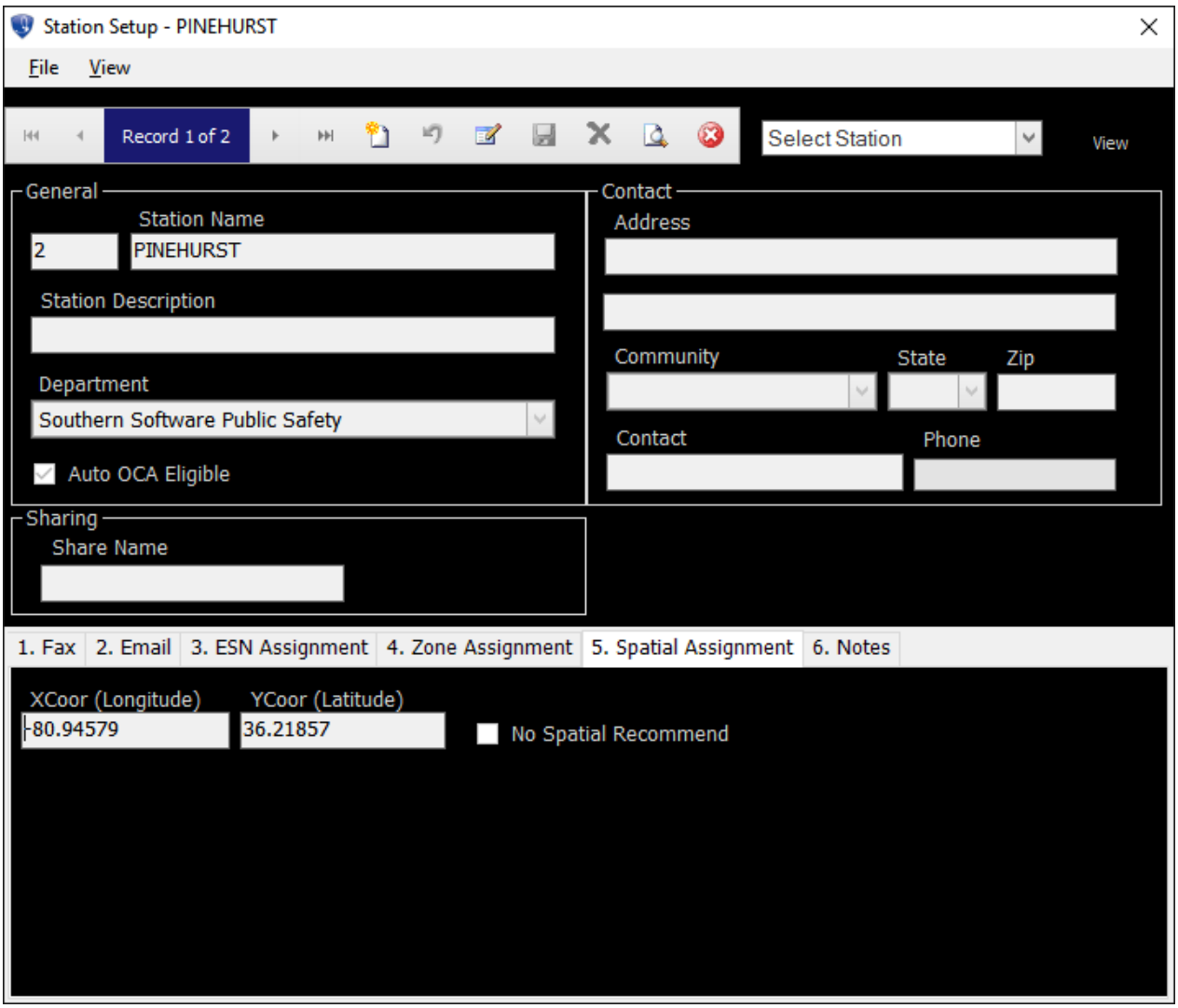
Stations – This feature requires that you have Stations setup in CAD for each Station that you want to be able to route from. For assistance on setting up Stations in CAD, contact Southern Software Support.

ESN Assignment – Each station that you want to route from will need to have the appropriate ESN Assignment set under the ESN Assignment tab for that station in Station Setup in CAD. All ESN numbers that this station covers should be set in the ESN Assignment tab.



Spatial Assignment – Each station that you want to route from will need to have the X and Y set under the Spatial Assignment tab in Station Setup in CAD. The X/Y that is set here should be the coordinates of the Station.

**Pay attention to enter the correct coordinate into the correct field i.e. X = Longitude and Y = Latitude

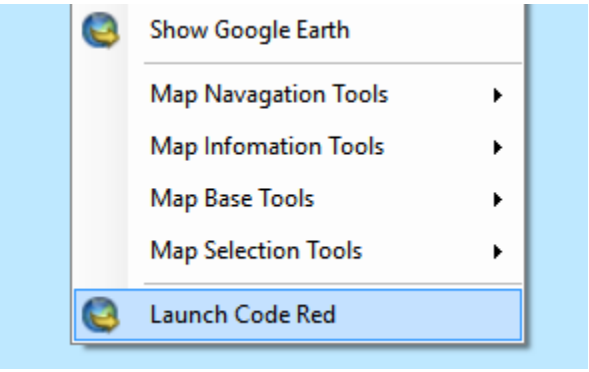


Once these settings have been set, when a user enters a CFS into CAD, after it has been saved, the next time the user Plots that CFS, MDS will automatically display a route from the nearest station to the CFS. Keep in mind this feature automatically routes based on the ESN used from the CAD MSAG or Geo-File when entering an Address for a CFS. Any errors in MSAG or Geo-File will need to be rectified to ensure proper routing. If multiple ESN numbers are set for multiple stations, MDS will draw a route to the closest station based on the X/Y set for the station.

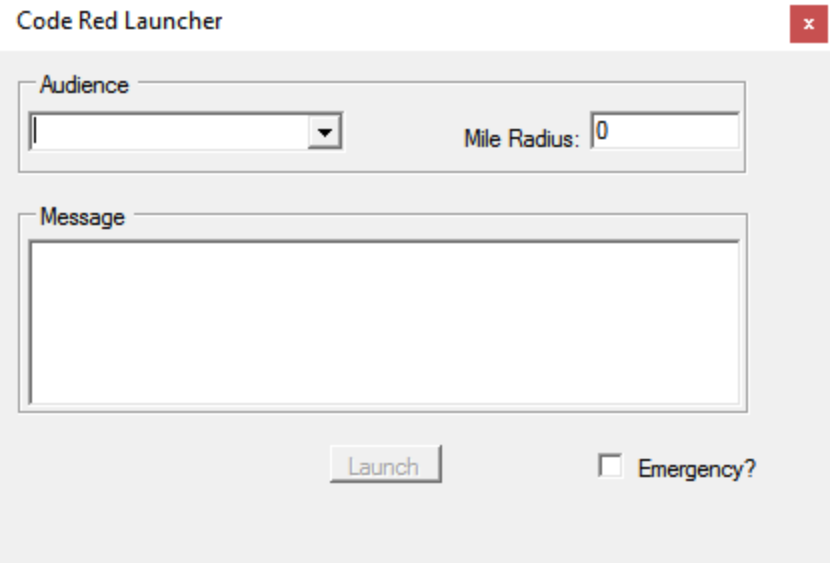
Code Red Interface

The Code Red interface is different than other Emergency Notification Systems in MDS. Code Red has its own window to activate a notification. The agency login information is setup in MDS Map Settings in the Code Red Category.

To start a notification with Code Red, the user can right click anywhere on the Main Map screen and there will be an option in the Right Click Menu to launch Code Red.



Once this is clicked a new window will appear for Code Red



Code Red Launcher

Audience – Contains the pre-defined recipient groups that are setup for your agency in Code Red

Mile Radius – How many miles you want to buffer the point that you clicked. If you leave it at 0, Code Red will send to everyone in the audience group that you have setup. If you set the miles to be more than 0, your notification will be sent to any number in your Code Red database inside of this geographic area.

Message – This is the text that you want to send in your notification. If there is no recorded message this will be converted to speech by Code Red and if any of the audience receiving this message have been setup for texting or email, this will be the text that they will receive.

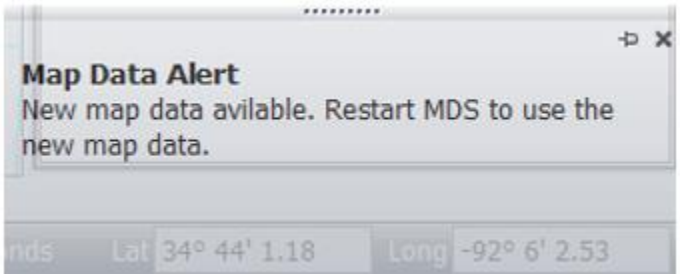
Emergency? – This is a toggle for Emergency or General Message. If this is checked then you will be sending an Emergency Notification.

Launch – This button will send everything that you have set in your notification from the Code Red Launcher window to Code Red to send the notification.

**This is the first iteration of this interface, there are additional features planned for this in upcoming releases of MDS.

Map Data Copy Notifications

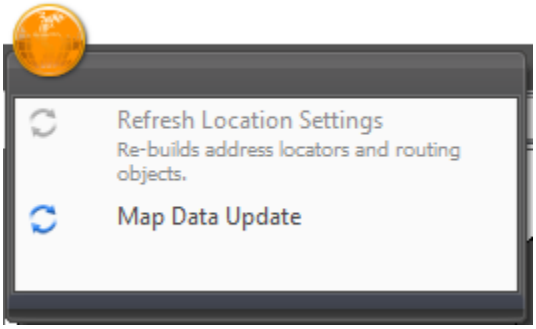
After MDC runs, MDS will display a Map Data Alert notification in the lower left section of the screen:



The Globe in the upper left corner of the MDS window will also change colors indicating that a restart of MDS is needed.



Users can click on the Globe and see the notification type and click on the Blue refresh icon to restart MDS.



2.103.1.0/2.102.8.0

- Updated MDS to be compatible with Arc Engine Version 10.3
- Added the ability to open the Position Settings by pressing the P key just after MDS is launched
- Added Map Data Copy Logging
- Added Hyper-link capabilities to Quick Drill
- Allow MDS to skip the Engine version check process
- BUG FIX – Fixed an issue where the Save Workspace/Reset Workspace was causing a procedure error
- BUG FIX – Fixed an issue where Google Maps tab and Google Earth tab was still showing even when the feature was turned off