Waze Alert-Type Filtering

Roger Strain

Global Type/Subtype Filtering*

Type	Subtype	Alerts
ACCIDENT		542
ACCIDENT	ACCIDENT_MAJOR	326
ACCIDENT	ACCIDENT_MINOR	510
JAM		782
JAM	JAM_HEAVY_TRAFFIC	2866
JAM	JAM_MODERATE_TRAFFIC	1536
JAM	JAM_STAND_STILL_TRAFFIC	1642
ROAD_CLOSED		13
ROAD_CLOSED	ROAD_CLOSED_CONSTRUCTION	28
ROAD_CLOSED	ROAD_CLOSED_EVENT	911
ROAD_CLOSED	ROAD_CLOSED_HAZARD	1

Type	Subtype	Alerts
WEATHERHAZARD		729
WEATHERHAZARD	HAZARD_ON_ROAD	68
WEATHERHAZARD	HAZARD_ON_ROAD_CAR_STOPPED	865
WEATHERHAZARD	HAZARD_ON_ROAD_CONSTRUCTION	854
WEATHERHAZARD	HAZARD_ON_ROAD_ICE	16
WEATHERHAZARD	HAZARD_ON_ROAD_OBJECT	836
WEATHERHAZARD	HAZARD_ON_ROAD_POT_HOLE	217
WEATHERHAZARD	HAZARD_ON_ROAD_ROAD_KILL	86
WEATHERHAZARD	HAZARD_ON_ROAD_TRAFFIC_LIGHT_FAULT	14
WEATHERHAZARD	HAZARD_ON_SHOULDER	336
WEATHERHAZARD	HAZARD_ON_SHOULDER_ANIMALS	170
WEATHERHAZARD	HAZARD_ON_SHOULDER_CAR_STOPPED	12489
WEATHERHAZARD	HAZARD_ON_SHOULDER_MISSING_SIGN	77
WEATHERHAZARD	HAZARD_WEATHER	159
WEATHERHAZARD	HAZARD_WEATHER_FLOOD	274
WEATHERHAZARD	HAZARD_WEATHER_FOG	178
WEATHERHAZARD	HAZARD_WEATHER_HAIL	26

* Sample data from inbound Waze feed, 7/29/2018

Waze Alert Handling (FY17-18)

Alert Type	Action Taken in SunGuide				
	New Event	Existing Event	Ack	False Alarm	System Resolved
ACCIDENT:ACCIDENT_MAJOR	2972	18945	855	26104	3513
ACCIDENT:ACCIDENT_MINOR	6062	26441	1411	47106	5960
ROAD_CLOSED:ROAD_CLOSED_EVENT	90	3516	880	7183	2145
ROAD_CLOSED:ROAD_CLOSED_HAZARD	0	4	0	8	3
WEATHERHAZARD:HAZARD_ON_ROAD	319	612	360	3985	849
WEATHERHAZARD: HAZARD_ON_ROAD_TRAFFIC_LIGHT_FAULT	6	24	34	517	82

Alert Conversion Rates

Alert Type	All Alerts	New Event	Conv Rate	New or Existing Event	Conv Rate
ACCIDENT:ACCIDENT_MAJOR	52389	2972	5.7%	21917	41.8%
ACCIDENT:ACCIDENT_MINOR	86980	6062	7.0%	32503	37.4%
ROAD_CLOSED:ROAD_CLOSED_EVENT	13814	90	0.7%	3606	26.1%
ROAD_CLOSED:ROAD_CLOSED_HAZARD	15	0	0.0%	4	26.7%
WEATHERHAZARD:HAZARD_ON_ROAD	6125	319	5.2%	931	15.2%
WEATHERHAZARD: HAZARD_ON_ROAD_TRAFFIC_LIGHT_FAULT	663	6	0.9%	30	4.5%

Summary

- Alert-type filtering can be controlled separately for each district.

- We're also filtering by county and roadway.

- Open a Configuration issue in Jira to request any changes.

QUESTIONS?

Missing Child Alert (4242)

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New Event Type

- A new event type should be created for "Missing Child" (or "Missing Child Alert")

- Since it's an event type, a custom (per installation) template could be used to populate DMS in a response plan

- Will need a new SAE code to publish to FLATIS

- Are any other changes needed?

QUESTIONS?

GUI Enhancements (4263)

Roger Strain

Current Behavior

- Internet Explorer provided some built in functionality that was lost when SunGuide went to WPF dialogs.

- Here are some the things noticed:

  - Spell check on text dialogs

  - Font Sizing

  - Hot keys for drop down menus to move to a point in the list

  - Any others?

Proposal

- Proposed Changes:
  - Spell check on Event comments and Emails
  - Font Sizing (all dialogs)
    - SwRI will need to investigate this more thoroughly
  - All drop downs in EM event dialogs would allow user to click a letter to move to a point in the list

QUESTIONS?