DRAGONEYE™

Capabilities Review

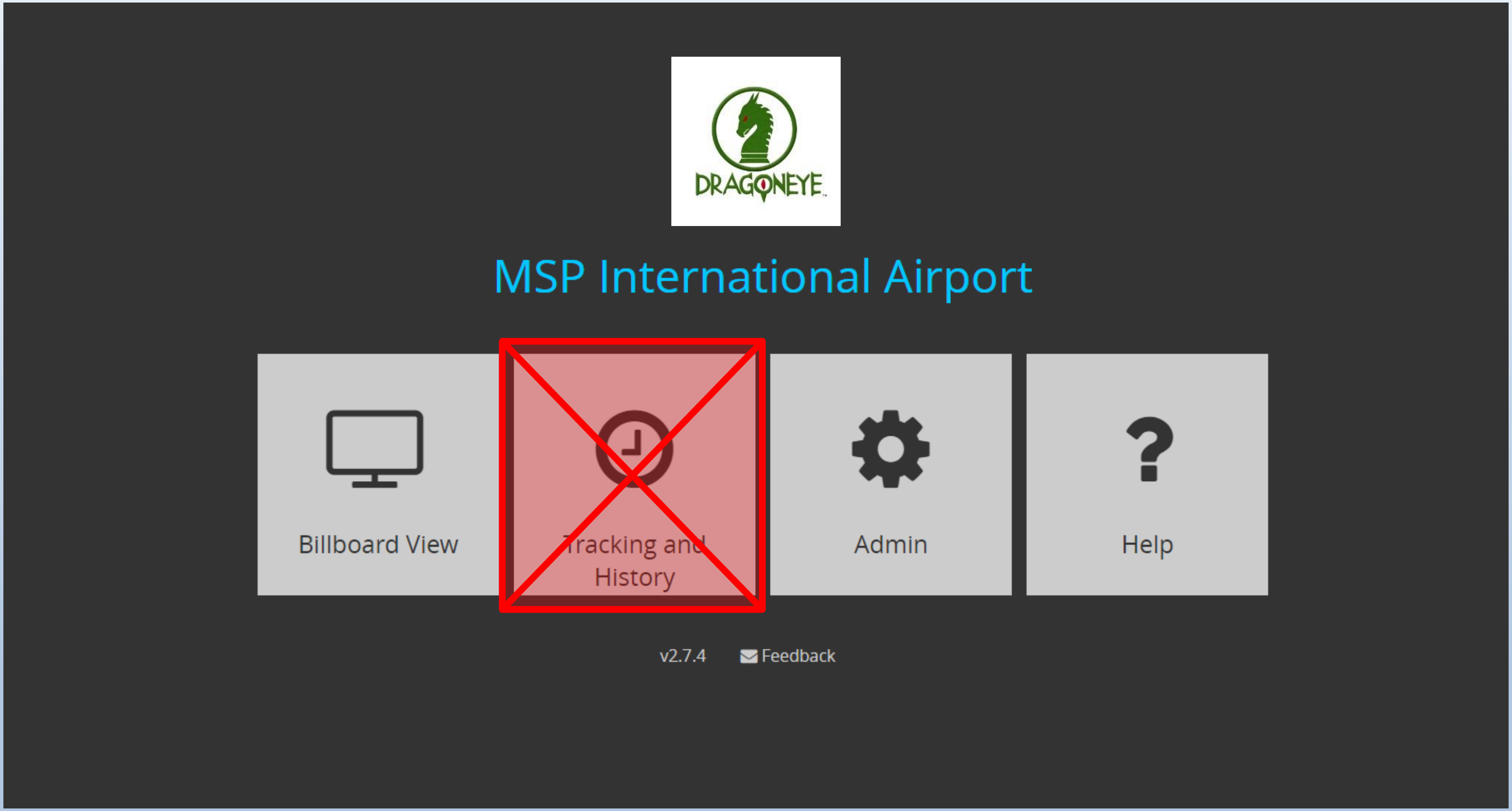
Overview

1. **Web based approach** works with any mobile, any AVL equipment
2. **Everyone sees the same view** (COP)
3. **Open Geospatial Consortium (OGC) compliant core build** facilitates flexibility and interoperability

Product Review

- Basic Features (Billboard, Admin, and Help)
- Tracking & History Features
  - Base Maps
  - Layers
  - Real Time Location Data Overview
    - SWIM (System Wide Information Management)
    - Automatic Vehicle Location (AVL)
    - Smartphone Tracking
  - Annunciations and Warnings
  - Some Emphasis Items
  - Demo

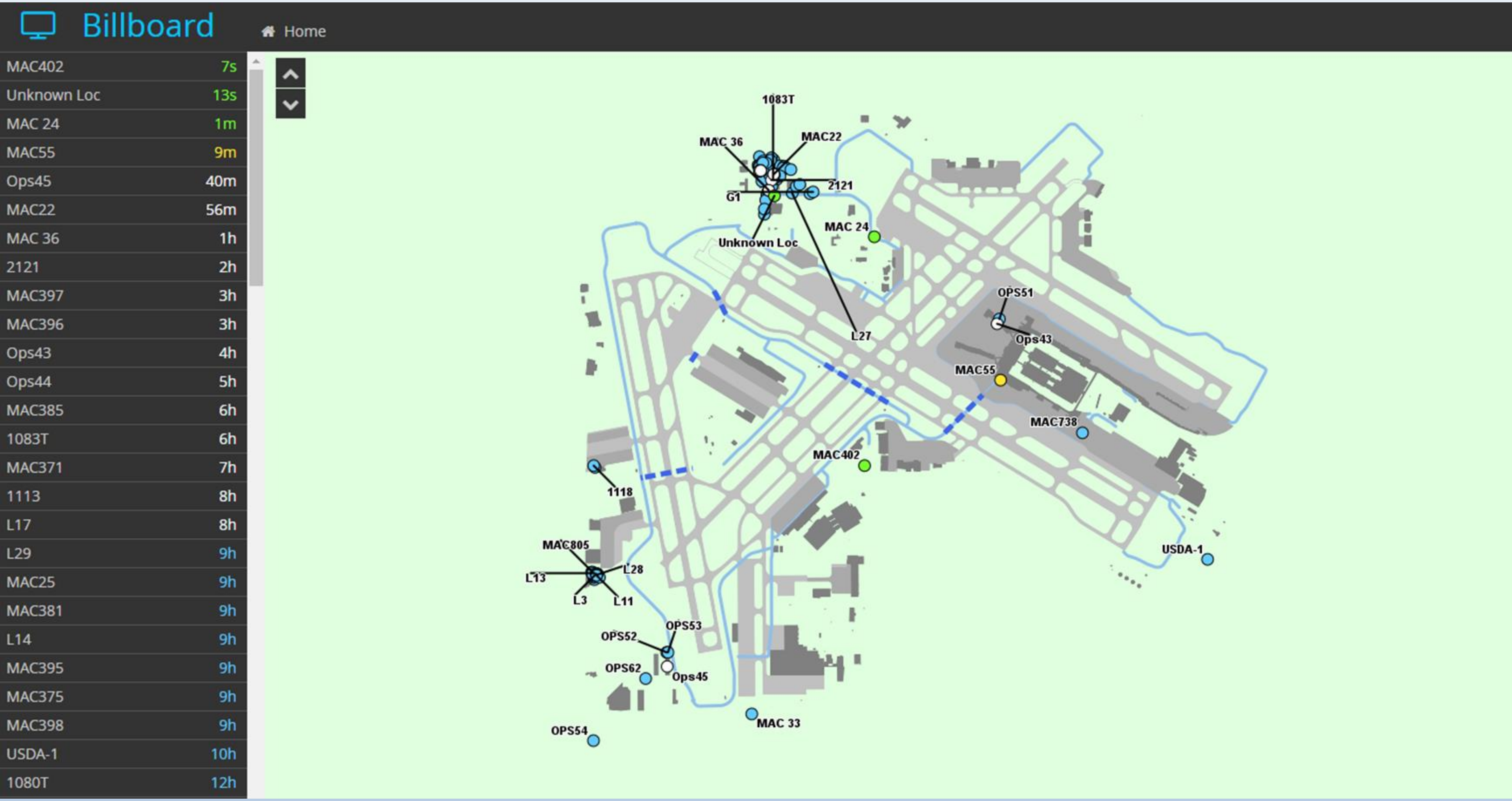
Basic Features



MSP International Airport

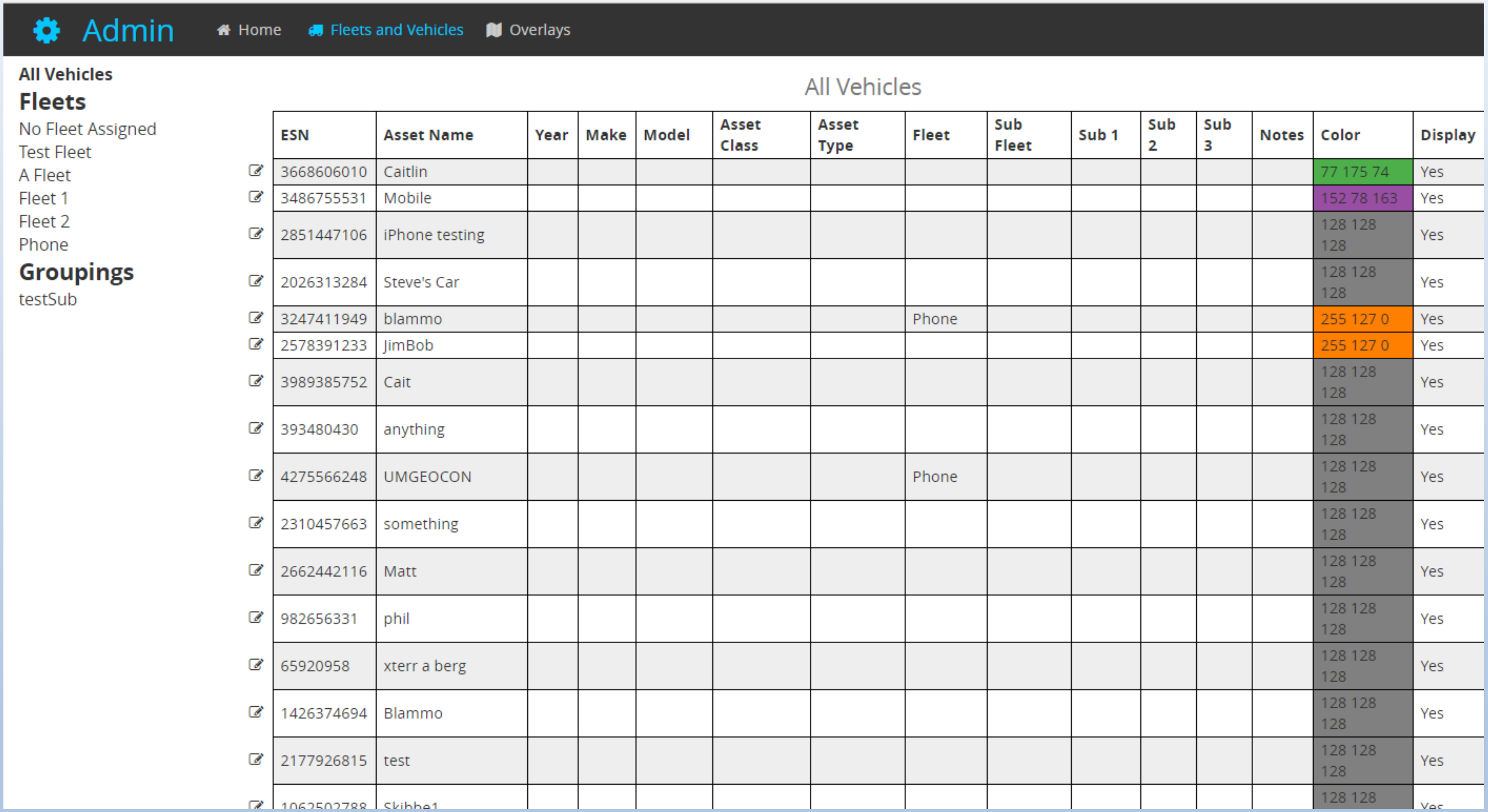
Billboard View
Tracking and History
Admin
Help
v2.7.4
Feedback

Billboard View


Billboard
Home
1083T
MAC 36
MAC22
2121
G1
MAC 24
Unknown Loc
OPS51
L27
Ops43
MAC55
MAC738
MAC402
1118
MAC805
L28
L13
L3
L11
OPS53
OPS52
OPS62
Ops45
USDA-1
MAC 33
OPS54

MAC402	7s
Unknown Loc	13s
MAC 24	1m
MAC55	9m
Ops45	40m
MAC22	56m
MAC 36	1h
2121	2h
MAC397	3h
MAC396	3h
Ops43	4h
Ops44	5h
MAC385	6h
1083T	6h
MAC371	7h
1113	8h
L17	8h
L29	9h
MAC25	9h
MAC381	9h
L14	9h
MAC395	9h
MAC375	9h
MAC398	9h
USDA-1	10h
1080T	12h

Admin Page – Fleets and Vehicles



All Vehicles

Fleets

No Fleet Assigned
Test Fleet
A Fleet
Fleet 1
Fleet 2
Phone

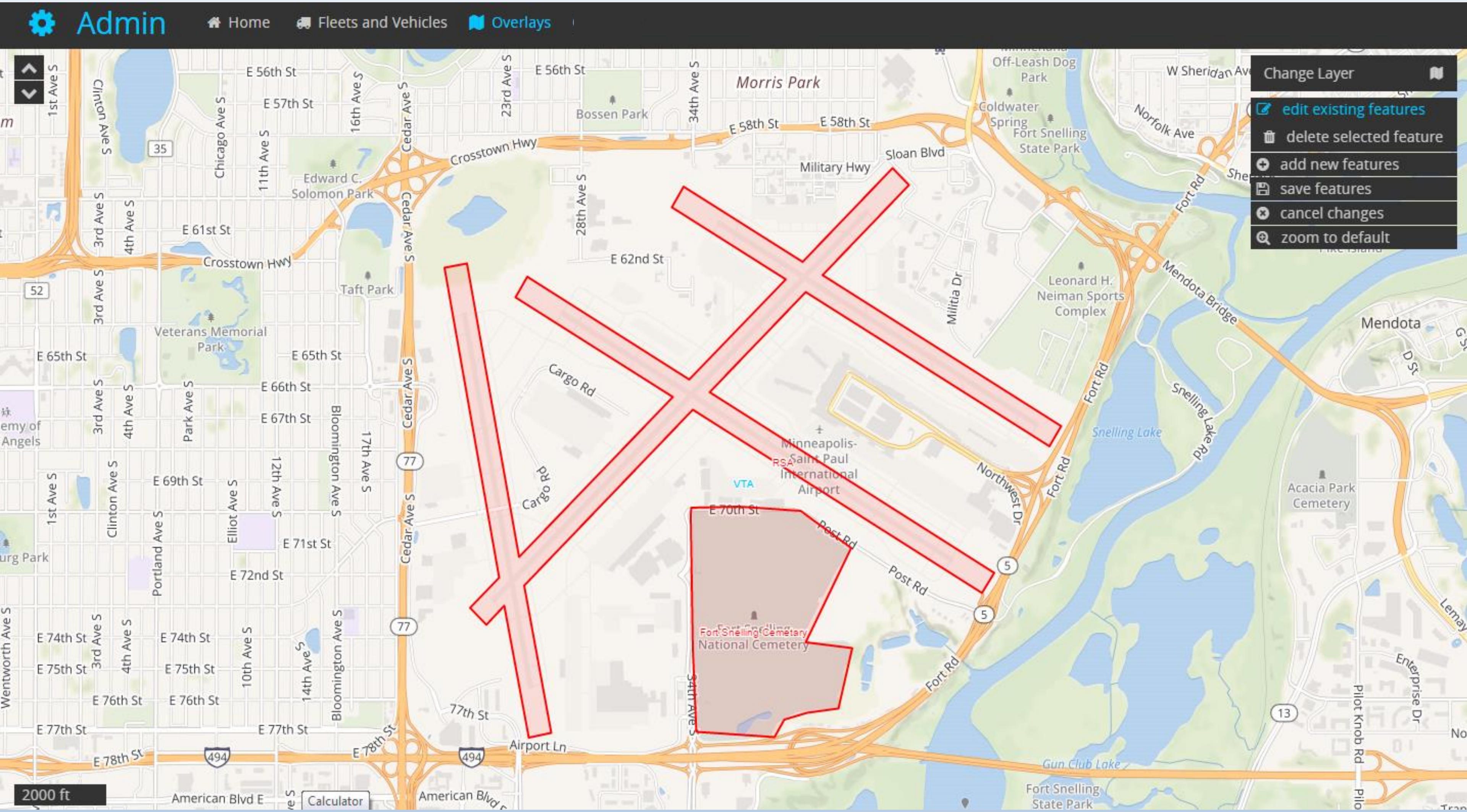
Groupings

testSub

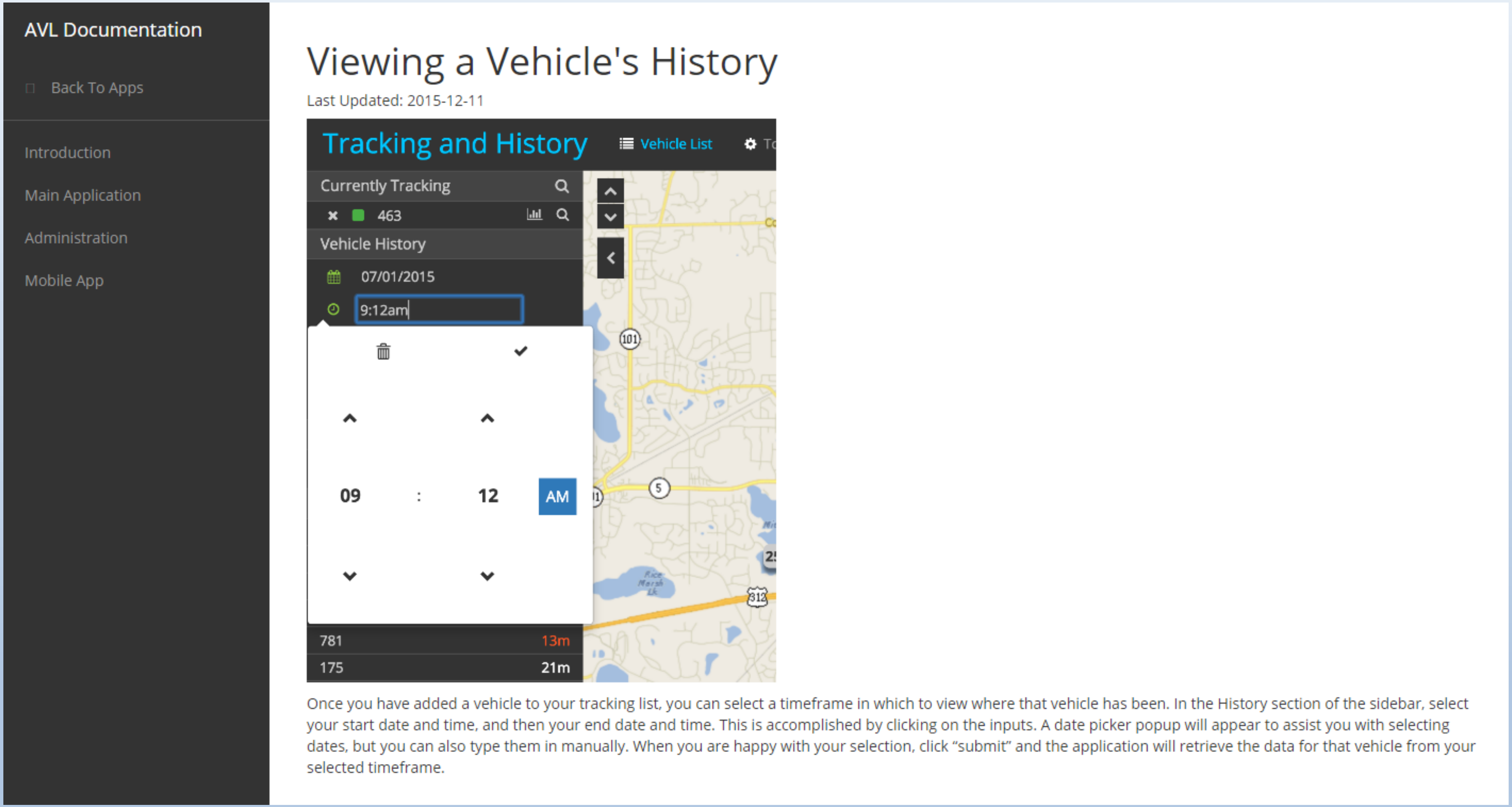
All Vehicles

	ESN	Asset Name	Year	Make	Model	Asset Class	Asset Type	Fleet	Sub Fleet	Sub 1	Sub 2	Sub 3	Notes	Color	Display
✎	3668606010	Caitlin												77 175 74	Yes
✎	3486755531	Mobile												152 78 163	Yes
✎	2851447106	iPhone testing												128 128 128	Yes
✎	2026313284	Steve's Car												128 128 128	Yes
✎	3247411949	blammo						Phone						255 127 0	Yes
✎	2578391233	JimBob												255 127 0	Yes
✎	3989385752	Cait												128 128 128	Yes
✎	393480430	anything												128 128 128	Yes
✎	4275566248	UMGEOCON						Phone						128 128 128	Yes
✎	2310457663	something												128 128 128	Yes
✎	2662442116	Matt												128 128 128	Yes
✎	982656331	phil												128 128 128	Yes
✎	65920958	xterr a berg												128 128 128	Yes
✎	1426374694	Blammo												128 128 128	Yes
✎	2177926815	test												128 128 128	Yes
✎	1062502788	Skibbe1												128 128	Yes

Admin Page – Overlays


Admin
Home
Fleets and Vehicles
Overlays
Change Layer
edit existing features
delete selected feature
add new features
save features
cancel changes
zoom to default
2000 ft
Minneapolis-Saint Paul International Airport
Fort Snelling National Cemetery
RSA
VTA

Help Pages



AVL Documentation

Back To Apps

- Introduction
- Main Application
- Administration
- Mobile App

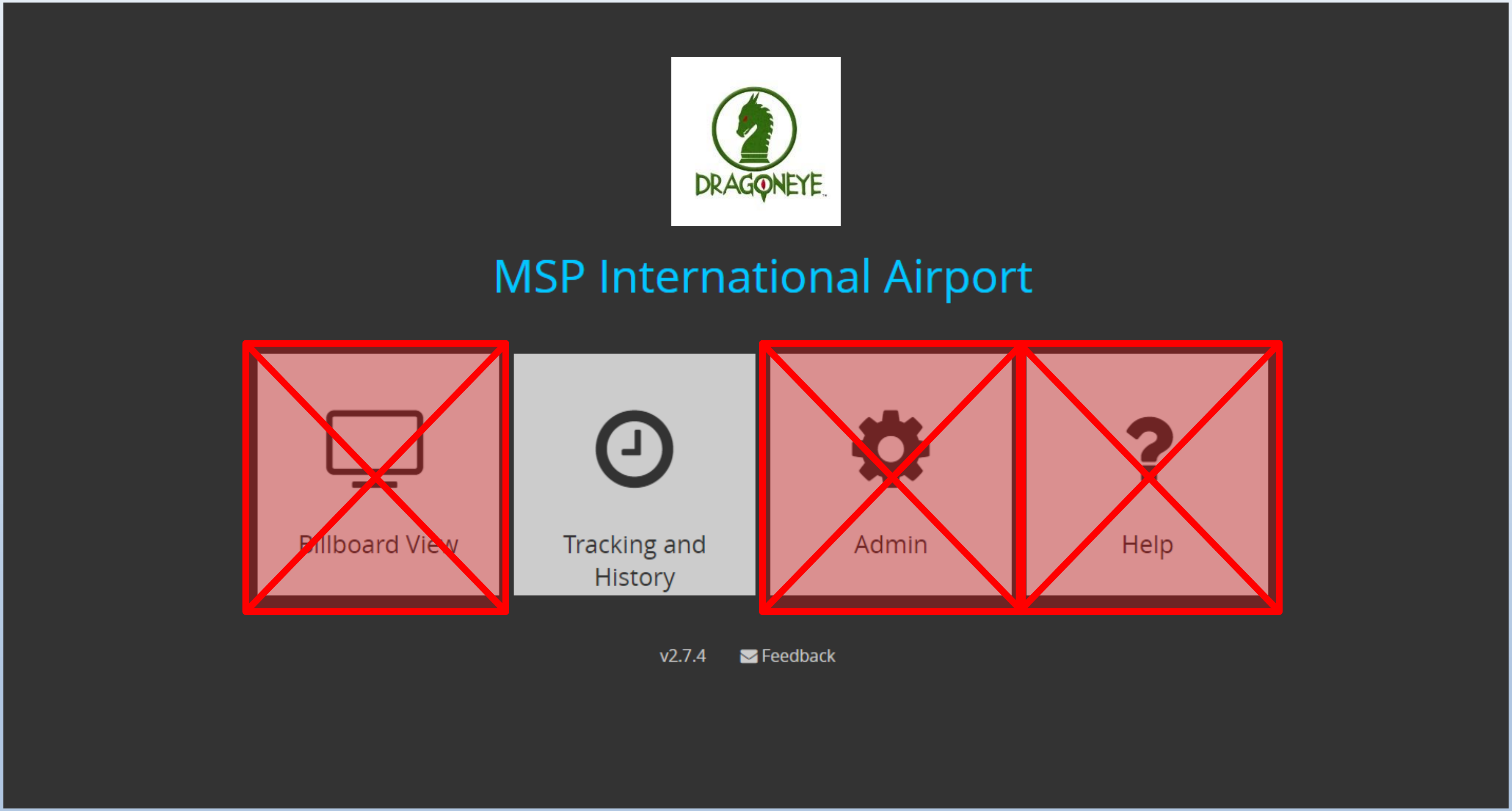
Viewing a Vehicle's History

Last Updated: 2015-12-11

Tracking and History
Vehicle List
Currently Tracking
463
Vehicle History
07/01/2015
9:12am
09
:
12
AM
781
13m
175
21m

Once you have added a vehicle to your tracking list, you can select a timeframe in which to view where that vehicle has been. In the History section of the sidebar, select your start date and time, and then your end date and time. This is accomplished by clicking on the inputs. A date picker popup will appear to assist you with selecting dates, but you can also type them in manually. When you are happy with your selection, click “submit” and the application will retrieve the data for that vehicle from your selected timeframe.

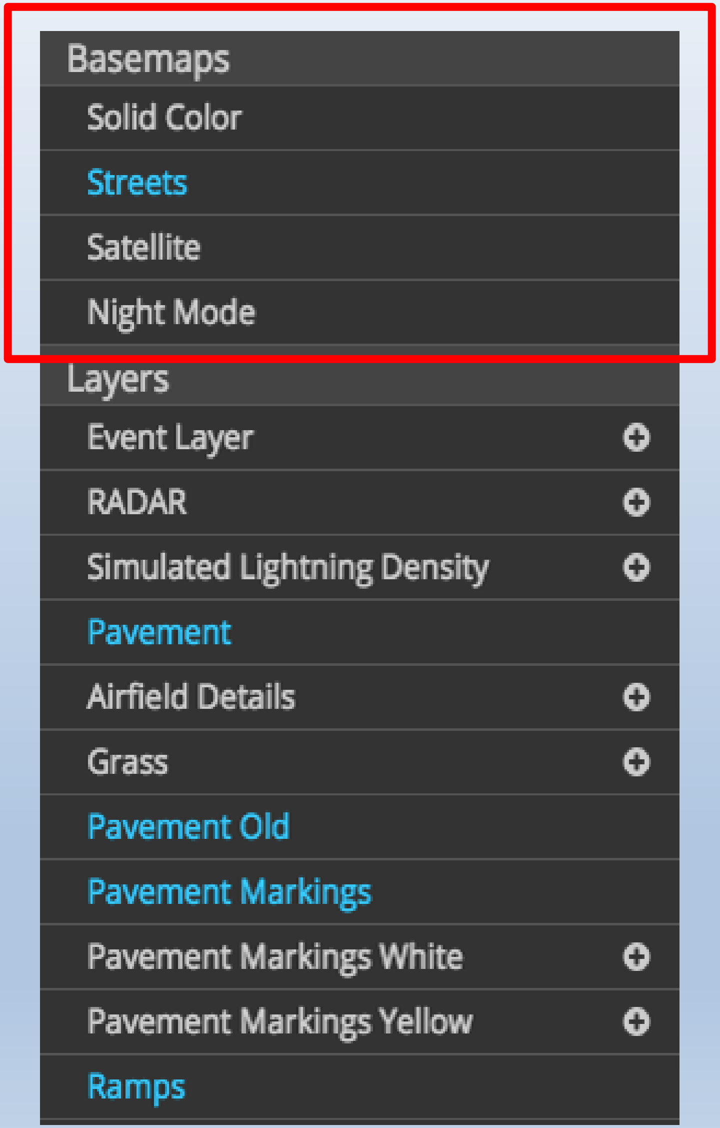
Tracking and History Features


DRAGONEYE
MSP International Airport
Billboard View
Tracking and History
Admin
Help
v2.7.4
Feedback

Base Maps

Whatever You Want

Four Base Maps are Standard


Basemaps

Solid Color

Streets

Satellite

Night Mode

Layers

Event Layer

RADAR

Simulated Lightning Density

Pavement

Airfield Details

Grass

Pavement Old

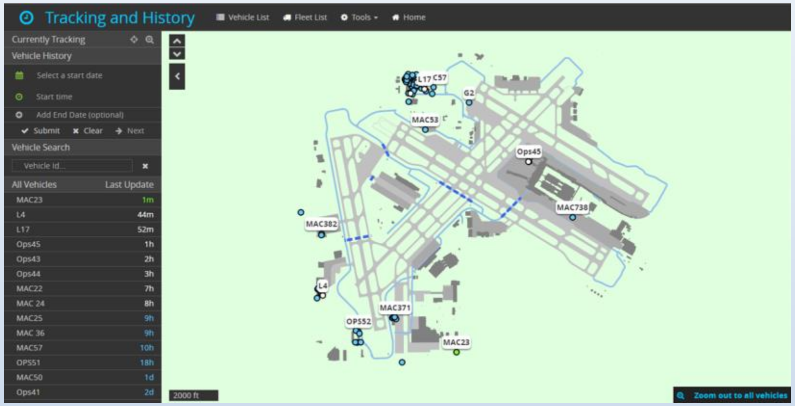
Pavement Markings

Pavement Markings White

Pavement Markings Yellow

Ramps

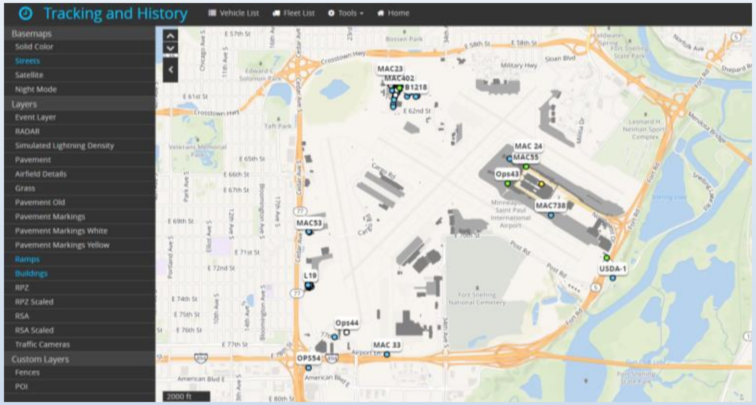
Base Map Examples


Tracking and History
Vehicle List
Fleet List
Tools
Home
Currently Tracking
Vehicle History
Select a start date
Start time
Add End Date (optional)
Submit
Clear
Next
Vehicle Search
Vehicle Id...
L17
C57
G2
MAC53
Ops45
MAC738
MAC382
L4
MAC371
OPS52
MAC23
2000 ft
Zoom out to all vehicles

All Vehicles	Last Update
MAC23	1m
L4	44m
L17	52m
Ops45	1h
Ops43	2h
Ops44	3h
MAC22	7h
MAC 24	8h
MAC25	9h
MAC 36	9h
MAC57	10h
OPS51	18h
MAC50	1d
Ops41	2d

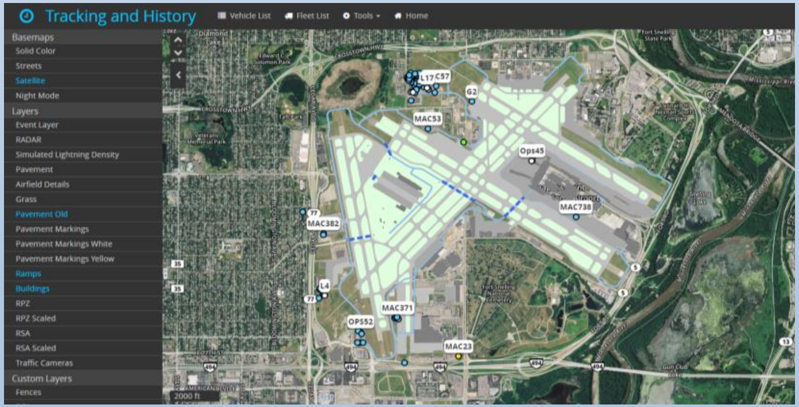
Controller Preferred View – Solid Color

(Airport's Engineer Drawing – Airport only vehicles)


Tracking and History
Vehicle List
Fleet List
Tools
Home
Basemaps
Solid Color
Streets
Satellite
Night Mode
Layers
Event Layer
RADAR
Simulated Lightning Density
Pavement
Airfield Details
Grass
Pavement Old
Pavement Markings
Pavement Markings White
Pavement Markings Yellow
Ramps
Buildings
RPZ
RPZ Scaled
RSA
RSA Scaled
Traffic Cameras
Custom Layers
Fences
POI
MAC23
MAC402
B1218
MAC 24
MAC55
Ops43
MAC738
MAC53
L19
USDA-1
Ops44
OPS54
MAC 33
Minneapolis Saint Paul International Airport
Fort Snelling National Cemetery
2000 ft

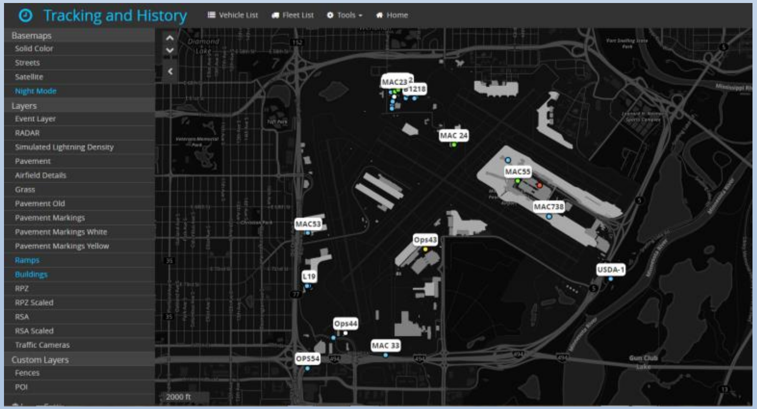
Traditional View - Streets

(General Situational Awareness)


Tracking and History
Vehicle List
Fleet List
Tools
Home
Basemaps
Solid Color
Streets
Satellite
Night Mode
Layers
Event Layer
RADAR
Simulated Lightning Density
Pavement
Airfield Details
Grass
Pavement Old
Pavement Markings
Pavement Markings White
Pavement Markings Yellow
Ramps
Buildings
RPZ
RPZ Scaled
RSA
RSA Scaled
Traffic Cameras
Custom Layers
Fences
L17
C57
G2
MAC53
Ops45
MAC738
MAC382
L4
MAC371
OPS52
MAC23
2000 ft

Asset Manager Preferred View - Satellite

(Imagery – See assets outside airport)


Tracking and History
Vehicle List
Fleet List
Tools
Home
Basemaps
Solid Color
Streets
Satellite
Night Mode
Layers
Event Layer
RADAR
Simulated Lightning Density
Pavement
Airfield Details
Grass
Pavement Old
Pavement Markings
Pavement Markings White
Pavement Markings Yellow
Ramps
Buildings
RPZ
RPZ Scaled
RSA
RSA Scaled
Traffic Cameras
Custom Layers
Fences
POI
MAC23
B1218
MAC 24
MAC55
MAC738
MAC53
Ops43
L19
USDA-1
Ops44
OPS54
MAC 33
2000 ft

Night Mode

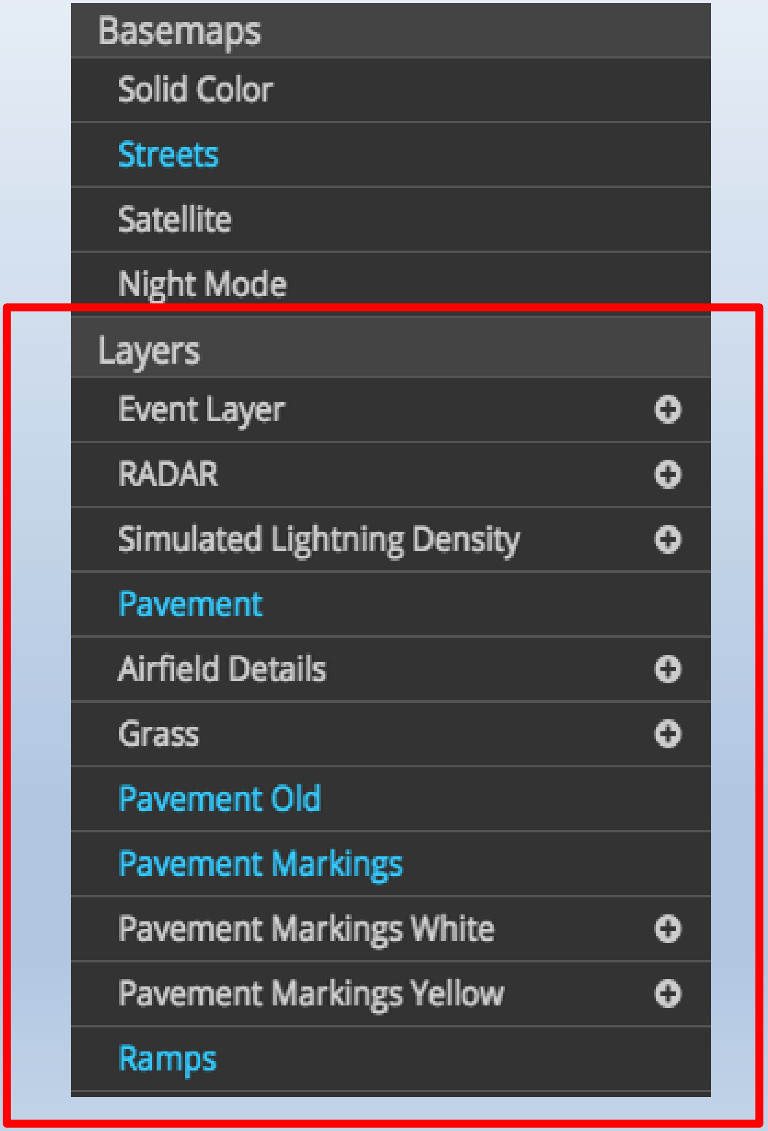
(Background intensity fully adjustable)

SharedGeo Proprietary

Layers

Whatever You Want

Individual Selects Desired Layers



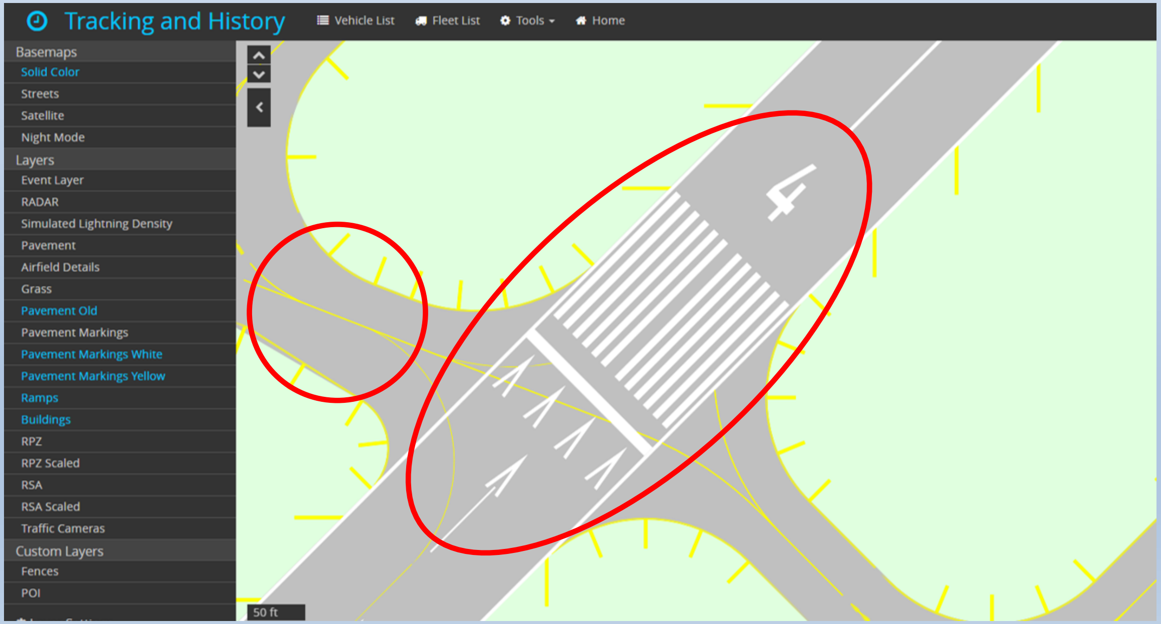
Basemaps

- Solid Color
- Streets
- Satellite
- Night Mode

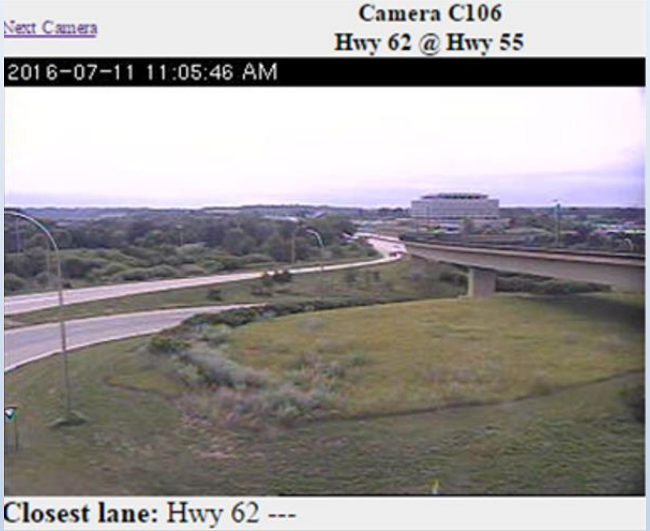
Layers

- Event Layer ⊕
- RADAR ⊕
- Simulated Lightning Density ⊕
- Pavement
- Airfield Details ⊕
- Grass ⊕
- Pavement Old
- Pavement Markings
- Pavement Markings White ⊕
- Pavement Markings Yellow ⊕
- Ramps

Down to the Lowest Level of Detail


Tracking and History
Vehicle List
Fleet List
Tools
Home
Basemaps
Solid Color
Streets
Satellite
Night Mode
Layers
Event Layer
RADAR
Simulated Lightning Density
Pavement
Airfield Details
Grass
Pavement Old
Pavement Markings
Pavement Markings White
Pavement Markings Yellow
Ramps
Buildings
RPZ
RPZ Scaled
RSA
RSA Scaled
Traffic Cameras
Custom Layers
Fences
POI
4
50 ft

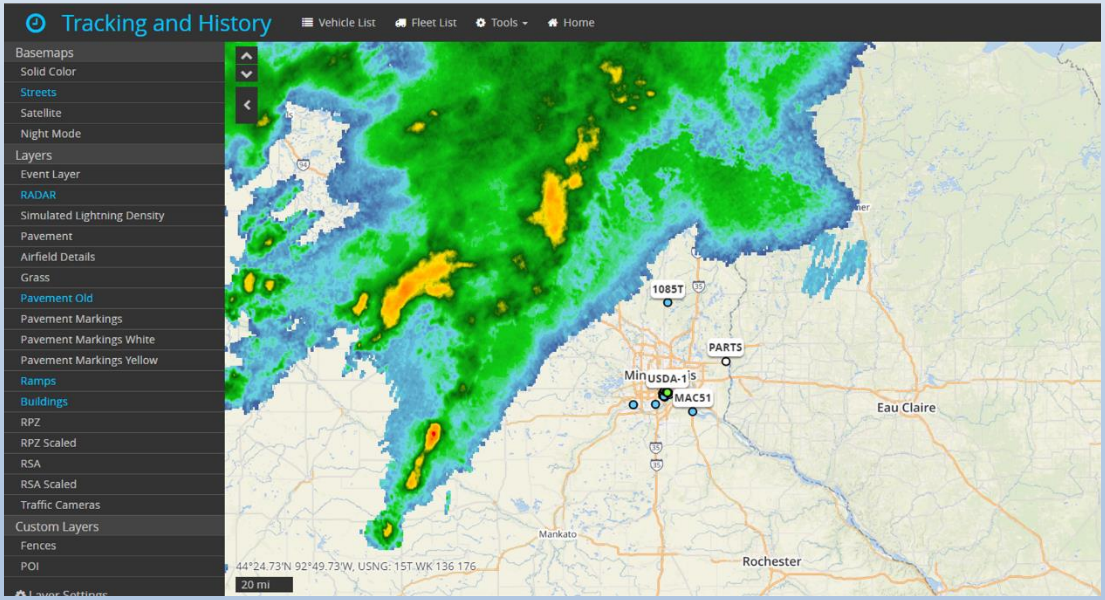
Can Bring In Web Services


Next Camera

Camera C106
Hwy 62 @ Hwy 55

2016-07-11 11:05:46 AM

Closest lane: Hwy 62 ---


Tracking and History
Vehicle List
Fleet List
Tools
Home
Basemaps
Solid Color
Streets
Satellite
Night Mode
Layers
Event Layer
RADAR
Simulated Lightning Density
Pavement
Airfield Details
Grass
Pavement Old
Pavement Markings
Pavement Markings White
Pavement Markings Yellow
Ramps
Buildings
RPZ
RPZ Scaled
RSA
RSA Scaled
Traffic Cameras
Custom Layers
Fences
POI
1085T
PARTS
USDA-1
MAC51
Eau Claire
Mankato
Rochester
20 mi

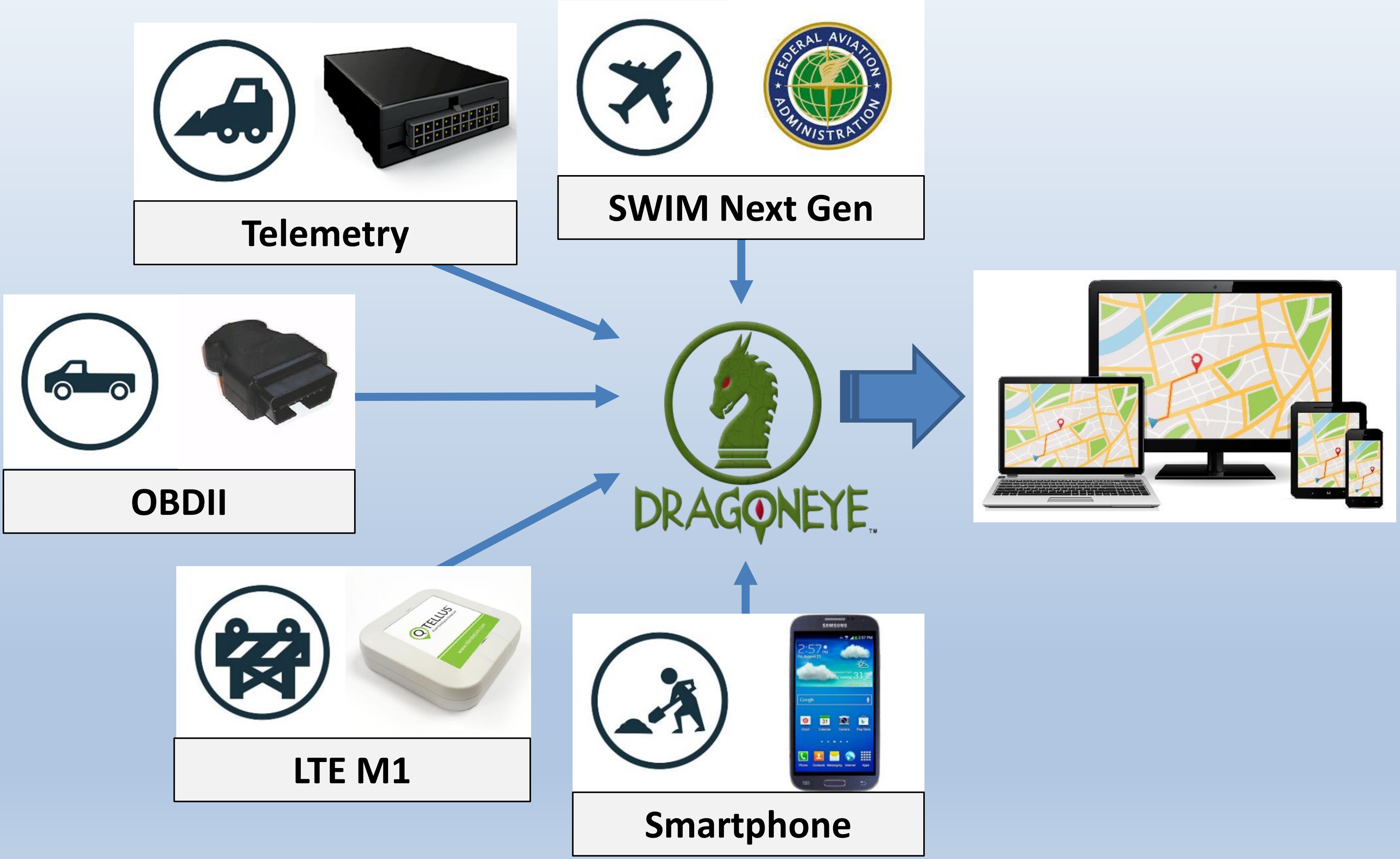
44°24.73'N 92°49.73'W, USNG: 15T WK 136 176

From Live Web Cameras to Real Time Weather

Real-Time Location Data Overview

Whatever You Want

How DragonEye Works



FEDERAL AVIATION ADMINISTRATION
DRAGONEYE
TELLUS
SAMSUNG

Telemetry

SWIM Next Gen

OBDII

LTE M1

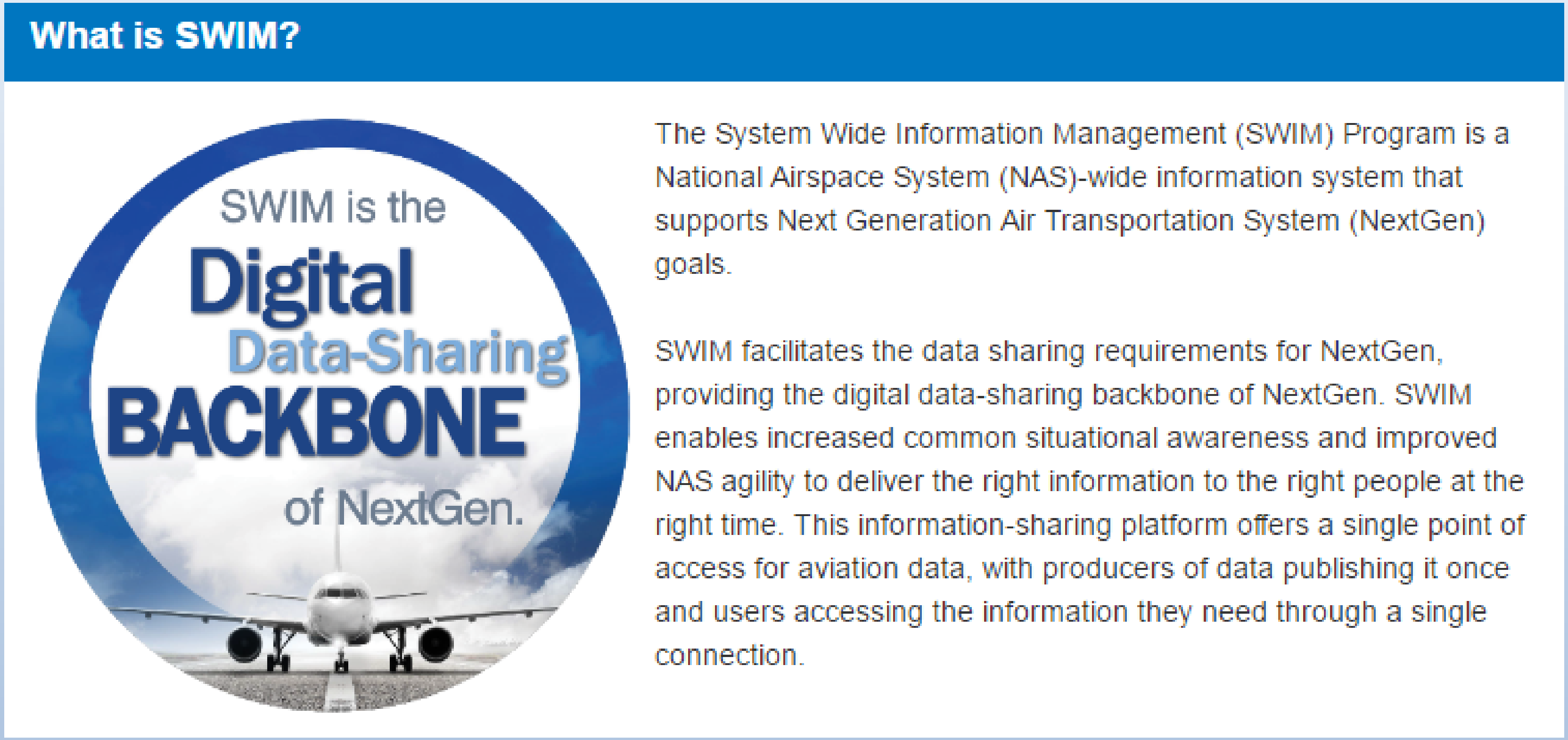
Smartphone

DragonEye Tracking Hardware Resources

- **Support for all network options** to send location signal
  - Cellular,
  - radio, and
  - LoRa options
- Low power **low cost self contained battery options** for tracking baggage carts etc.
- **Annunciation capabilities** to meet any imaginable client needs
- Configurations available for **all international carrier networks**
- Source for cellular plans geared for IoT applications
- FCC Certified
- Built to Industial tempature tolerance -40 to 85 °C
- Ability to White Label
- **Rapid prototype** to production process for new configurations

SWIM
(System Wide Information Management)

Overlay FAA Systems Data…



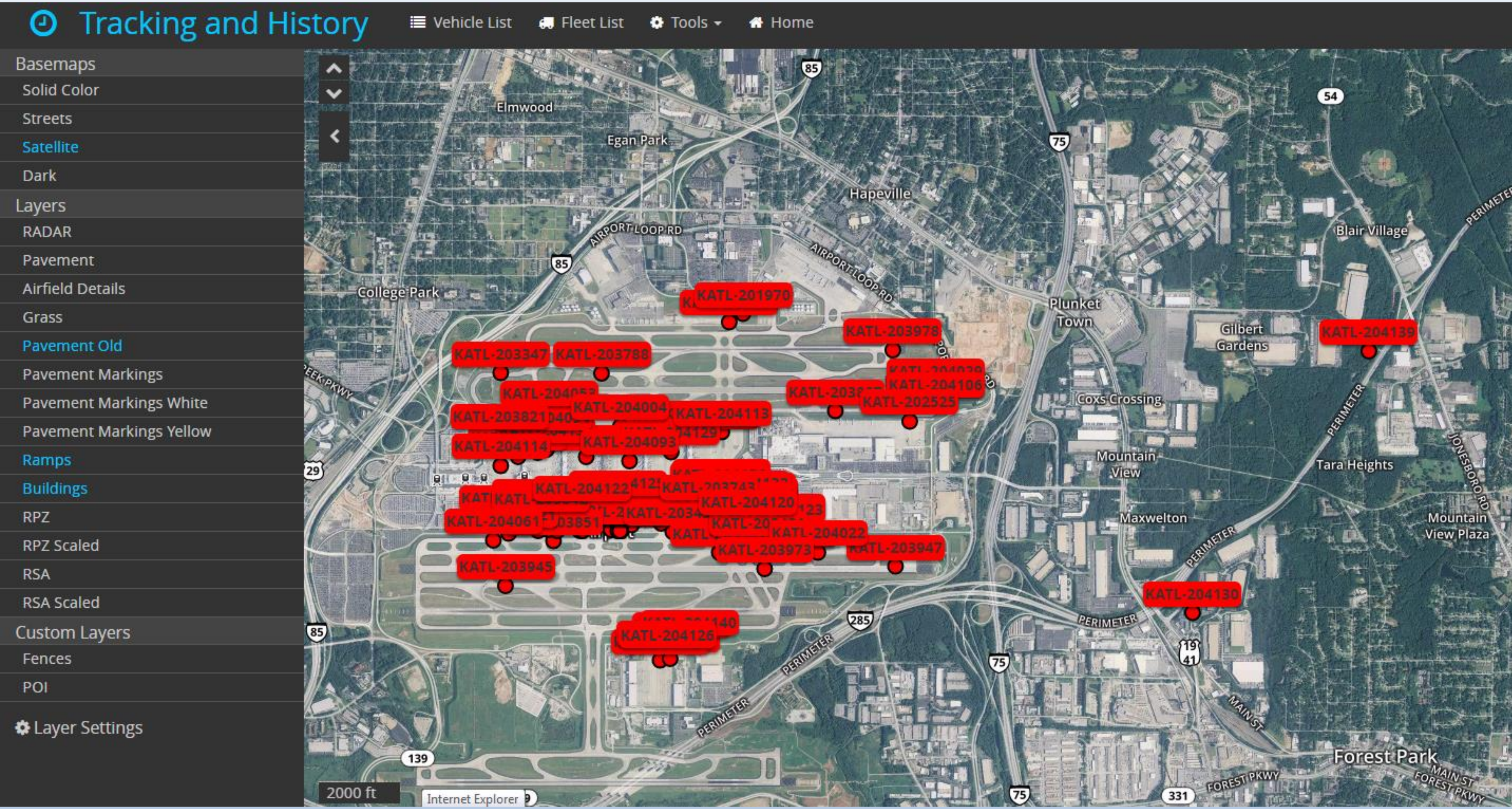
What is SWIM?

The System Wide Information Management (SWIM) Program is a National Airspace System (NAS)-wide information system that supports Next Generation Air Transportation System (NextGen) goals.

SWIM facilitates the data sharing requirements for NextGen, providing the digital data-sharing backbone of NextGen. SWIM enables increased common situational awareness and improved NAS agility to deliver the right information to the right people at the right time. This information-sharing platform offers a single point of access for aviation data, with producers of data publishing it once and users accessing the information they need through a single connection.

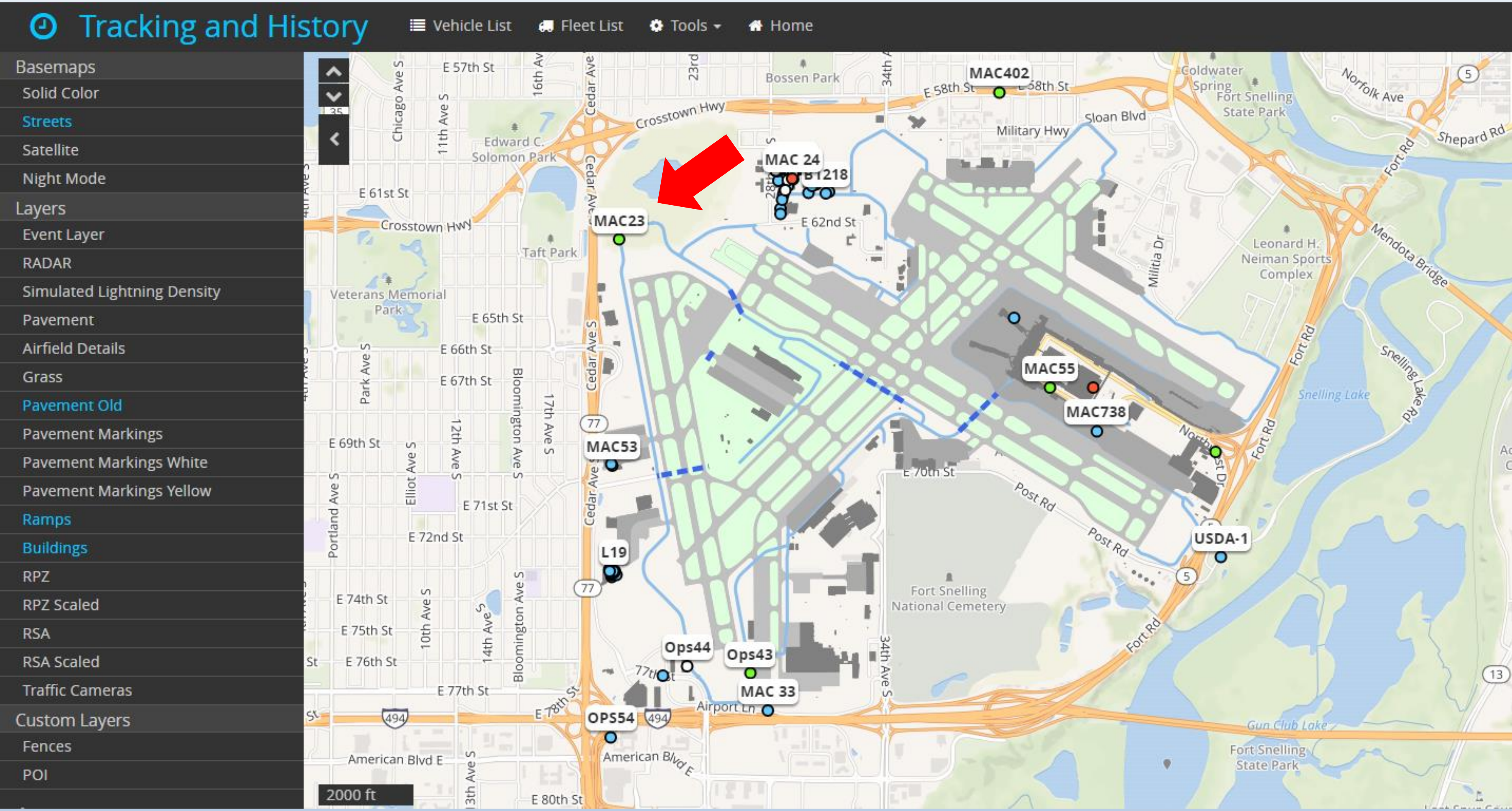
ADS-B, ASDE, ASDE-X, A-SMGS

Passed FAA Integration Test


Tracking and History
Vehicle List
Fleet List
Tools
Home
Basemaps
Solid Color
Streets
Satellite
Dark
Layers
RADAR
Pavement
Airfield Details
Grass
Pavement Old
Pavement Markings
Pavement Markings White
Pavement Markings Yellow
Ramps
Buildings
RPZ
RPZ Scaled
RSA
RSA Scaled
Custom Layers
Fences
POI
Layer Settings
Elmwood
Egan Park
Hapeville
College Park
Plunket Town
Gilbert Gardens
Blair Village
Coxs Crossing
Mountain View
Tara Heights
Maxwelton
Mountain View Plaza
Forest Park
AIRPORT LOOP RD
PERIMETER
FOREST PKWY
MAIN ST
JONESBORO RD
KATL-201970
KATL-203978
KATL-204139
KATL-203347
KATL-203788
KATL-204106
KATL-202525
KATL-204004
KATL-204113
KATL-203821
KATL-204114
KATL-204093
KATL-204122
KATL-204120
KATL-204061
KATL-204022
KATL-203973
KATL-203947
KATL-203945
KATL-204130
KATL-204126
2000 ft
Internet Explorer

Automatic Vehicle Location (AVL)

Actively Track Vehicle Real-Time Location


Tracking and History
Vehicle List
Fleet List
Tools
Home
Basemaps
Solid Color
Streets
Satellite
Night Mode
Layers
Event Layer
RADAR
Simulated Lightning Density
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Airfield Details
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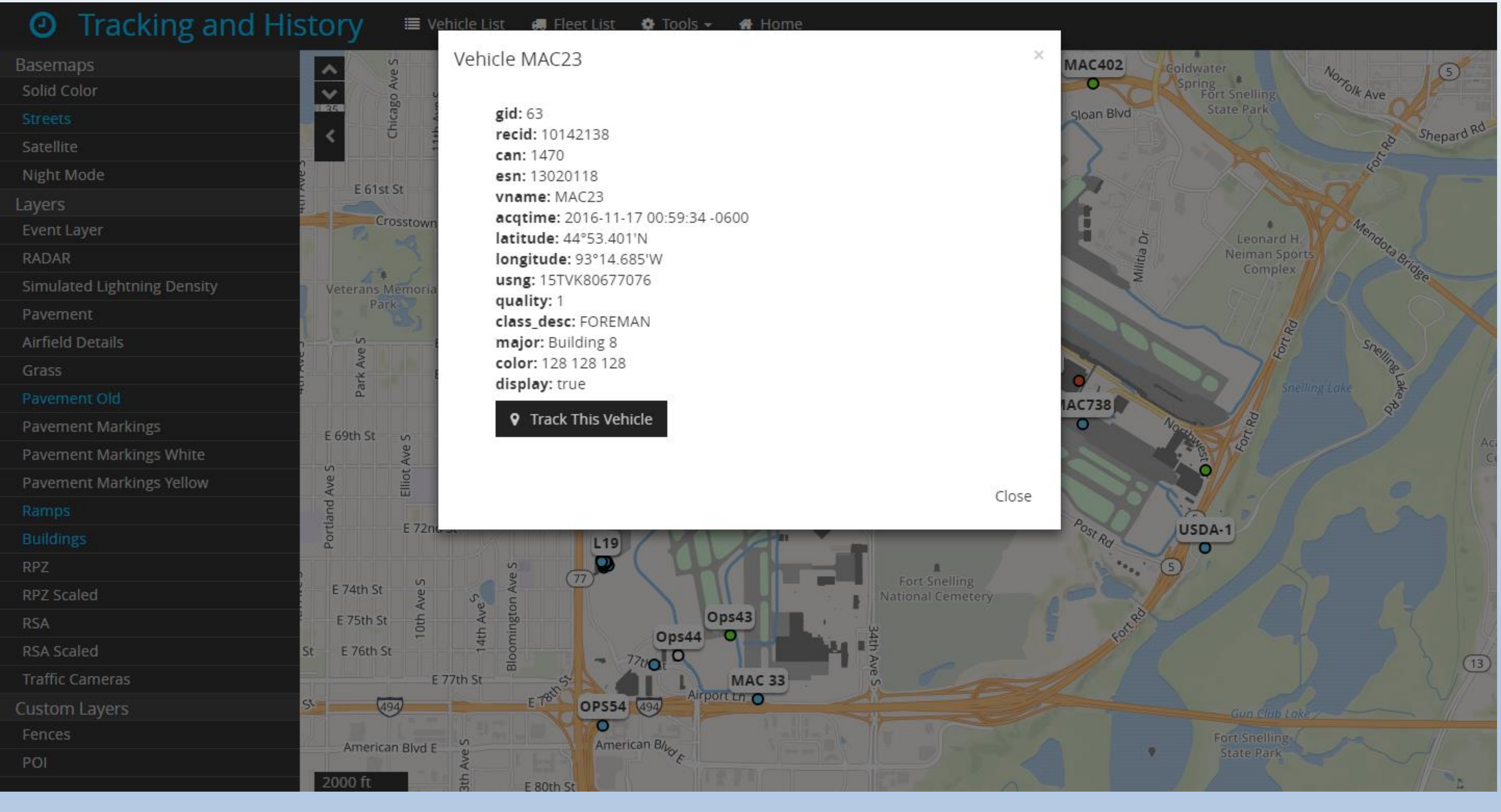
Pavement Markings
Pavement Markings White
Pavement Markings Yellow
Ramps
Buildings
RPZ
RPZ Scaled
RSA
RSA Scaled
Traffic Cameras
Custom Layers
Fences
POI
MAC402
MAC 24
B1218
MAC23
MAC55
MAC738
MAC53
L19
USDA-1
Ops44
Ops43
MAC 33
OPS54
2000 ft

Click, Click, to Track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Satellite
Night Mode
Layers
Event Layer
RADAR
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Ramps
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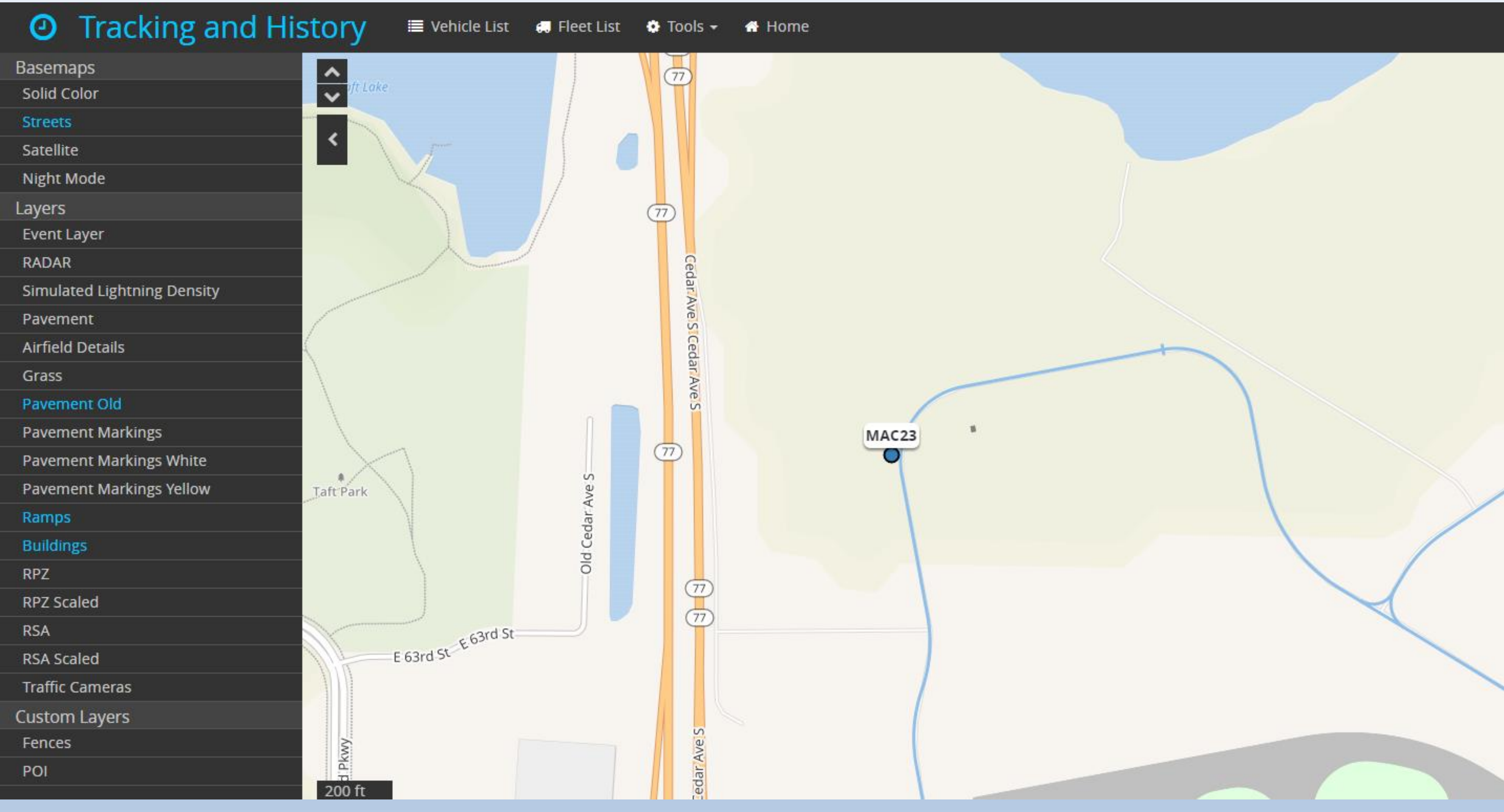
RPZ Scaled
RSA
RSA Scaled
Traffic Cameras
Custom Layers
Fences
POI
MAC402
MAC738
USDA-1
L19
Ops43
Ops44
MAC 33
OPS54
2000 ft
Track This Vehicle
Close

Vehicle MAC23

gid: 63
recid: 10142138
can: 1470
esn: 13020118
vname: MAC23
acqtime: 2016-11-17 00:59:34 -0600
latitude: 44°53.401'N
longitude: 93°14.685'W
usng: 15TVK80677076
quality: 1
class_desc: FOREMAN
major: Building 8
color: 128 128 128
display: true

Dedicated Real-Time View Opens


Tracking and History
Vehicle List
Fleet List
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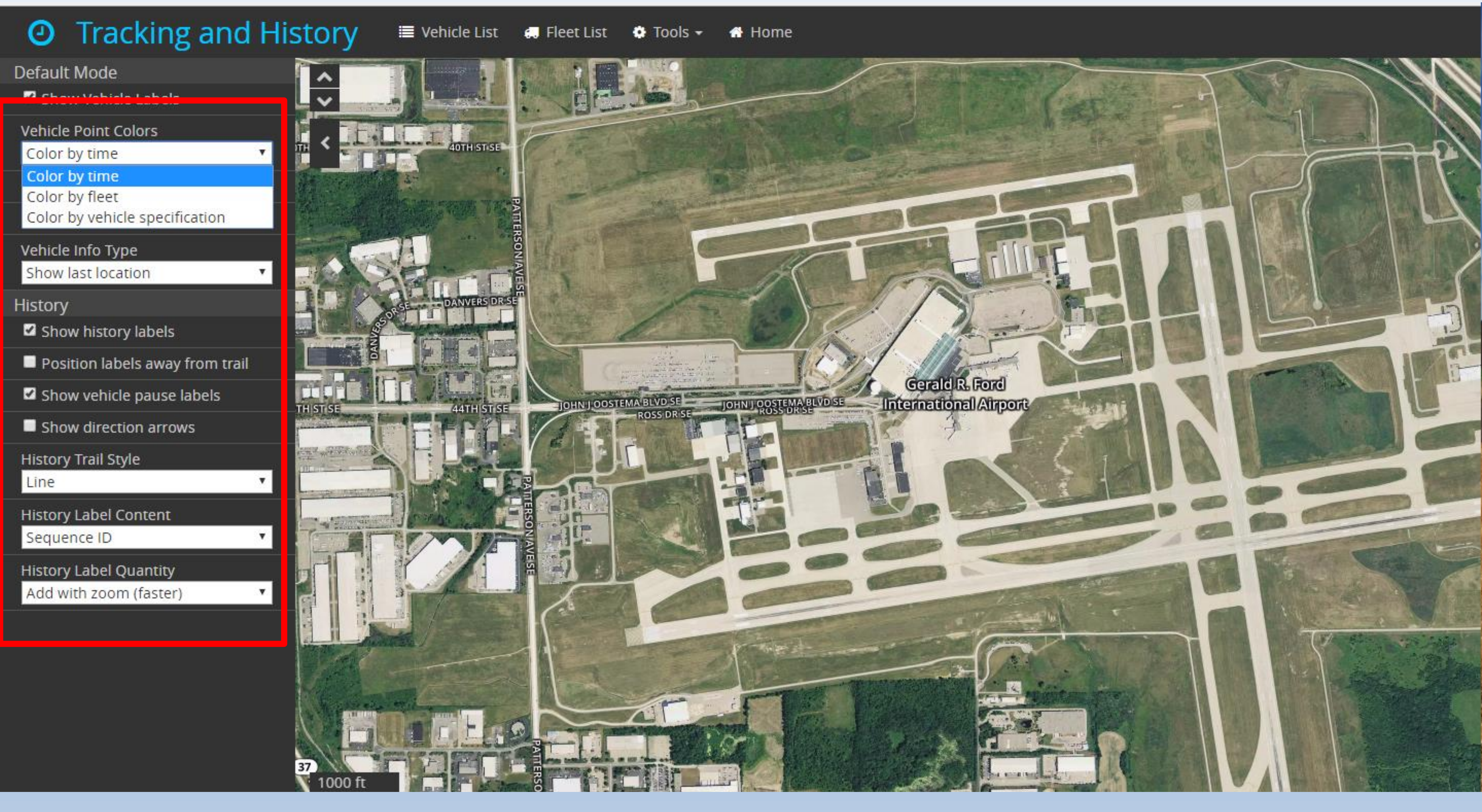
Pavement Markings White
Pavement Markings Yellow
Ramps
Buildings
RPZ
RPZ Scaled
RSA
RSA Scaled
Traffic Cameras
Custom Layers
Fences
POI
ft Lake
77
Cedar Ave S
Cedar Ave S
Old Cedar Ave S
Taft Park
E 63rd St
E 63rd St
d Pkwy
MAC23
200 ft

Personalize the Symbols & Tracks


Tracking and History
Vehicle List
Fleet List
Tools
Home
40TH ST SE
PATTERSON AVE SE
DANVERS DR SE
DANVERS DR SE
44TH ST SE
JOHN J OOSTEMA BLVD SE
ROSS DR SE
Gerald R. Ford International Airport
37
1000 ft

Default Mode

☑ Show Vehicle Labels

Vehicle Point Colors: Color by time
- Color by time
- Color by fleet
- Color by vehicle specification

Vehicle Info Type: Show last location

History

☑ Show history labels

☐ Position labels away from trail

☑ Show vehicle pause labels

☐ Show direction arrows

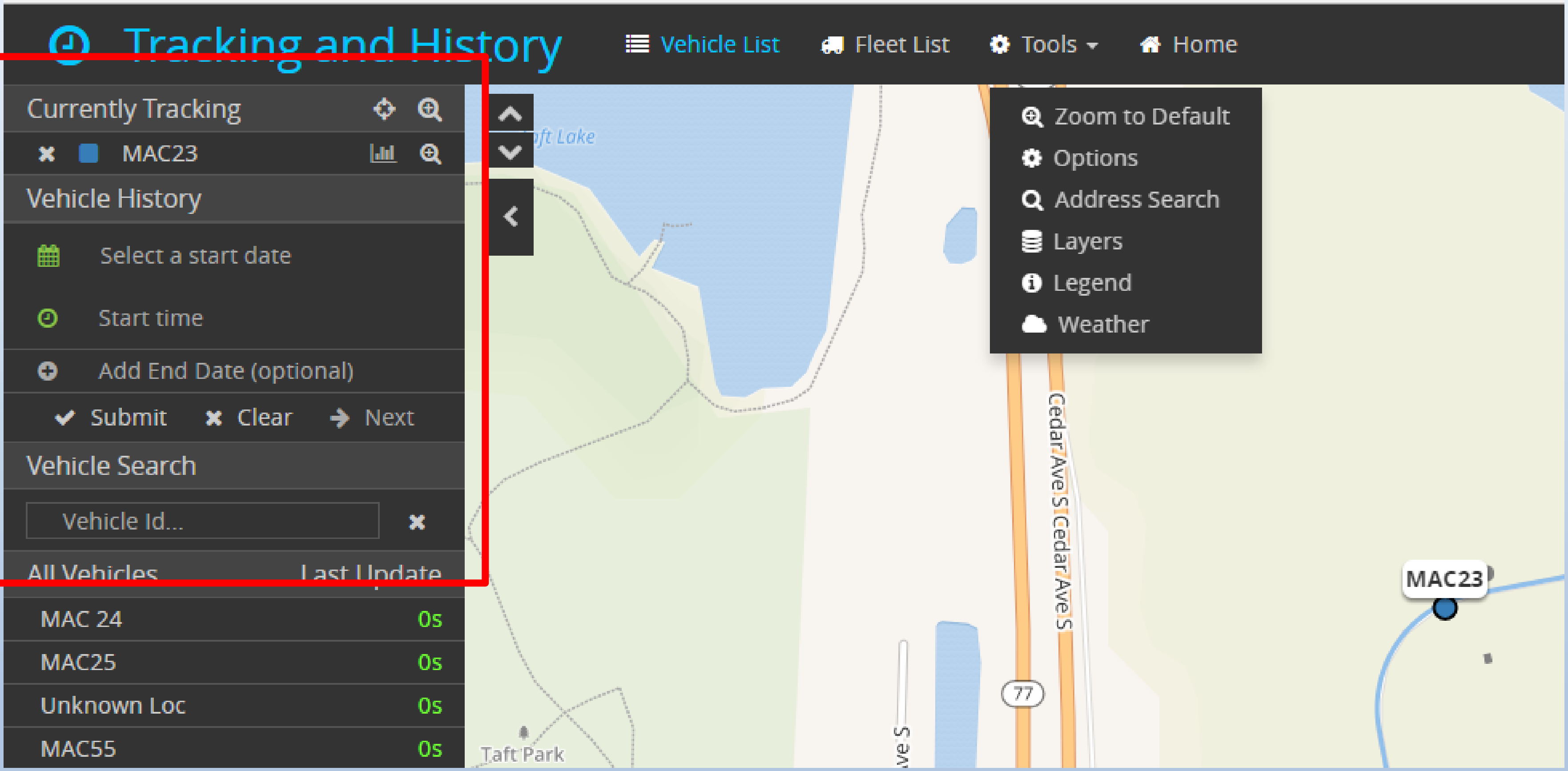
History Trail Style: Line

History Label Content: Sequence ID

History Label Quantity: Add with zoom (faster)

Time, Fleet, Type, Color or Shape

Select History Replay



Tracking and History

Vehicle List

Fleet List

Tools

Home

Currently Tracking

MAC23

Vehicle History

Select a start date

Start time

Add End Date (optional)

✓ Submit ✖ Clear → Next

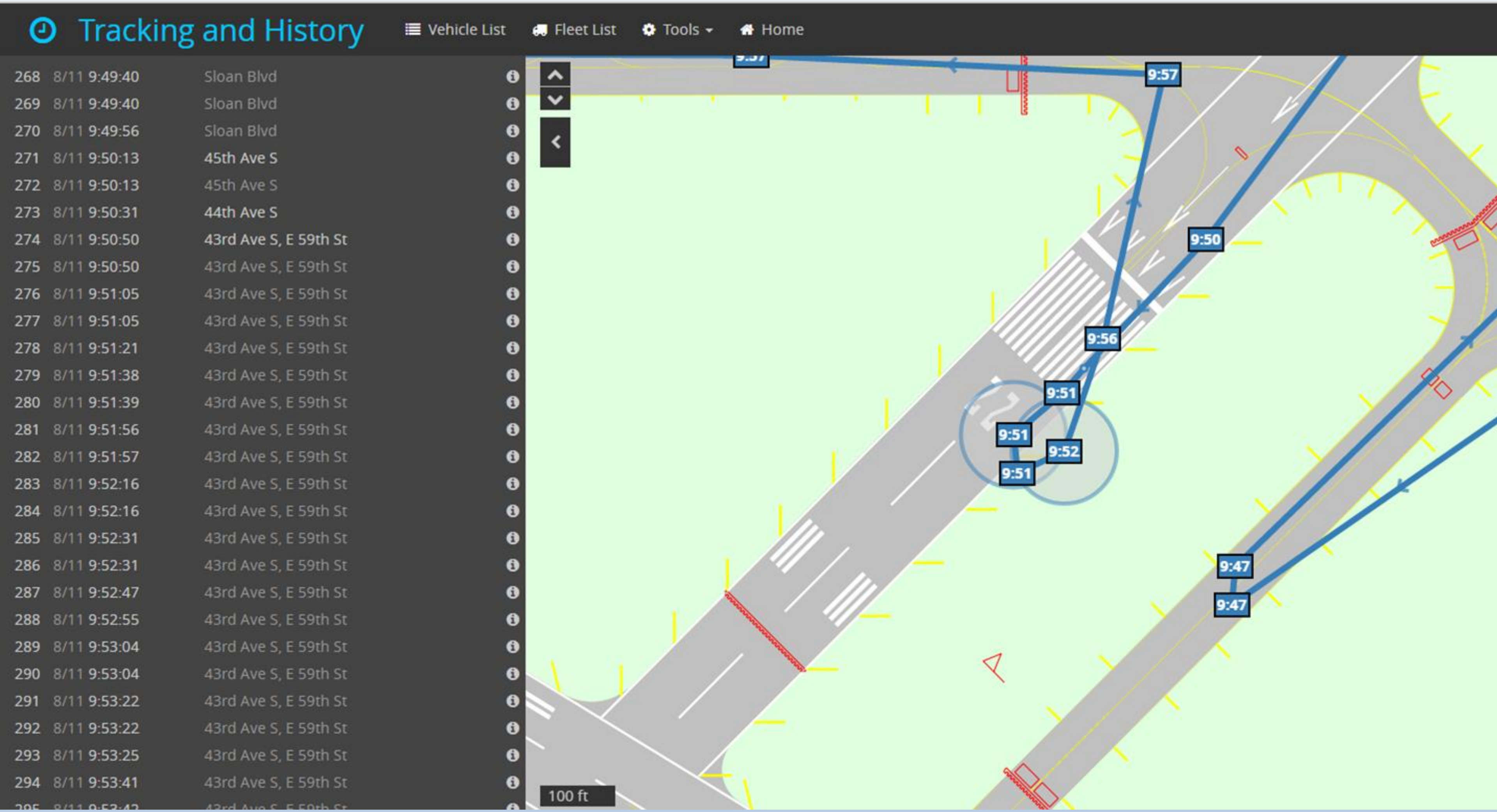
Vehicle Search

Vehicle Id...

All Vehicles	Last Update
MAC 24	0s
MAC25	0s
Unknown Loc	0s
MAC55	0s

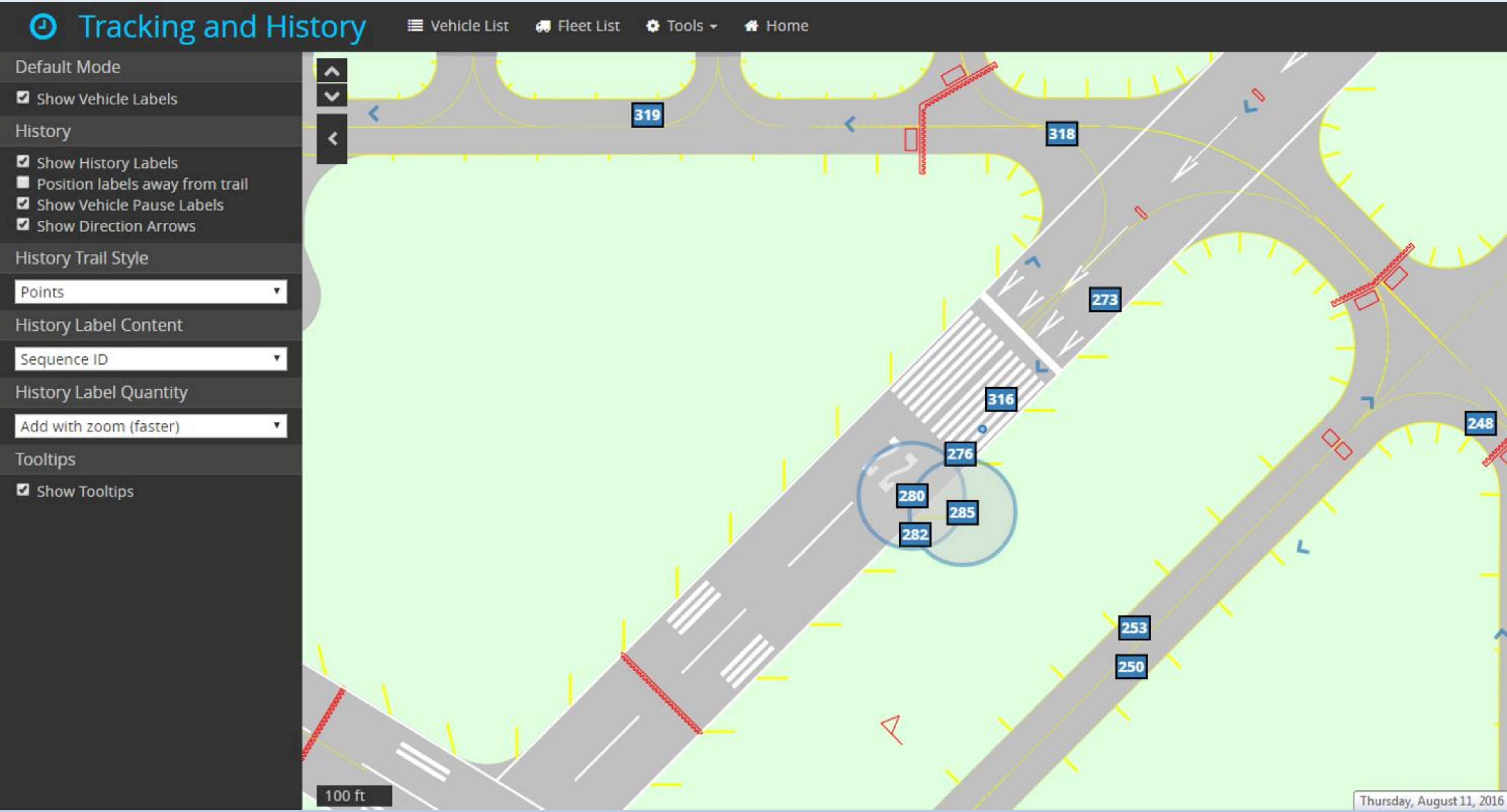
Zoom to Default
Options
Address Search
Layers
Legend
Weather
Cedar Ave S
77
Taft Park
MAC23

Playback Vehicle Location as Time


Tracking and History
Vehicle List
Fleet List
Tools
Home
9:57
9:57
9:50
9:56
9:51
9:51
9:52
9:51
9:47
9:47
100 ft

268	8/11	9:49:40	Sloan Blvd
269	8/11	9:49:40	Sloan Blvd
270	8/11	9:49:56	Sloan Blvd
271	8/11	9:50:13	45th Ave S
272	8/11	9:50:13	45th Ave S
273	8/11	9:50:31	44th Ave S
274	8/11	9:50:50	43rd Ave S, E 59th St
275	8/11	9:50:50	43rd Ave S, E 59th St
276	8/11	9:51:05	43rd Ave S, E 59th St
277	8/11	9:51:05	43rd Ave S, E 59th St
278	8/11	9:51:21	43rd Ave S, E 59th St
279	8/11	9:51:38	43rd Ave S, E 59th St
280	8/11	9:51:39	43rd Ave S, E 59th St
281	8/11	9:51:56	43rd Ave S, E 59th St
282	8/11	9:51:57	43rd Ave S, E 59th St
283	8/11	9:52:16	43rd Ave S, E 59th St
284	8/11	9:52:16	43rd Ave S, E 59th St
285	8/11	9:52:31	43rd Ave S, E 59th St
286	8/11	9:52:31	43rd Ave S, E 59th St
287	8/11	9:52:47	43rd Ave S, E 59th St
288	8/11	9:52:55	43rd Ave S, E 59th St
289	8/11	9:53:04	43rd Ave S, E 59th St
290	8/11	9:53:04	43rd Ave S, E 59th St
291	8/11	9:53:22	43rd Ave S, E 59th St
292	8/11	9:53:22	43rd Ave S, E 59th St
293	8/11	9:53:25	43rd Ave S, E 59th St
294	8/11	9:53:41	43rd Ave S, E 59th St

Playback Vehicle Location as Sequence


Tracking and History
Vehicle List
Fleet List
Tools
Home
319
318
273
316
276
280
285
282
248
253
250
100 ft
Thursday, August 11, 2016

Default Mode

☑ Show Vehicle Labels

History

☑ Show History Labels
☐ Position labels away from trail
☑ Show Vehicle Pause Labels
☑ Show Direction Arrows

History Trail Style

Points

History Label Content

Sequence ID

History Label Quantity

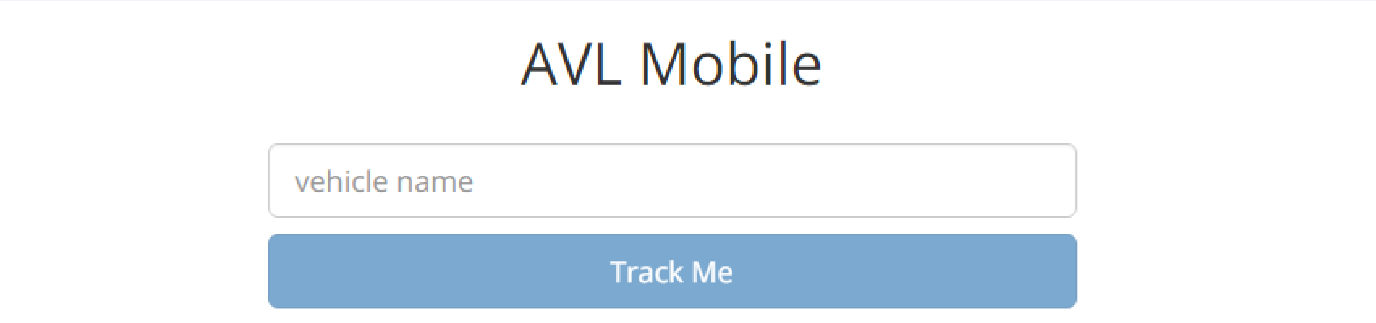
Add with zoom (faster)

Tooltips

☑ Show Tooltips

Smartphone Tracking

Mobile Can Join System

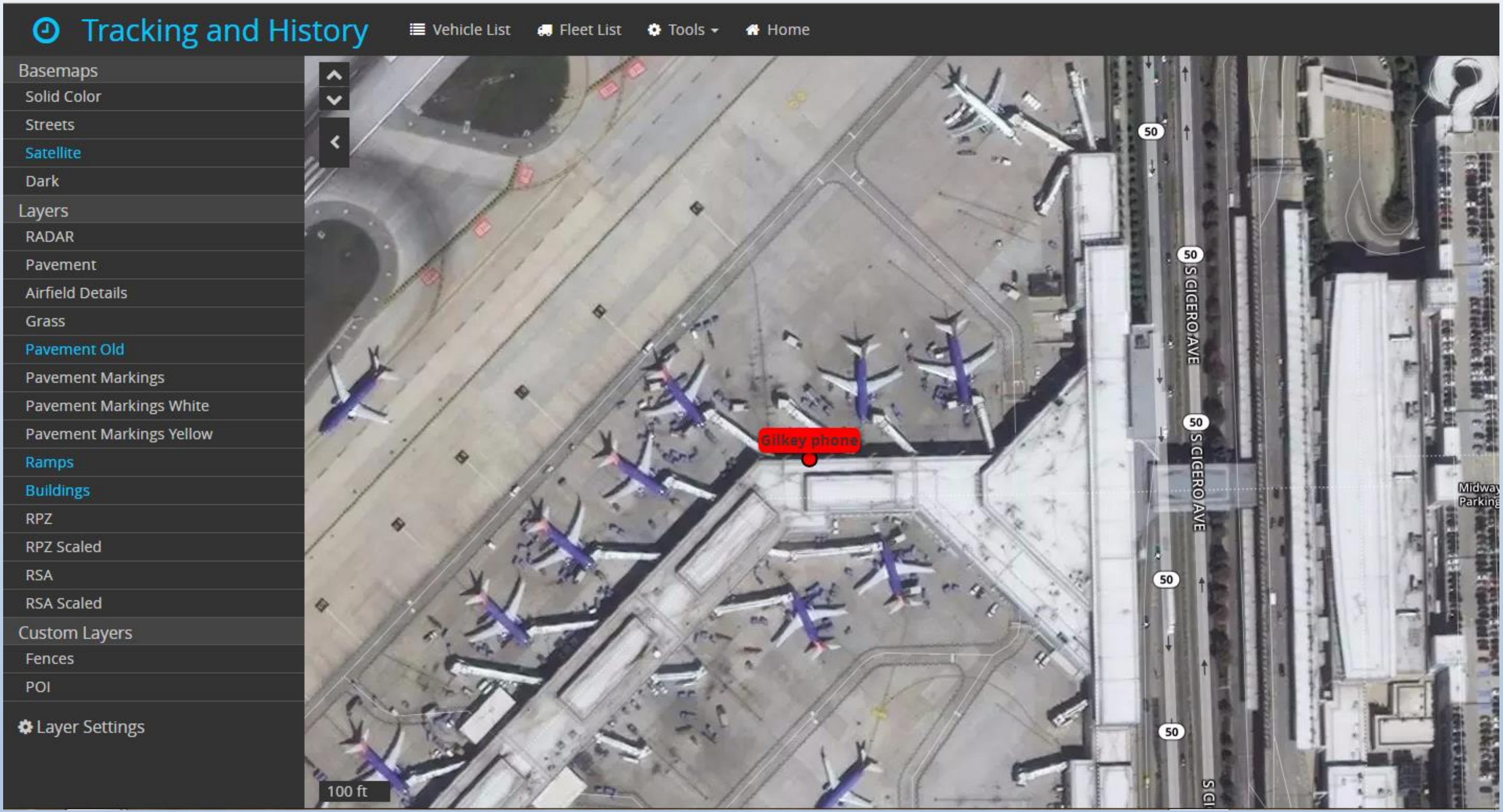


AVL Mobile

vehicle name
Track Me

In an Emergency – Asset Awareness Added to View

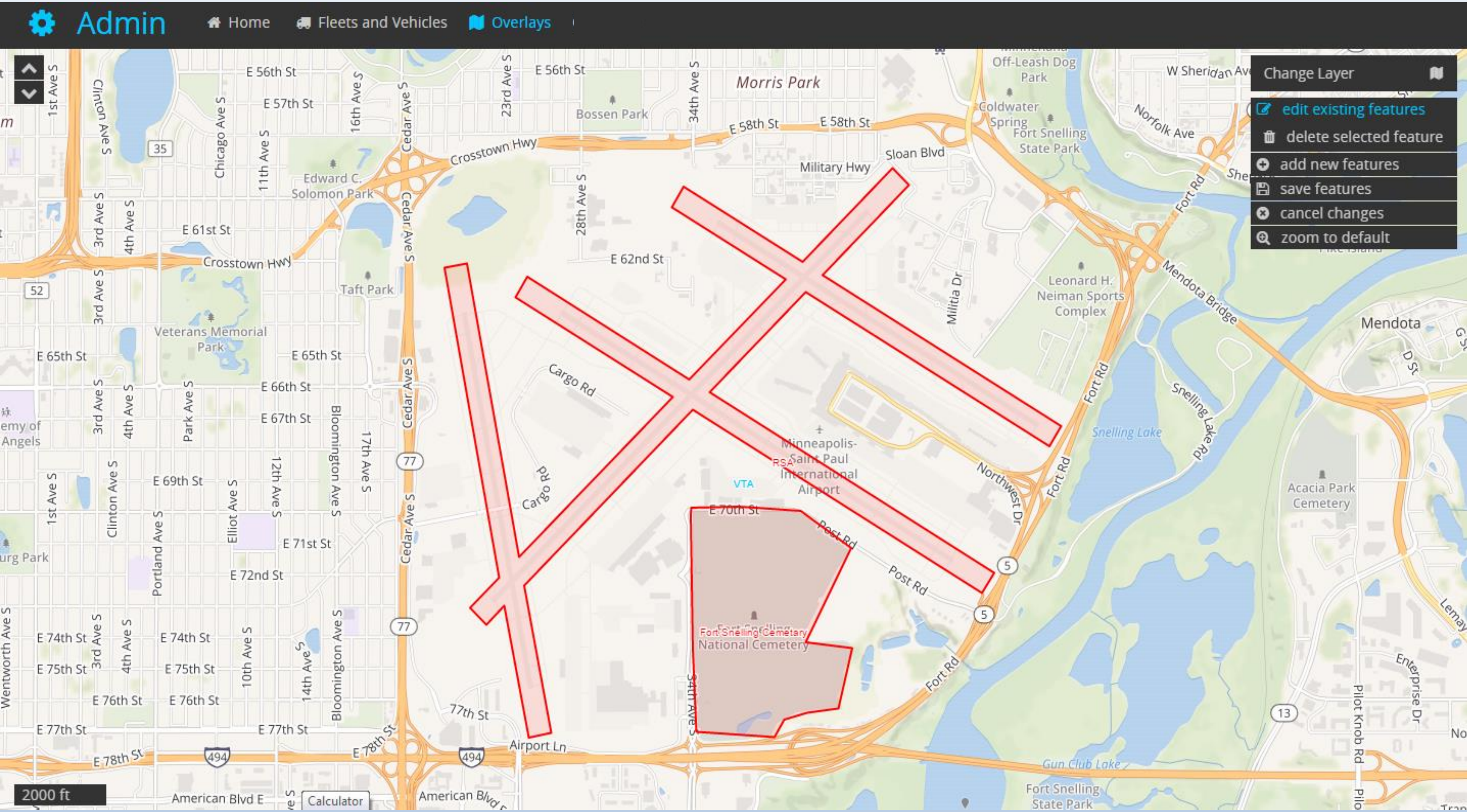
Tracked Anywhere


Tracking and History
Vehicle List
Fleet List
Tools
Home
Basemaps
Solid Color
Streets
Satellite
Dark
Layers
RADAR
Pavement
Airfield Details
Grass
Pavement Old
Pavement Markings
Pavement Markings White
Pavement Markings Yellow
Ramps
Buildings
RPZ
RPZ Scaled
RSA
RSA Scaled
Custom Layers
Fences
POI
Layer Settings
Gilkey phone
S CICERO AVE
50
Midway Parking
100 ft

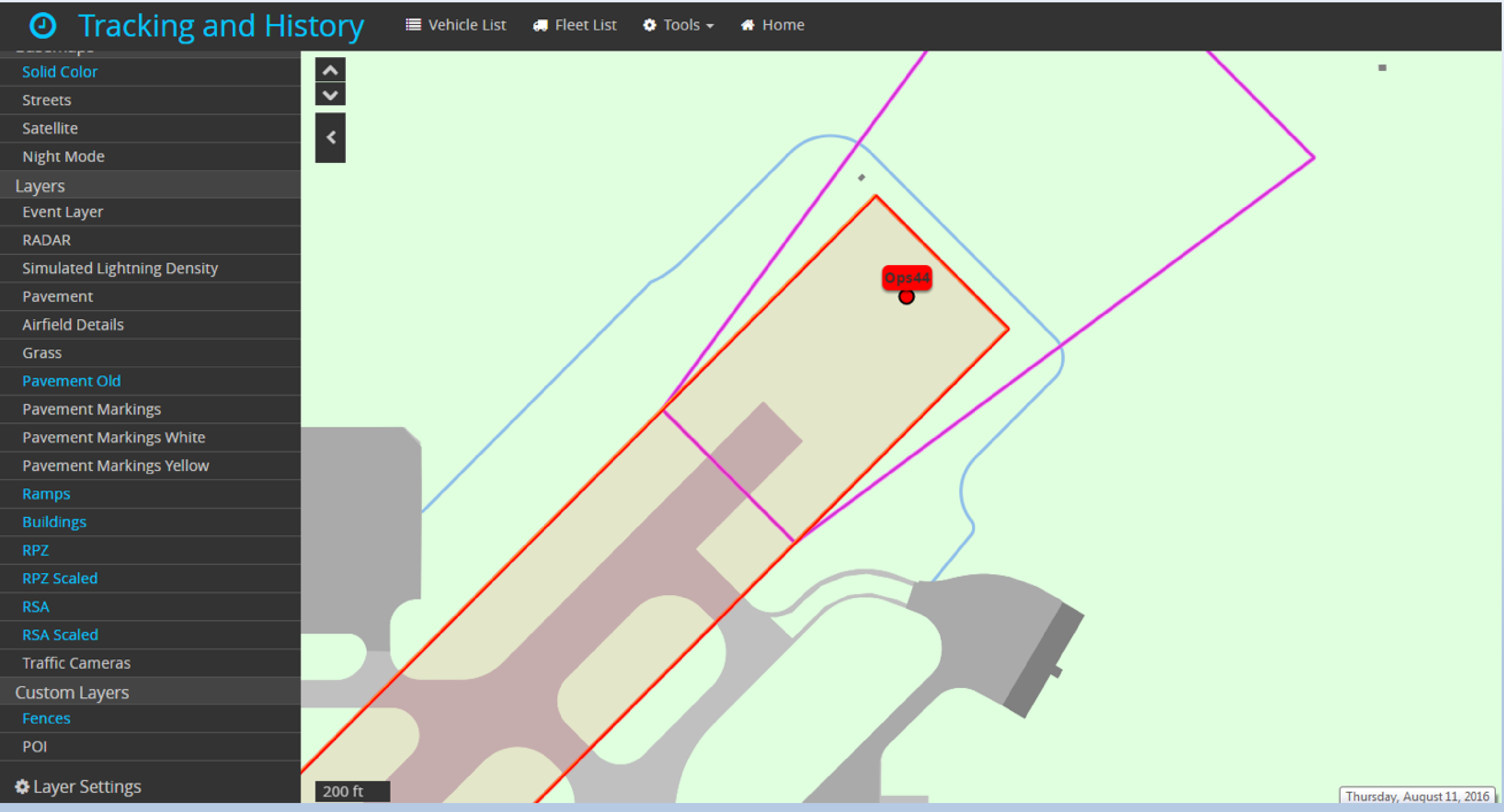
Even enroute at an Airport

Annunciations and Warnings

Inclusive/Exclusive Geofences

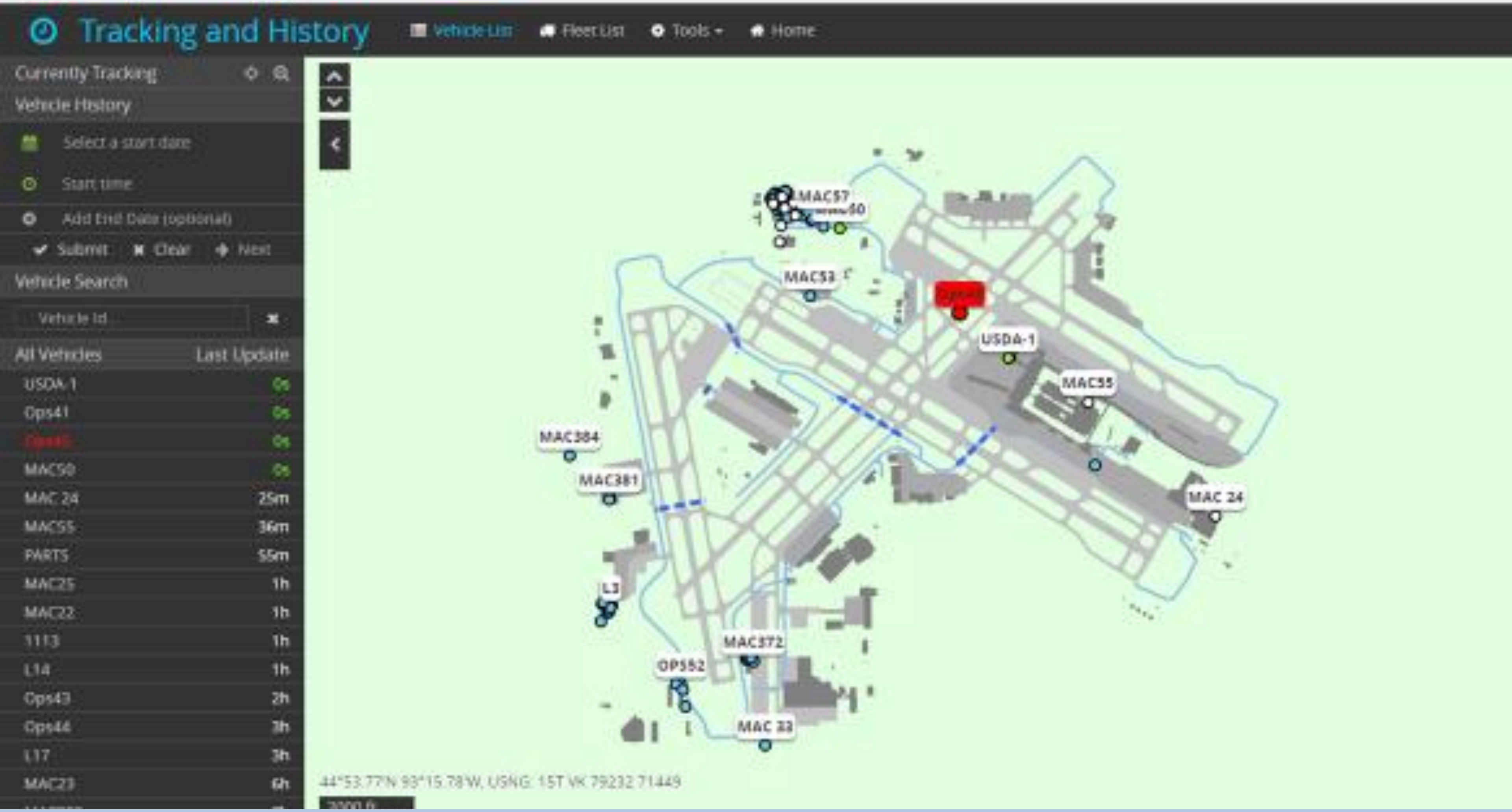

Admin
Home
Fleets and Vehicles
Overlays
Change Layer
edit existing features
delete selected feature
add new features
save features
cancel changes
zoom to default
Minneapolis-Saint Paul International Airport
Fort Snelling Cemetery
Fort Snelling National Cemetery
RSA
VTA
Crosstown Hwy
Morris Park
Mendota
Snelling Lake
Fort Rd
Post Rd
Cargo Rd
Airport Ln
2000 ft

Create Unlimited Geo-fencing



Tracking and History
Vehicle List
Fleet List
Tools
Home
Solid Color
Streets
Satellite
Night Mode
Layers
Event Layer
RADAR
Simulated Lightning Density
Pavement
Airfield Details
Grass
Pavement Old
Pavement Markings
Pavement Markings White
Pavement Markings Yellow
Ramps
Buildings
RPZ
RPZ Scaled
RSA
RSA Scaled
Traffic Cameras
Custom Layers
Fences
POI
Layer Settings
Ops44
200 ft
Thursday, August 11, 2016

Basic RIWS Visual Warning – Danger!


Tracking and History
Vehicle List
Fleet List
Tools
Home
Currently Tracking
Vehicle History
Select a start date
Start time
Add End Date (optional)
Submit
Clear
Next
Vehicle Search
Vehicle Id
MAC57
MAC50
MAC53
USDA-1
MAC55
MAC384
MAC381
MAC 24
L3
MAC372
OPS52
MAC 33
2000 ft

All Vehicles	Last Update
USDA-1	0s
Ops41	0s
[illegible]	0s
MAC50	0s
MAC 24	25m
MAC55	36m
PARTS	55m
MAC25	1h
MAC22	1h
1113	1h
L14	1h
Ops43	2h
Ops44	3h
L17	3h
MAC23	6h

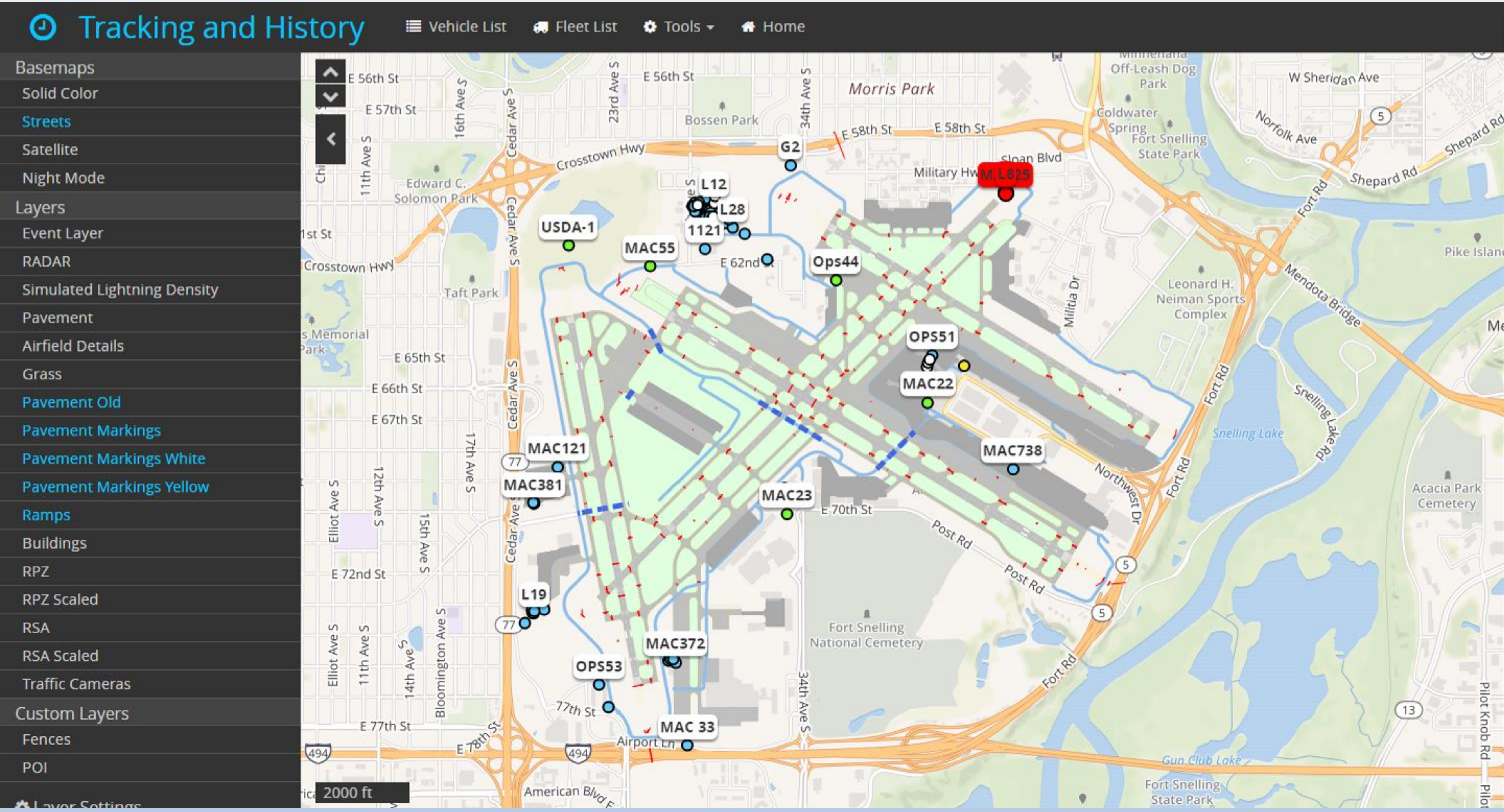
44°53.77'N 93°15.78'W, USNG: 15T VK 79232 71449

Vehicle location dot and side bar tracking number turn red and vehicle number flashes

SharedGeo Proprietary

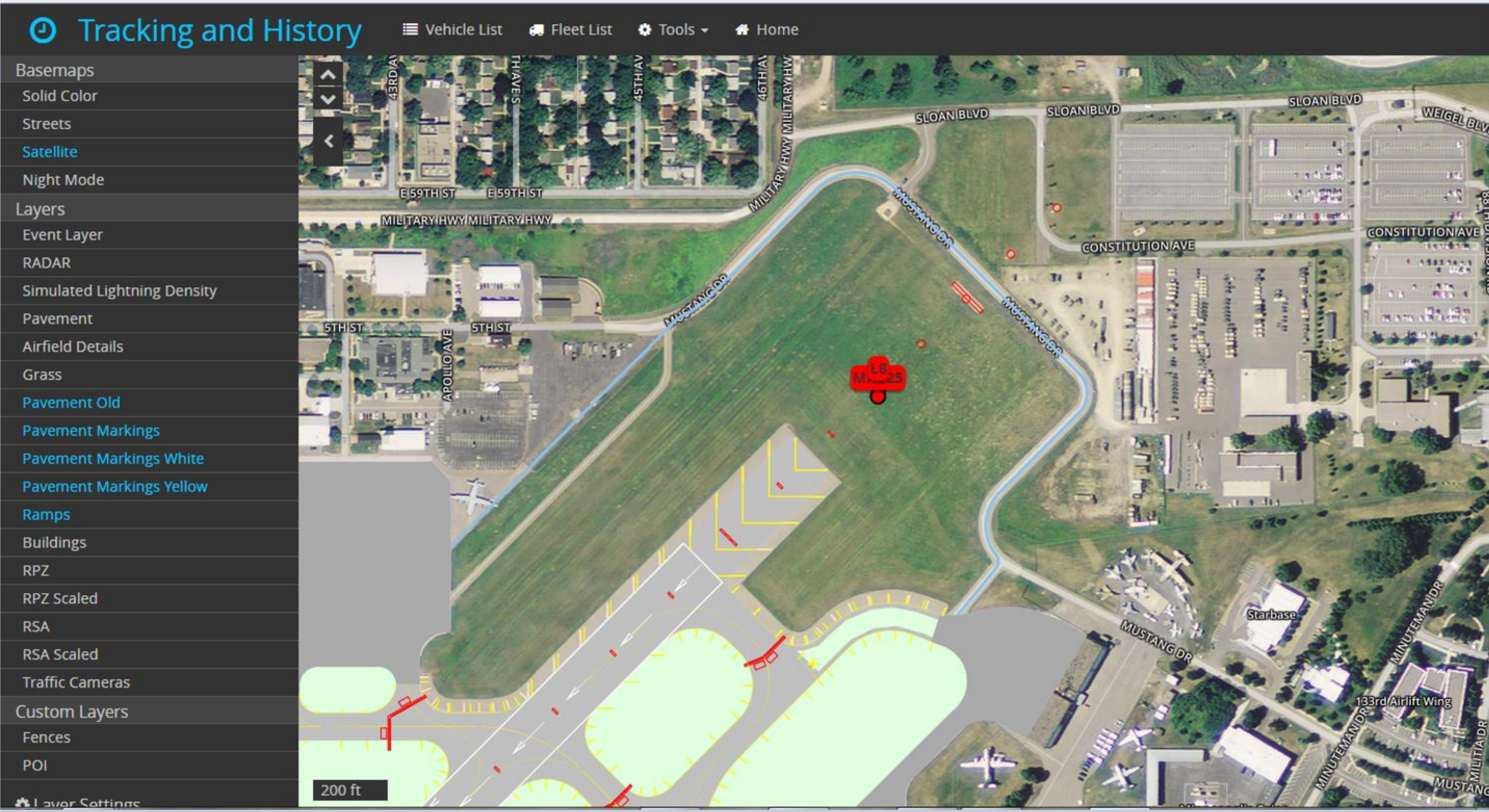
DRAGONEYE

No Matter Which View Selected

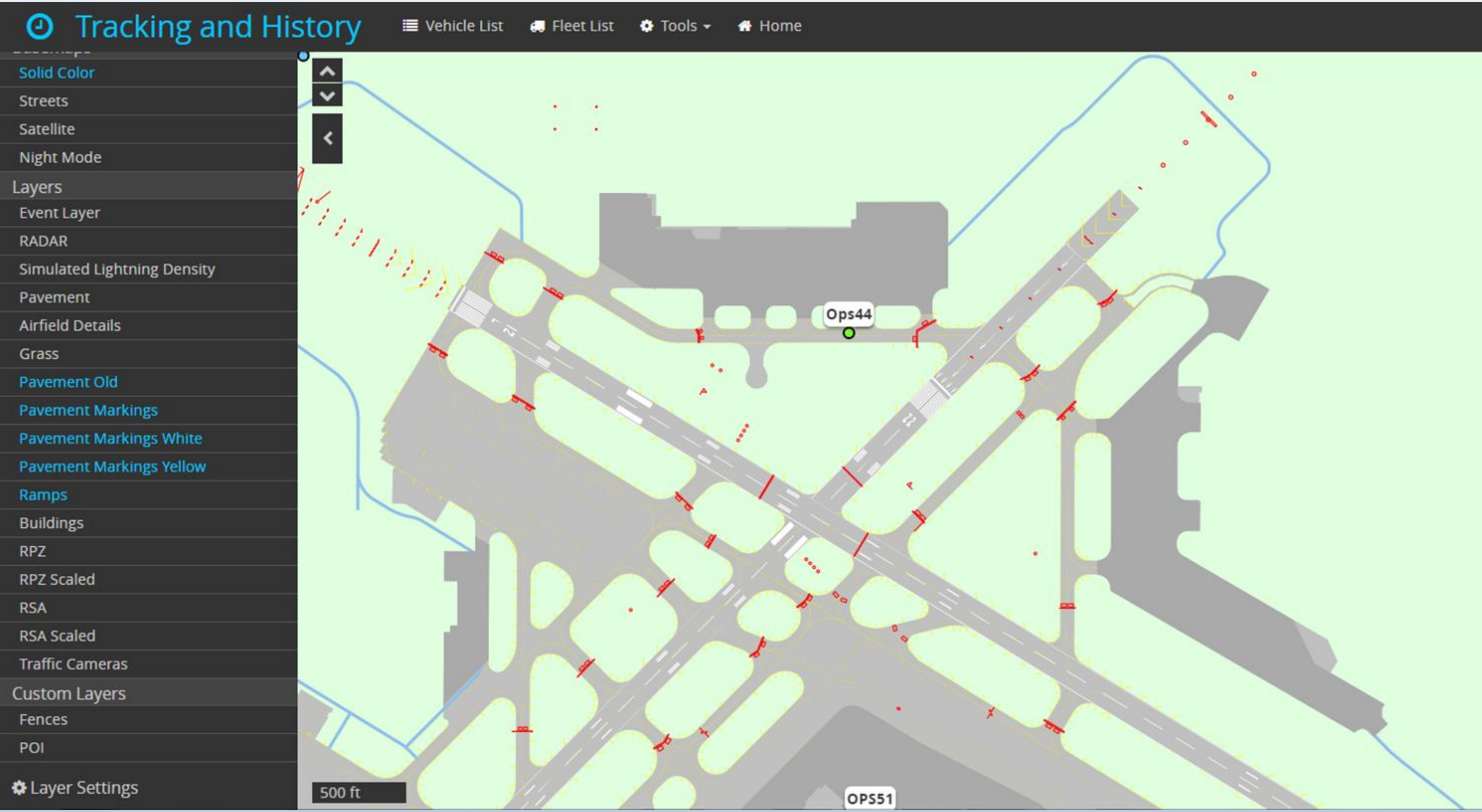

Tracking and History
Vehicle List
Fleet List
Tools
Home
Basemaps
Solid Color
Streets
Satellite
Night Mode
Layers
Event Layer
RADAR
Simulated Lightning Density
Pavement
Airfield Details
Grass
Pavement Old
Pavement Markings
Pavement Markings White
Pavement Markings Yellow
Ramps
Buildings
RPZ
RPZ Scaled
RSA
RSA Scaled
Traffic Cameras
Custom Layers
Fences
POI
Layer Settings
G2
M L825
L12
L28
1121
USDA-1
MAC55
Ops44
OPS51
MAC22
MAC738
MAC121
MAC381
MAC23
L19
MAC372
OPS53
MAC 33
Crosstown Hwy
Morris Park
Bossen Park
E 56th St
E 57th St
E 58th St
E 62nd St
E 65th St
E 66th St
E 67th St
E 70th St
E 72nd St
E 77th St
77th St
E 78th St
Military Hwy
Sloan Blvd
Edward C. Solomon Park
Taft Park
Cedar Ave S
34th Ave S
Post Rd
Northwest Dr
Fort Rd
Mendota Bridge
Snelling Lake
Snelling Lake Rd
Coldwater Spring
Fort Snelling State Park
Leonard H. Neiman Sports Complex
Fort Snelling National Cemetery
Acacia Park Cemetery
Pike Island
W Sheridan Ave
Norfolk Ave
Shepard Rd
Gun Club Lake
Airport Ln
American Blvd E
Pilot Knob Rd
Bloomington Ave S
494
77
5
13
2000 ft

SharedGeo Proprietary

Or Zoom Level Selected


Tracking and History
Vehicle List
Fleet List
Tools
Home
Basemaps
Solid Color
Streets
Satellite
Night Mode
Layers
Event Layer
RADAR
Simulated Lightning Density
Pavement
Airfield Details
Grass
Pavement Old
Pavement Markings
Pavement Markings White
Pavement Markings Yellow
Ramps
Buildings
RPZ
RPZ Scaled
RSA
RSA Scaled
Traffic Cameras
Custom Layers
Fences
POI
Layer Settings
200 ft
SLOAN BLVD
WEIGEL BLVD
CONSTITUTION AVE
MUSTANG DR
MILITARY HWY
E 59TH ST
5TH ST
APOLLO AVE
43RD AV
45TH AV
46TH AV
Starbase
133rd Airlift Wing
MINUTEMAN DR

Back to Normal


Tracking and History
Vehicle List
Fleet List
Tools
Home
Solid Color
Streets
Satellite
Night Mode
Layers
Event Layer
RADAR
Simulated Lightning Density
Pavement
Airfield Details
Grass
Pavement Old
Pavement Markings
Pavement Markings White
Pavement Markings Yellow
Ramps
Buildings
RPZ
RPZ Scaled
RSA
RSA Scaled
Traffic Cameras
Custom Layers
Fences
POI
Layer Settings
Ops44
OPS51
500 ft

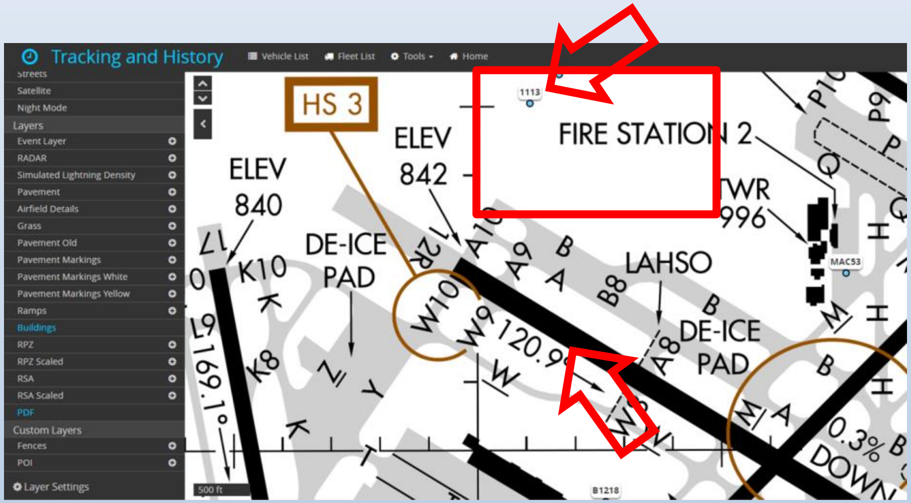
Next Generation RIWS In Development

In Cab Audio and Visual Warning

FAA AC 150/5210-25 compliant

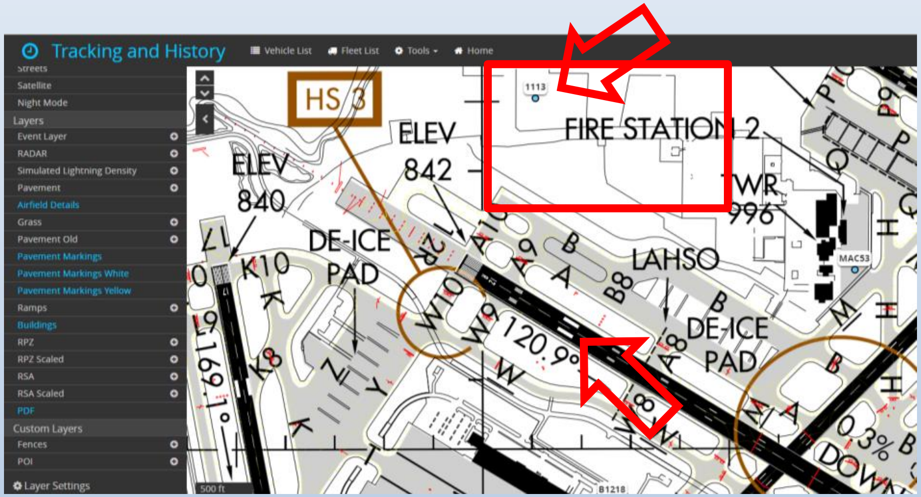
Some Emphasis Items

Turn Layers On/Off or Track on Any Base Map


Tracking and History
Vehicle List
Fleet List
Tools
Home
Streets
Satellite
Night Mode
Layers
Event Layer
RADAR
Simulated Lightning Density
Pavement
Airfield Details
Grass
Pavement Old
Pavement Markings
Pavement Markings White
Pavement Markings Yellow
Ramps
Buildings
RPZ
RPZ Scaled
RSA
RSA Scaled
PDF
Custom Layers
Fences
POI
Layer Settings
HS 3
ELEV 842
ELEV 840
FIRE STATION 2
TWR 996
DE-ICE PAD
LAHSO
1113
MAC53
B1218
500 ft

Simplest Pilot View

(FAA Airport Diagram – No layers added)


Tracking and History
Vehicle List
Fleet List
Tools
Home
Streets
Satellite
Night Mode
Layers
Event Layer
RADAR
Simulated Lightning Density
Pavement
Airfield Details
Grass
Pavement Old
Pavement Markings
Pavement Markings White
Pavement Markings Yellow
Ramps
Buildings
RPZ
RPZ Scaled
RSA
RSA Scaled
PDF
Custom Layers
Fences
POI
Layer Settings
HS 3
ELEV 842
ELEV 840
FIRE STATION 2
TWR 996
DE-ICE PAD
LAHSO
1113
MAC53
B1218
500 ft

Pilot Precision View

(FAA Airport Diagram – Multiple layers added)

SharedGeo Proprietary

Incredible Flexibility For Vehicle Info Selections

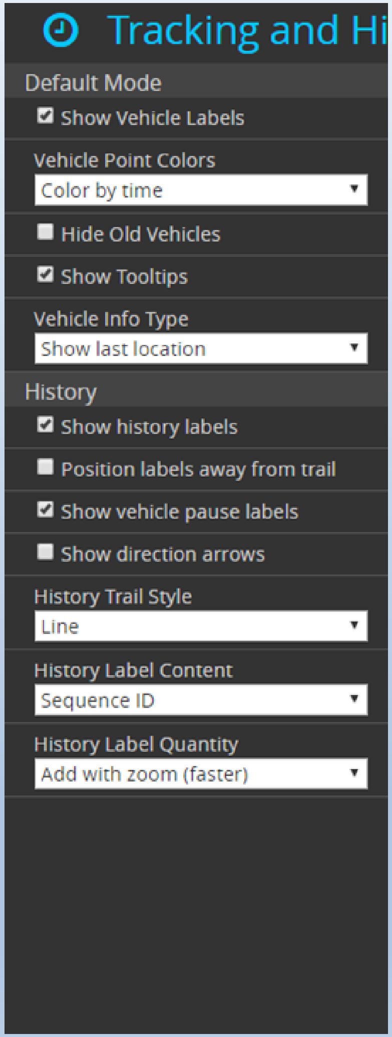
Point colors:
- Color by time
- Color by vehicle type

Vehicle Info Type (sidebar display)
- Show last location (named polygon)
- Show last time (signal report)

History Trail Style
- Line
- Dots
- None

History Label Content
- Time
- Sequence ID

History Label Quality
- Add with zoom
- Show all



Tracking and Hi

Default Mode

☑ Show Vehicle Labels

Vehicle Point Colors: Color by time

☐ Hide Old Vehicles

☑ Show Tooltips

Vehicle Info Type: Show last location

History

☑ Show history labels

☐ Position labels away from trail

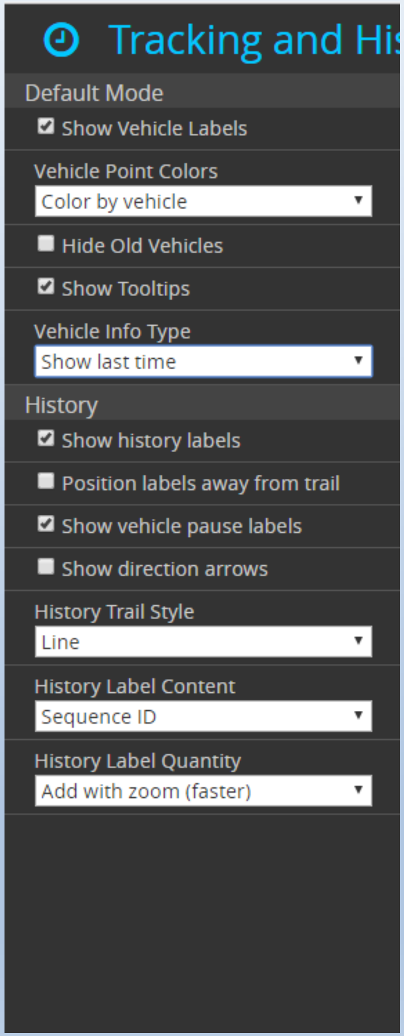
☑ Show vehicle pause labels

☐ Show direction arrows

History Trail Style: Line

History Label Content: Sequence ID

History Label Quantity: Add with zoom (faster)



Tracking and His

Default Mode

☑ Show Vehicle Labels

Vehicle Point Colors: Color by vehicle

☐ Hide Old Vehicles

☑ Show Tooltips

Vehicle Info Type: Show last time

History

☑ Show history labels

☐ Position labels away from trail

☑ Show vehicle pause labels

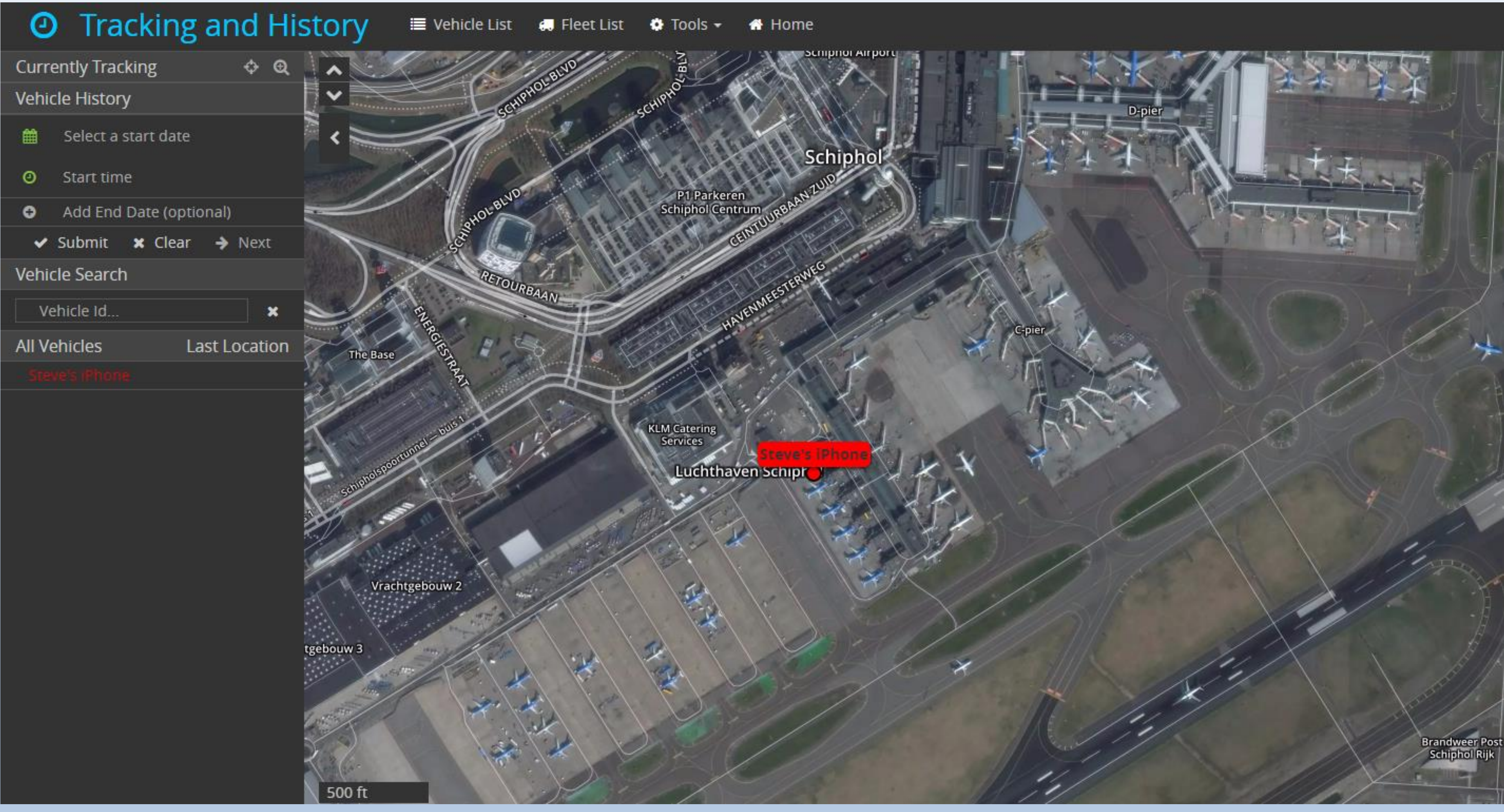
☐ Show direction arrows

History Trail Style: Line

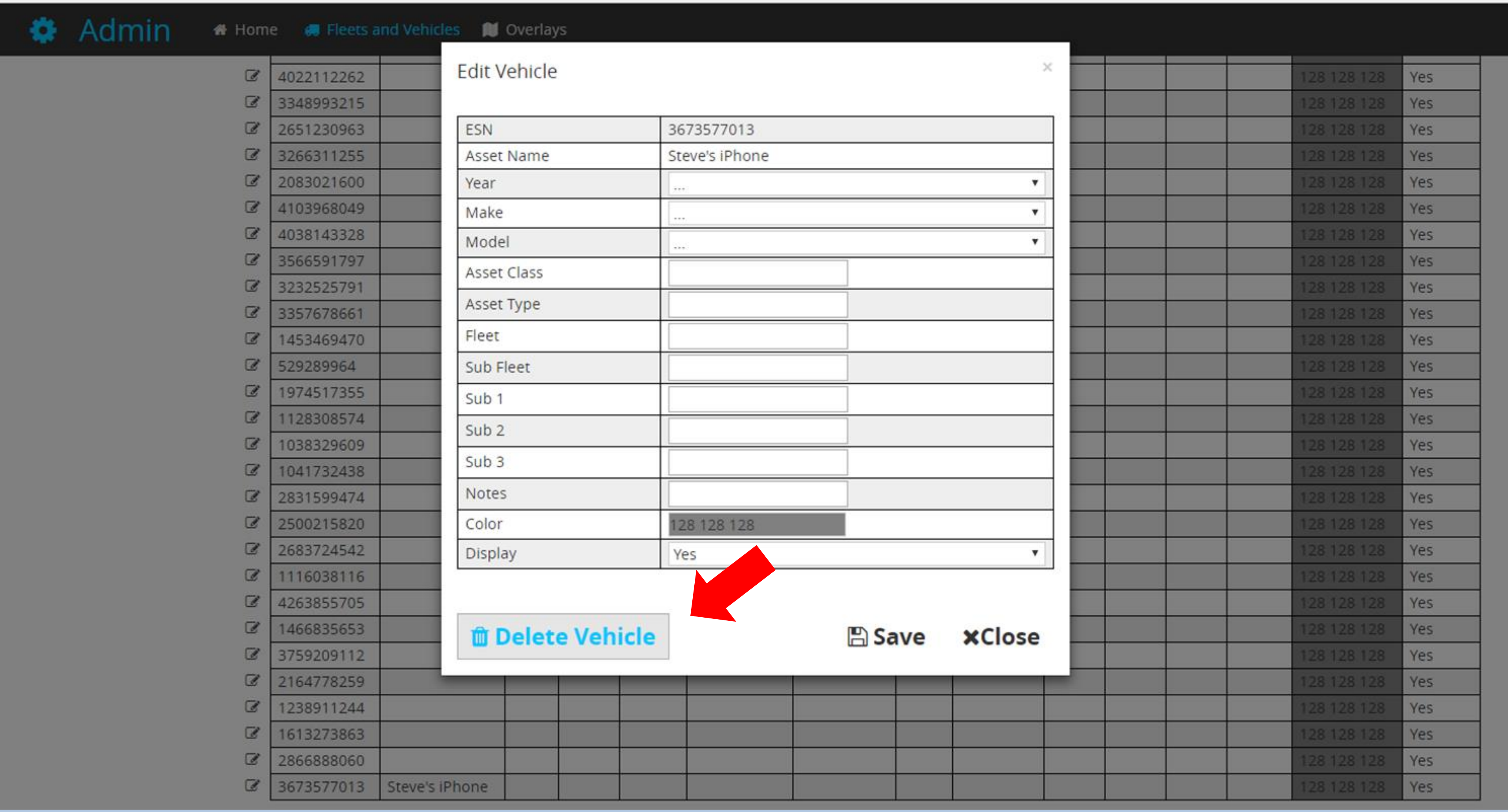
History Label Content: Sequence ID

History Label Quantity: Add with zoom (faster)

Easy Track Delete


Tracking and History
Vehicle List
Fleet List
Tools
Home
Currently Tracking
Vehicle History
Select a start date
Start time
Add End Date (optional)
Submit
Clear
Next
Vehicle Search
Vehicle Id...
All Vehicles
Last Location
Steve's iPhone
Schiphol
SCHIPHOL BLVD
P1 Parkeren Schiphol Centrum
CEINTUURBAAN ZUID
RETOURBAAN
HAVENMEESTERWEG
ENERGIESTRAAT
The Base
KLM Catering Services
Luchthaven Schiphol
Steve's iPhone
D-pier
C-pier
Vrachtgebouw 2
tgebouw 3
Brandweer Post Schiphol Rijk
500 ft

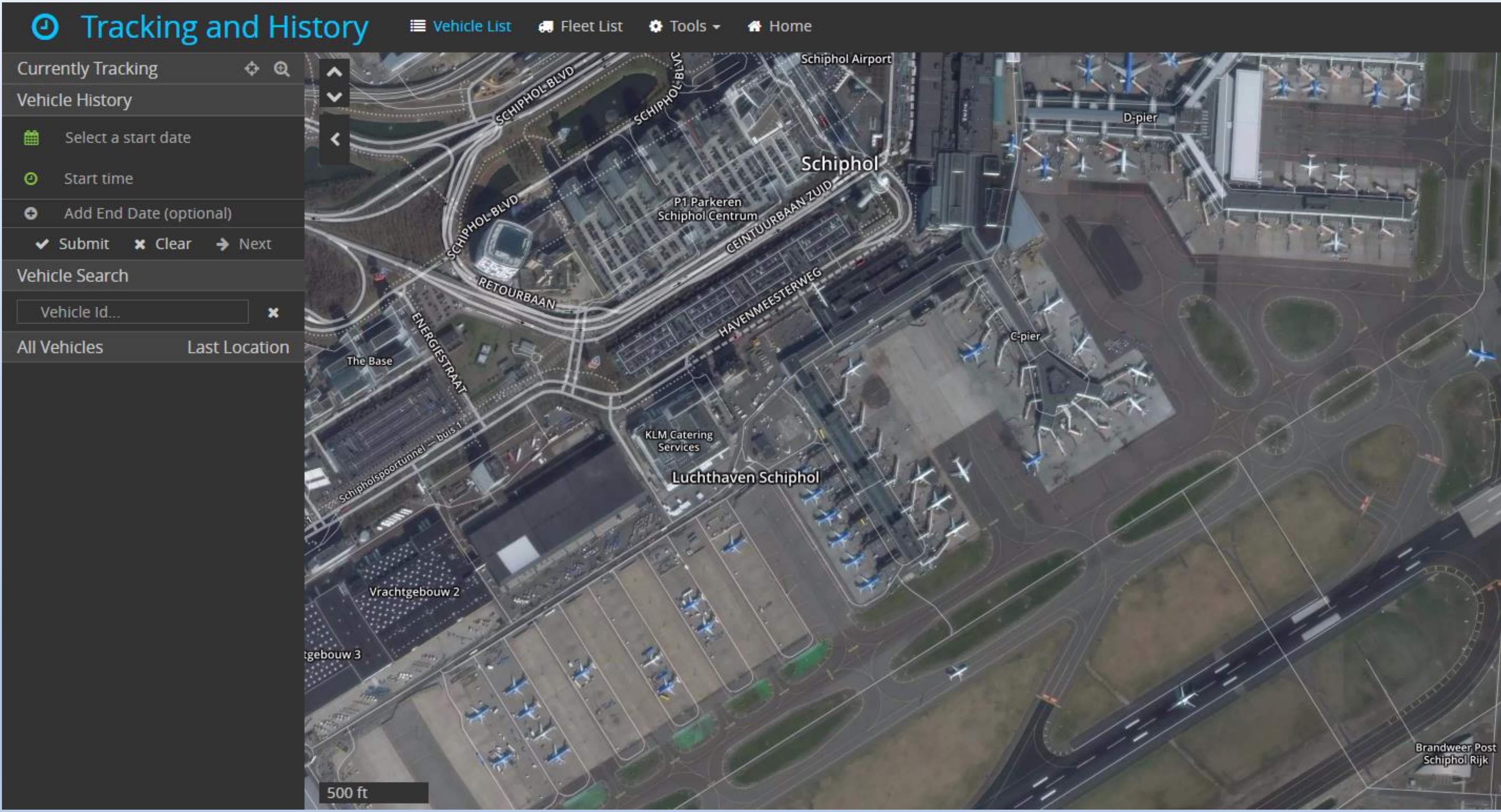
Easy Track Delete



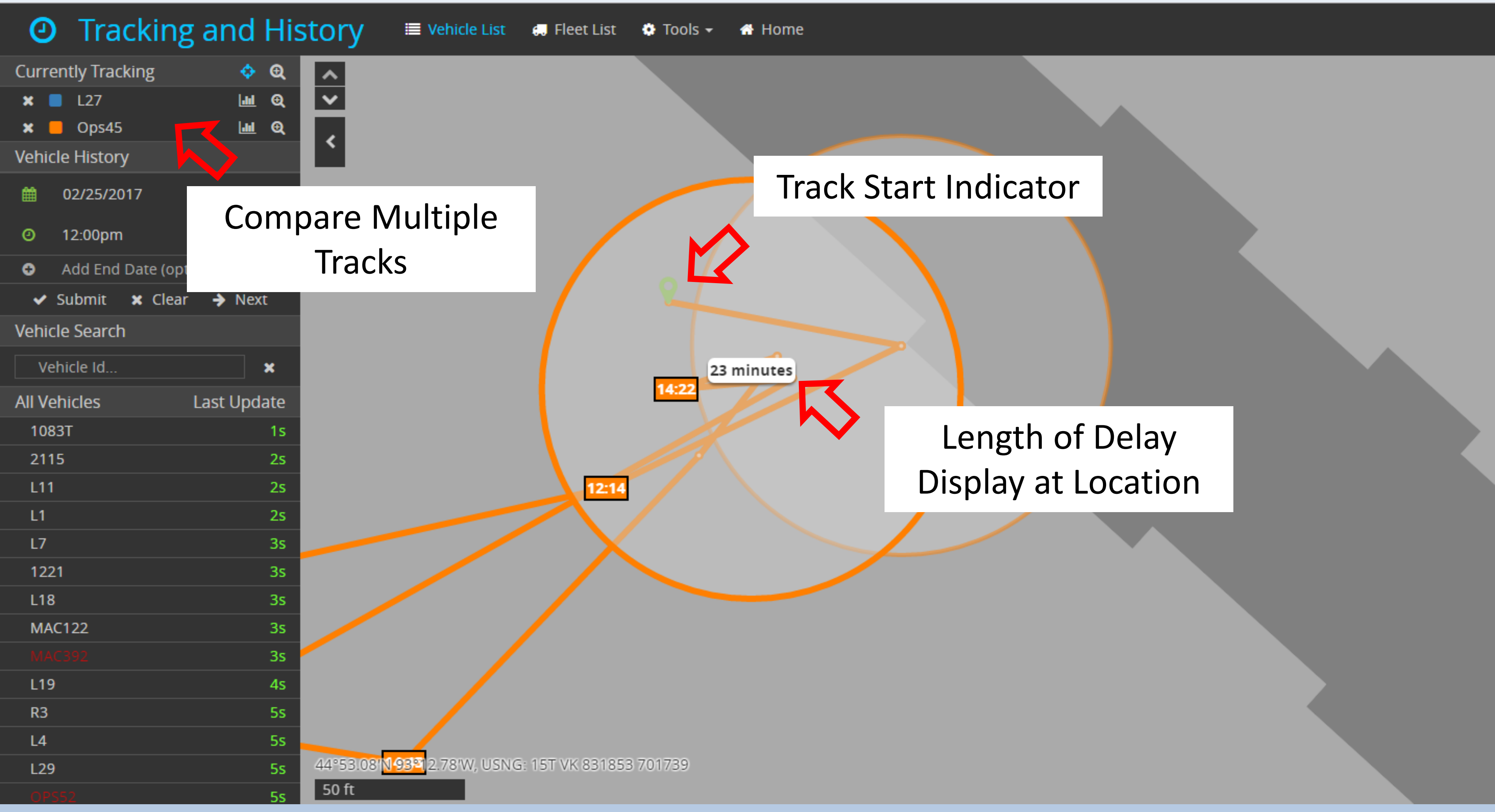
ESN	3673577013
Asset Name	Steve's iPhone
Year	...
Make	...
Model	...
Asset Class	
Asset Type	
Fleet	
Sub Fleet	
Sub 1	
Sub 2	
Sub 3	
Notes	
Color	128 128 128
Display	Yes

4022112262		128 128 128	Yes
3348993215		128 128 128	Yes
2651230963		128 128 128	Yes
3266311255		128 128 128	Yes
2083021600		128 128 128	Yes
4103968049		128 128 128	Yes
4038143328		128 128 128	Yes
3566591797		128 128 128	Yes
3232525791		128 128 128	Yes
3357678661		128 128 128	Yes
1453469470		128 128 128	Yes
529289964		128 128 128	Yes
1974517355		128 128 128	Yes
1128308574		128 128 128	Yes
1038329609		128 128 128	Yes
1041732438		128 128 128	Yes
2831599474		128 128 128	Yes
2500215820		128 128 128	Yes
2683724542		128 128 128	Yes
1116038116		128 128 128	Yes
4263855705		128 128 128	Yes
1466835653		128 128 128	Yes
3759209112		128 128 128	Yes
2164778259		128 128 128	Yes
1238911244		128 128 128	Yes
1613273863		128 128 128	Yes
2866888060		128 128 128	Yes
3673577013	Steve's iPhone	128 128 128	Yes

Easy Track Delete


Tracking and History
Vehicle List
Fleet List
Tools
Home
Currently Tracking
Vehicle History
Select a start date
Start time
Add End Date (optional)
Submit
Clear
Next
Vehicle Search
Vehicle Id...
All Vehicles
Last Location
Schiphol Airport
SCHIPHOL BLVD
Schiphol
D-pier
P1 Parkeren Schiphol Centrum
CEINTUURBAAN ZUID
RETOURBAAN
HAVENMEESTERWEG
ENERGIESTRAAT
The Base
C-pier
KLM Catering Services
Luchthaven Schiphol
Schipholspoortunnel — buis 1
Vrachtgebouw 2
tgebouw 3
Brandweer Post Schiphol Rijk
500 ft

Extended Pause Feature


Tracking and History
Vehicle List
Fleet List
Tools
Home
Currently Tracking
L27
Ops45
Vehicle History
02/25/2017
12:00pm
Add End Date (opt
Submit
Clear
Next
Vehicle Search
Vehicle Id...
14:22
23 minutes
12:14
44°53.08'N 93°12.78'W, USNG: 15T VK 831853 701739
50 ft

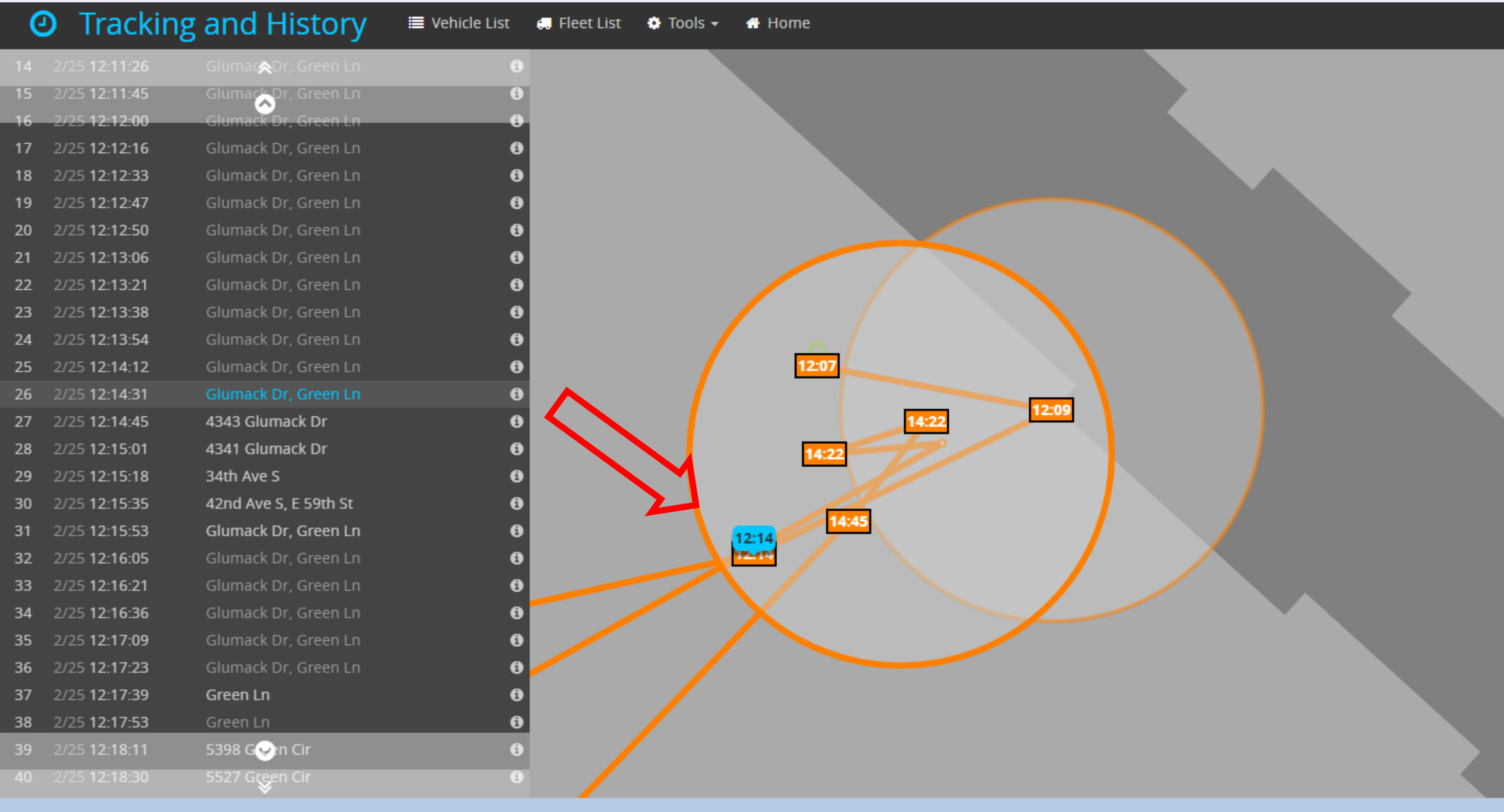
All Vehicles	Last Update
1083T	1s
2115	2s
L11	2s
L1	2s
L7	3s
1221	3s
L18	3s
MAC122	3s
MAC392	3s
L19	4s
R3	5s
L4	5s
L29	5s
OPS52	5s

Compare Multiple Tracks

Track Start Indicator

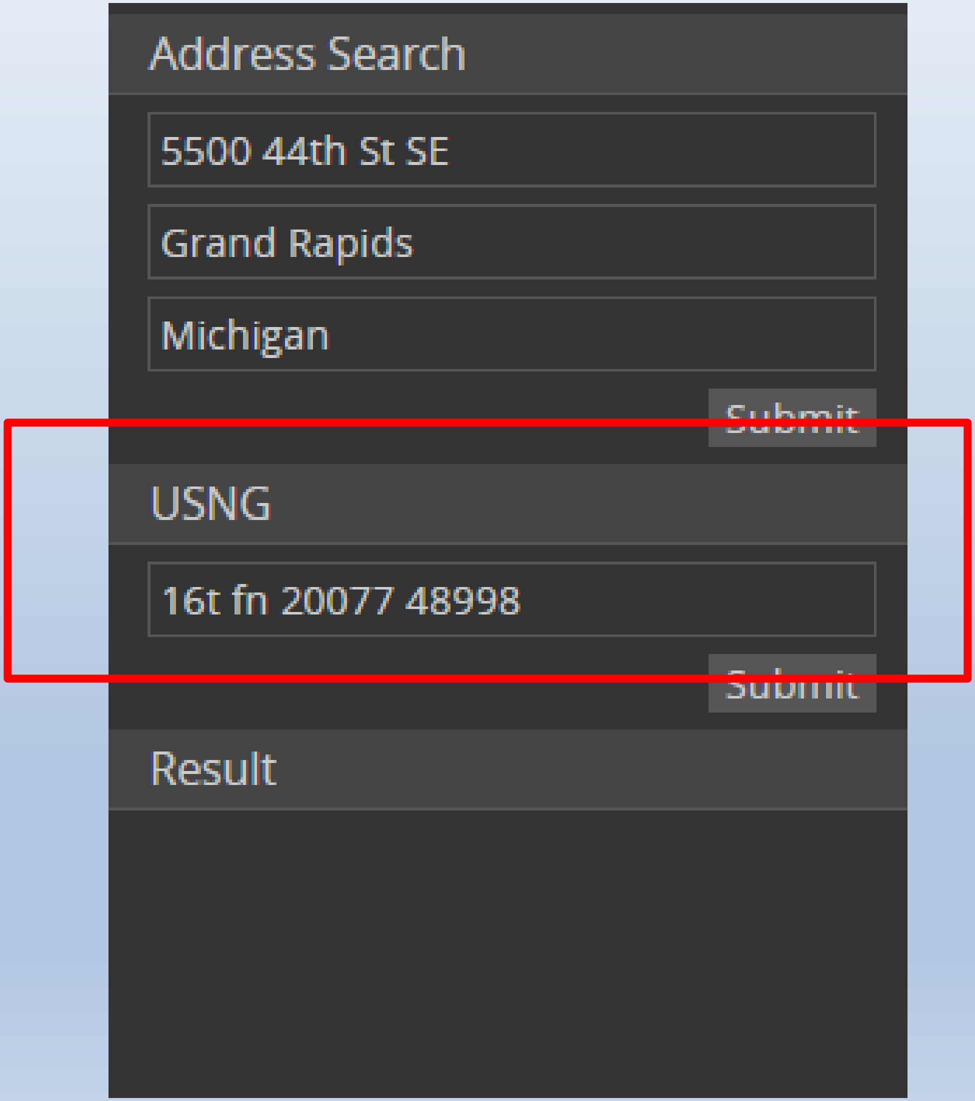
Length of Delay Display at Location

Replay Onscreen Track Following



14	2/25 12:11:26	Glumack Dr, Green Ln	ℹ
15	2/25 12:11:45	Glumack Dr, Green Ln	ℹ
16	2/25 12:12:00	Glumack Dr, Green Ln	ℹ
17	2/25 12:12:16	Glumack Dr, Green Ln	ℹ
18	2/25 12:12:33	Glumack Dr, Green Ln	ℹ
19	2/25 12:12:47	Glumack Dr, Green Ln	ℹ
20	2/25 12:12:50	Glumack Dr, Green Ln	ℹ
21	2/25 12:13:06	Glumack Dr, Green Ln	ℹ
22	2/25 12:13:21	Glumack Dr, Green Ln	ℹ
23	2/25 12:13:38	Glumack Dr, Green Ln	ℹ
24	2/25 12:13:54	Glumack Dr, Green Ln	ℹ
25	2/25 12:14:12	Glumack Dr, Green Ln	ℹ
26	2/25 12:14:31	Glumack Dr, Green Ln	ℹ
27	2/25 12:14:45	4343 Glumack Dr	ℹ
28	2/25 12:15:01	4341 Glumack Dr	ℹ
29	2/25 12:15:18	34th Ave S	ℹ
30	2/25 12:15:35	42nd Ave S, E 59th St	ℹ
31	2/25 12:15:53	Glumack Dr, Green Ln	ℹ
32	2/25 12:16:05	Glumack Dr, Green Ln	ℹ
33	2/25 12:16:21	Glumack Dr, Green Ln	ℹ
34	2/25 12:16:36	Glumack Dr, Green Ln	ℹ
35	2/25 12:17:09	Glumack Dr, Green Ln	ℹ
36	2/25 12:17:23	Glumack Dr, Green Ln	ℹ
37	2/25 12:17:39	Green Ln	ℹ
38	2/25 12:17:53	Green Ln	ℹ
39	2/25 12:18:11	5398 Green Cir	ℹ
40	2/25 12:18:30	5527 Green Cir	ℹ

Search Using the Built in Geocoder


Address Search

5500 44th St SE

Grand Rapids

Michigan

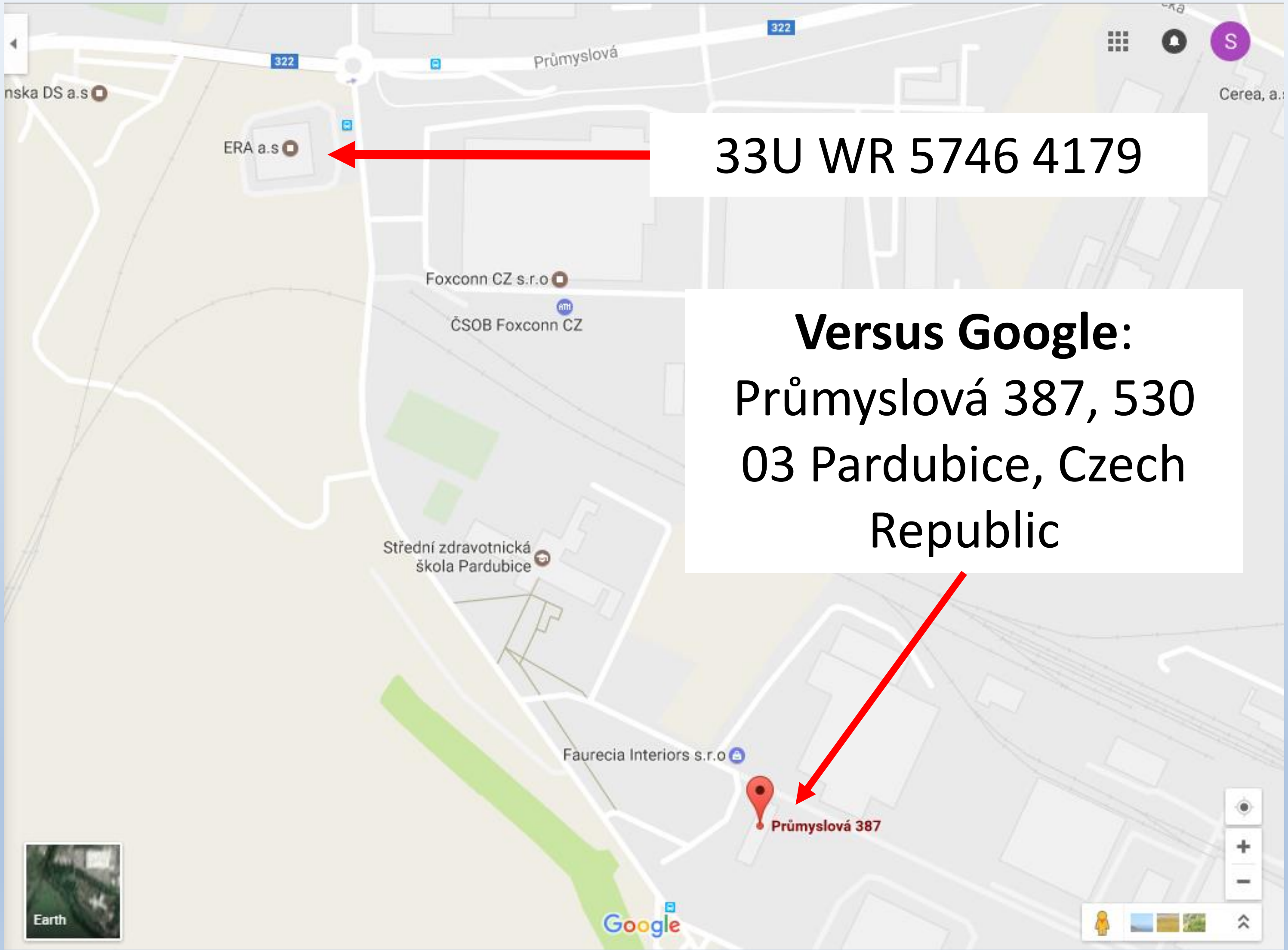
USNG

16t fn 20077 48998

Result

Military Grid Reference System (MGRS) search outside the U.S

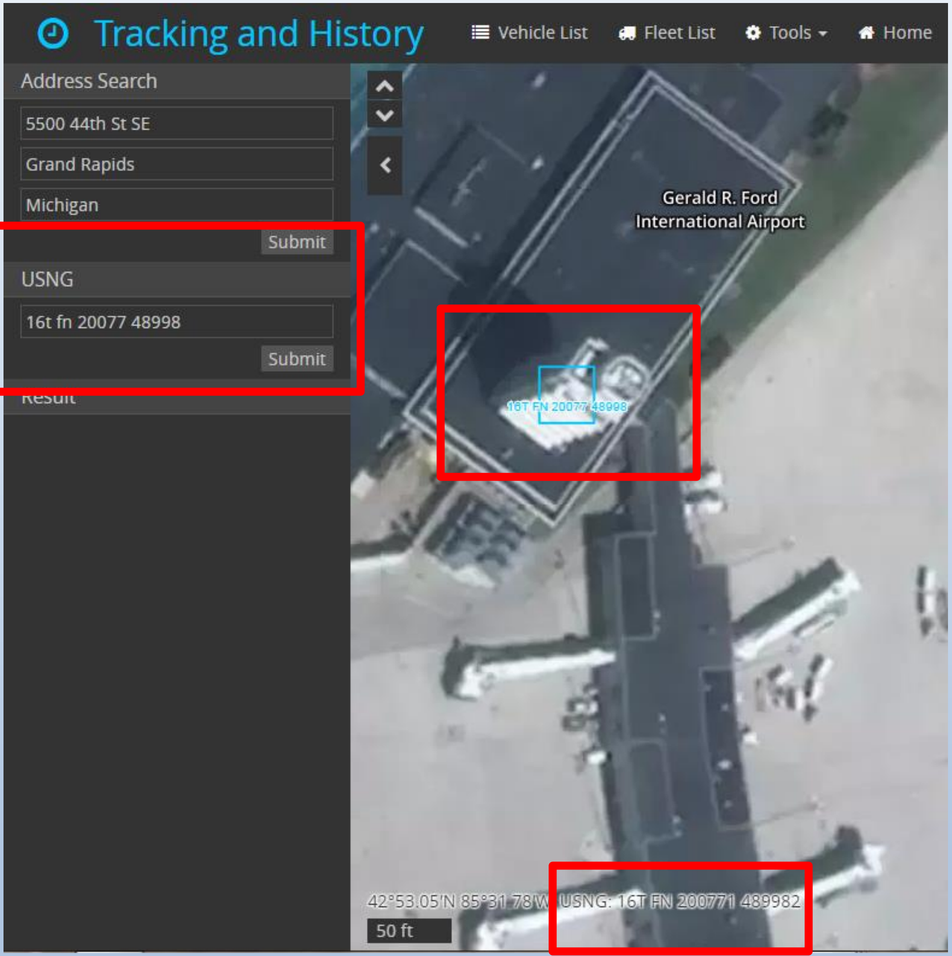
Accuracy


322
Průmyslová
nska DS a.s
ERA a.s
Cerea, a.s
Foxconn CZ s.r.o
ČSOB Foxconn CZ
Střední zdravotnická škola Pardubice
Faurecia Interiors s.r.o
Průmyslová 387
Earth
Google

33U WR 5746 4179

Versus Google: Průmyslová 387, 530 03 Pardubice, Czech Republic

Granularity



Address Search

5500 44th St SE

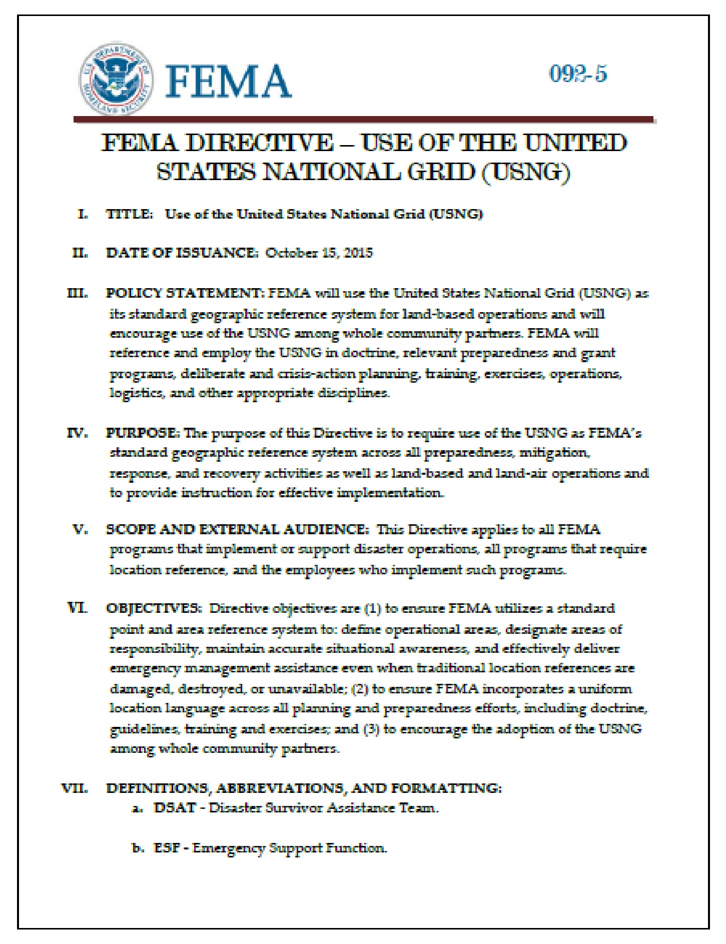
Grand Rapids

Michigan

USNG

16t fn 20077 48998

42°53.05'N 85°31.78'W USNG: 16T FN 200771 489982



FEMA 092-5

FEMA DIRECTIVE – USE OF THE UNITED STATES NATIONAL GRID (USNG)

I. **TITLE:** **Use of the United States National Grid (USNG)**

II. **DATE OF ISSUANCE:** October 15, 2015

III. **POLICY STATEMENT:** FEMA will use the United States National Grid (USNG) as its standard geographic reference system for land-based operations and will encourage use of the USNG among whole community partners. FEMA will reference and employ the USNG in doctrine, relevant preparedness and grant programs, deliberate and crisis-action planning, training, exercises, operations, logistics, and other appropriate disciplines.

IV. **PURPOSE:** The purpose of this Directive is to require use of the USNG as FEMA's standard geographic reference system across all preparedness, mitigation, response, and recovery activities as well as land-based and land-air operations and to provide instruction for effective implementation.

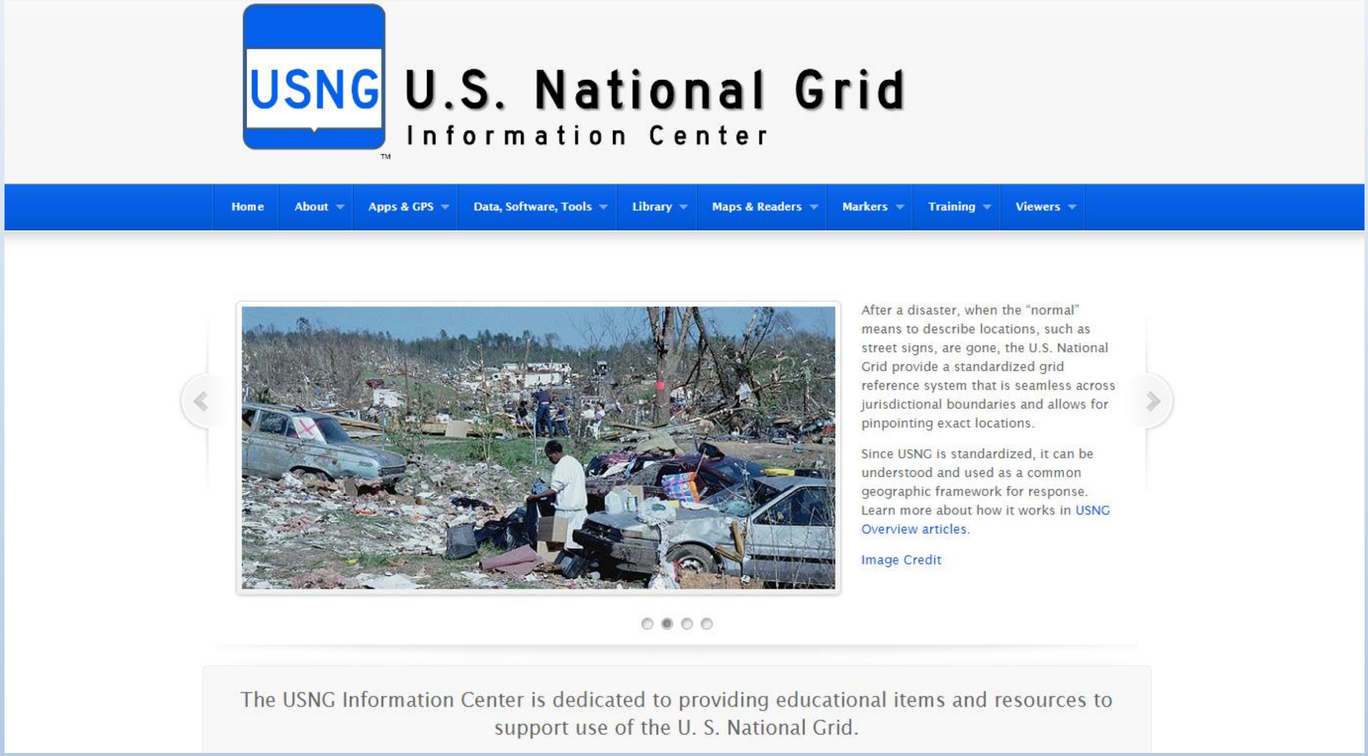
V. **SCOPE AND EXTERNAL AUDIENCE:** This Directive applies to all FEMA programs that implement or support disaster operations, all programs that require location reference, and the employees who implement such programs.

VI. **OBJECTIVES:** Directive objectives are (1) to ensure FEMA utilizes a standard point and area reference system to: define operational areas, designate areas of responsibility, maintain accurate situational awareness, and effectively deliver emergency management assistance even when traditional location references are damaged, destroyed, or unavailable; (2) to ensure FEMA incorporates a uniform location language across all planning and preparedness efforts, including doctrine, guidelines, training and exercises; and (3) to encourage the adoption of the USNG among whole community partners.

VII. **DEFINITIONS, ABBREVIATIONS, AND FORMATTING:**
  a. **DSAT** - Disaster Survivor Assistance Team.
  b. **ESF** - Emergency Support Function.

New U.S. National Emergency Response Geo-location Standard

SharedGeo & USNG


USNG
U.S. National Grid
Information Center
Home
About
Apps & GPS
Data, Software, Tools
Library
Maps & Readers
Markers
Training
Viewers

After a disaster, when the "normal" means to describe locations, such as street signs, are gone, the U.S. National Grid provide a standardized grid reference system that is seamless across jurisdictional boundaries and allows for pinpointing exact locations.

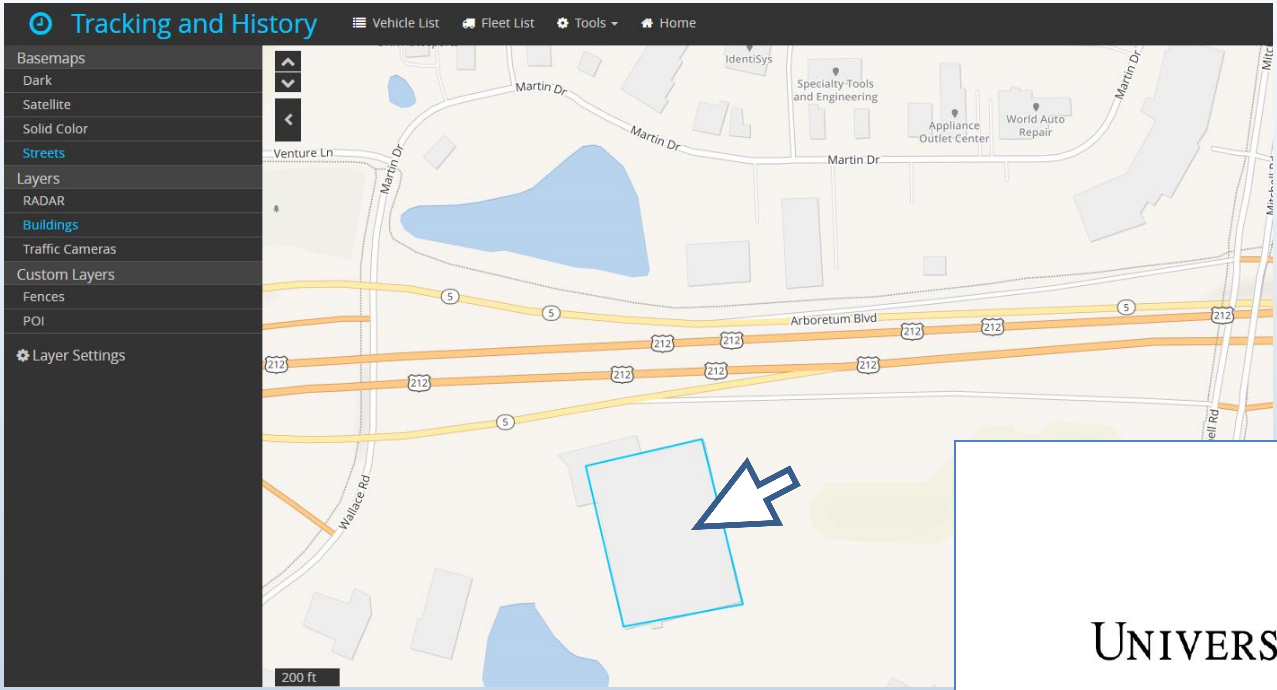
Since USNG is standardized, it can be understood and used as a common geographic framework for response. Learn more about how it works in USNG Overview articles.

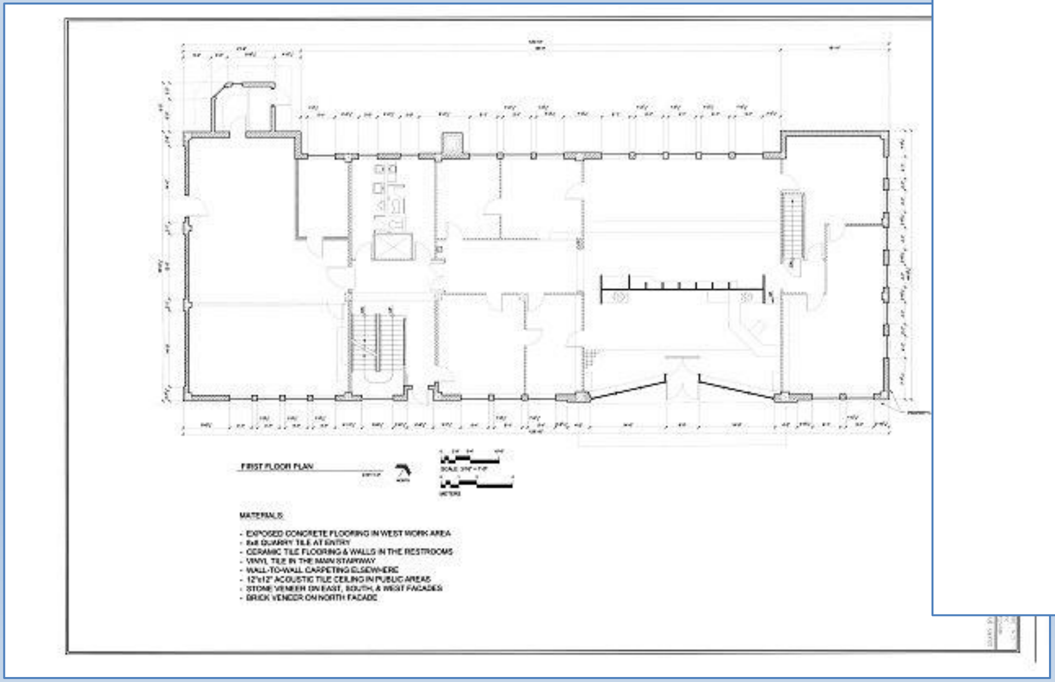
Image Credit

The USNG Information Center is dedicated to providing educational items and resources to support use of the U. S. National Grid.

- SharedGeo runs the Nation's USNG Information Center
- SharedGeo has developed the majority of the related USNG coding and tools

Point, Click, View


Tracking and History
Vehicle List
Fleet List
Tools
Home
Basemaps
Dark
Satellite
Solid Color
Streets
Layers
RADAR
Buildings
Traffic Cameras
Custom Layers
Fences
POI
Layer Settings
IdentiSys
Specialty Tools and Engineering
Appliance Outlet Center
World Auto Repair
Martin Dr
Venture Ln
Arboretum Blvd
Wallace Rd
5
212
200 ft


FIRST FLOOR PLAN
NORTH
SCALE
METERS

MATERIALS:

- EXPOSED CONCRETE FLOORING IN WEST WORK AREA
- 8x8 QUARRY TILE AT ENTRY
- CERAMIC TILE FLOORING & WALLS IN THE RESTROOMS
- VINYL TILE IN THE MAIN STAIRWAY
- WALL-TO-WALL CARPETING ELSEWHERE
- 12"x12" ACOUSTIC TILE CEILING IN PUBLIC AREAS
- STONE VENEER ON EAST, SOUTH, & WEST FACADES
- BRICK VENDOR ON NORTH FACADE

UNIVERSITY OF MINNESOTA

Gilkey Bioscience
Building Emergency Plan

Building 225-S
1654 West Essex,
St. Paul, MN

Information Desk Phone: 651-664-8750
Information Desk Email: info@umn.gilkey.edu

DRAGONEYE

Demo