WeatherCloud®

a fathym company

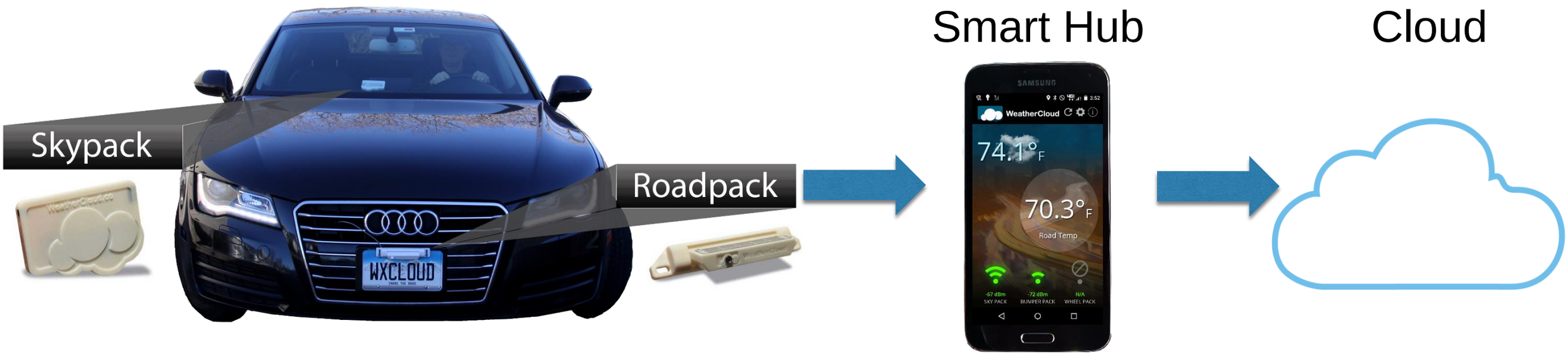
DRIVING WEATHER

WeatherCloud®
GroundTruth™

WEATHER AVL

On-vehicle sensors provide over 40 road, weather & vehicle data elements.

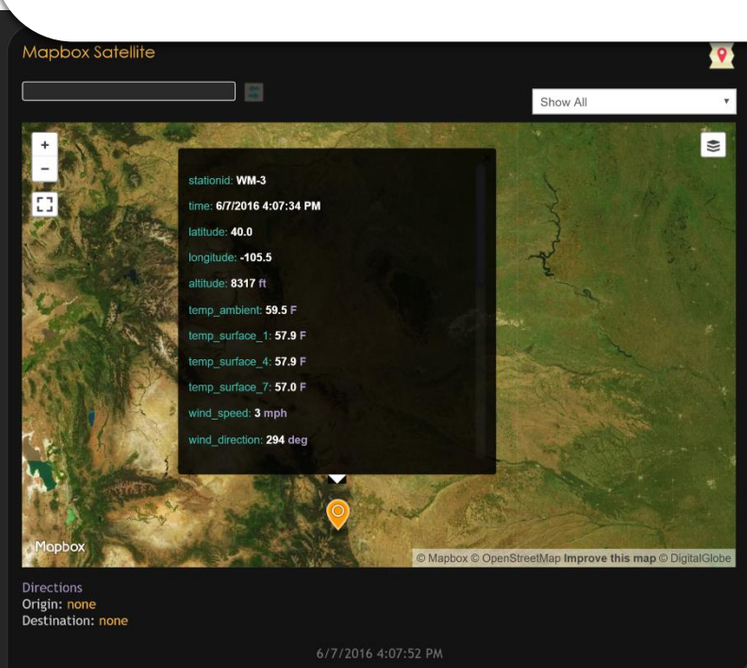
Data is sent to in-cabin Smart Hub & Ground Truth App, along with EWAS cloud apps.

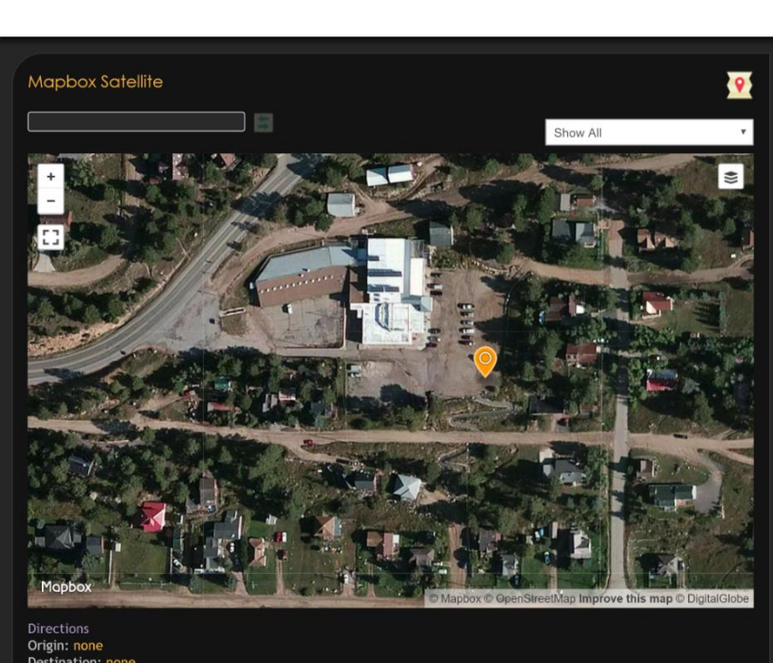


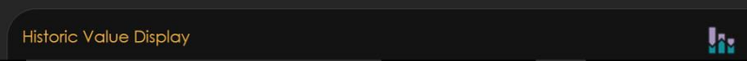
WeatherCloud®
GroundTruth™

WEATHERMESH

High-Density RWIS provides greater coverage at a tenth the cost of a traditional RWIS.







EWAS

ENVIRONMENTAL & WEATHER ANALYTICS SYSTEMS

Connected Vehicles

	vehicleid	time	latitude	longitude	speed	heading	diag_ble_status_bumper	diag_ble_status_sky
1	UDOT-1	12:18:39 PM	40.85886	-111.924477	0 mph	0 deg	0 status	0 status
2	AV-6	12:15:12 PM	42.69907	-83.2432861	0 mph	0 deg	1 status	1 status
3	AV-1	12:18:31 PM	33.6817322	-93.61325	0 mph	0 deg	0 status	1 status
4	CDOT-89	12:18:45 PM	39.51165	-106.203255	60 mph	334 deg	1 status	1 status
5	CDOT-50	12:17:19 PM	39.69227	-105.862587	0 mph	0 deg	1 status	1 status
6	UDOT-2	12:17:49 PM	40.3031044	-109.931076	0 mph	0 deg	1 status	0 status
7	CDOT-43	12:18:52 PM	39.7615967	-105.004921	11 mph	230 deg	0 status	1 status
8	IADOT-9	12:18:39 PM	42.49364	-92.45357	0 mph	0 deg	1 status	0 status
9	CDOT-5	12:18:46 PM	39.7836723	-105.013618	47 mph	271 deg	0 status	0 status
10	CDOT-4	12:14:21 PM	39.7759628	-105.158356	0 mph	0 deg	0 status	1 status
11	AV-4	12:18:47 PM	39.90302	-84.19197	0 mph	0 deg	1 status	1 status
12	AK-F	12:18:39 PM	64.8034744	-147.888229	0 mph	0 deg	1 status	1 status
13	CDOT-52	8:33:36 PM	40.5917778	-105.05143	0 mph	0 deg	0 status	1 status
14	AK-M	12:18:42 PM	64.8174438	-147.866821	0 mph	0 deg	1 status	1 status

6/23/2016 12:18:57 PM

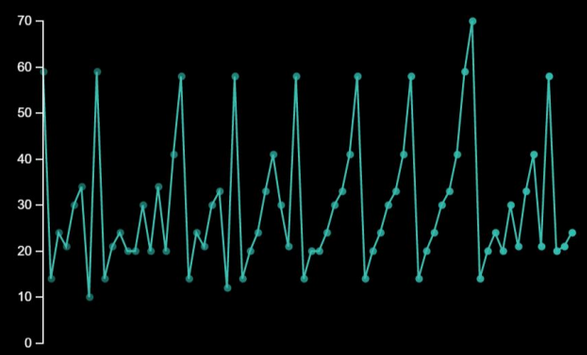
Inspector Display

vehicleid: **CDOT-43**
time: **6/23/2016 12:18:52 PM**
latitude: **39.7615967**
longitude: **-105.004921**
altitude: **5180 ft**
speed: **11 mph**
heading: **230 deg**
temp_vehicle_internal: **74.6 F**
irradiance_external: **230 uW/cm2**
precipitation_density_fftmaxbin: **610 -**
diag_ble_mac_bumper: **null MAC**
diag_ble_mac_sky: **00:07:80:05:91:AD MAC**
diag_ble_rssi_bumper: **0 dBm**
diag_ble_rssi_sky: **-75 dBm**
diag_ble_status_bumper: **0 status**
diag_ble_status_sky: **1 status**

6/23/2016 12:18:57 PM

humidity_external

min 0 max 70 auto



Oldest Messages <--- TIME ---> Newest Messages

Data Filters

6/23/2016 12:19:17 PM

Show All

Road Conditions
Origin: Denver, Colorado
Destination: Vail, Colorado

dry wet water/snow ice/snow

6/23/2016 12:19:17 PM

Altitude (m)

altitude

min 1600 max 1700 auto

Road Temp (Degrees C)

temp_road_pixel_4

min 0 max 60 auto

WeatherCloud®

HYPER-LOCAL ALERTS & WARNINGS

VIA EMAIL, SMS OR POST TO URL