



Mobileye's advanced driver assistance systems (ADAS) technology is deployed in **more than 50 million vehicles today** and is integrated into hundreds of new car models from the world's major automakers including Audi, BMW, FCA, Ford, General Motors, Honda, Hyundai, Kia, Nissan, Volkswagen, and more. Mobileye began with the vision of **reducing vehicle collisions and resulting injuries and fatalities**. Today, Mobileye makes one of the **most advanced collision avoidance systems** on the market, while working toward autonomous driving and the coming autonomous mobility-as-a-service (MaaS) revolution in road safety.



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Through extensive testing and user feedback the below List shows Mobileye specific codes that were found to be of value. These have been made available in the Geotab under Engine Status data. This is supported by G07s and higher devices.



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Mobileye tamper alert

Mobileye left lane departure warning

Mobileye right lane departure warning

Mobileye forward collision warning/UFCW

Mobileye headway monitor warning

Mobileye pedestrian collision warning



Ability to easily customize rules for reporting that feature Mobileye Alerts. Below is an example to help us generate a report to show when a FCW was alerted and there was a harsh brake



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Exception Rule Edit ?

Name Conditions Notifications

CONDITIONS

Add engine Add zone or zone type Add speed Add speed limit Add duration Add distance More... ↶ ↷

Status Data Diagnostic "Acceleration forward or braking" < -0.47 G and Status Data Diagnostic "Mobileye forward collision warning" > 0

ADVANCED CONDITIONS EDITOR

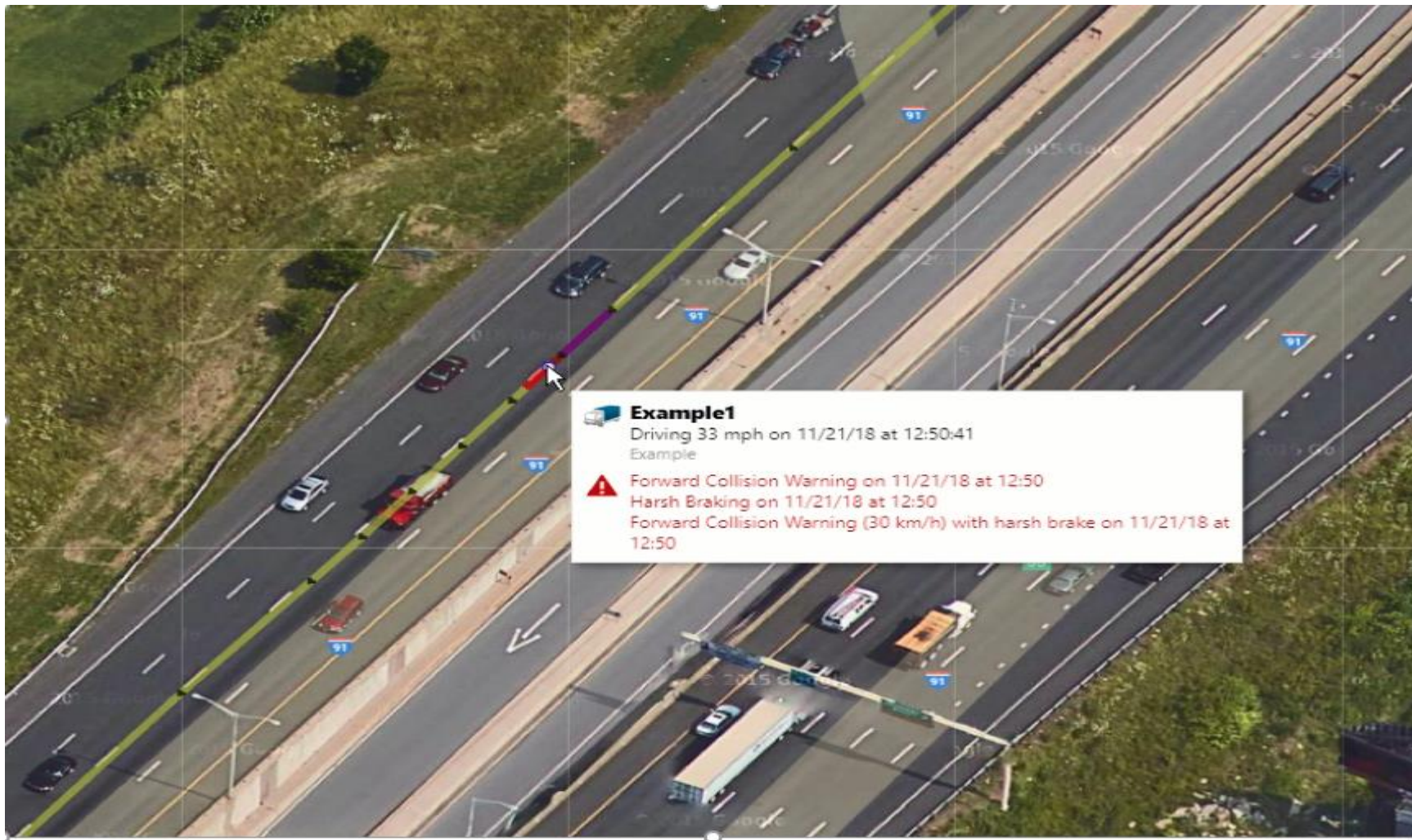
Use the advanced editor below to create custom conditions that combine different aspects of your vehicle, such as engine health, vehicle speed, and location. The rule that you create will be shown using specially formatted syntax.

```
And(  
  IsValueLessThan[value=-0.470089174182825G](  
    FilterStatusDataByDiagnostic[diagnostic=DiagnosticAccelerationForwardBrakingId]  
  ),  
  IsValueMoreThan[value=0](  
    FilterStatusDataByDiagnostic[diagnostic=abBKDCIkEGEiYqP0NJJe9wxA]  
  )  
)
```

//



FCW and Harsh Brake Example



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Ability to view trip history and see a visual where alerts are occurring



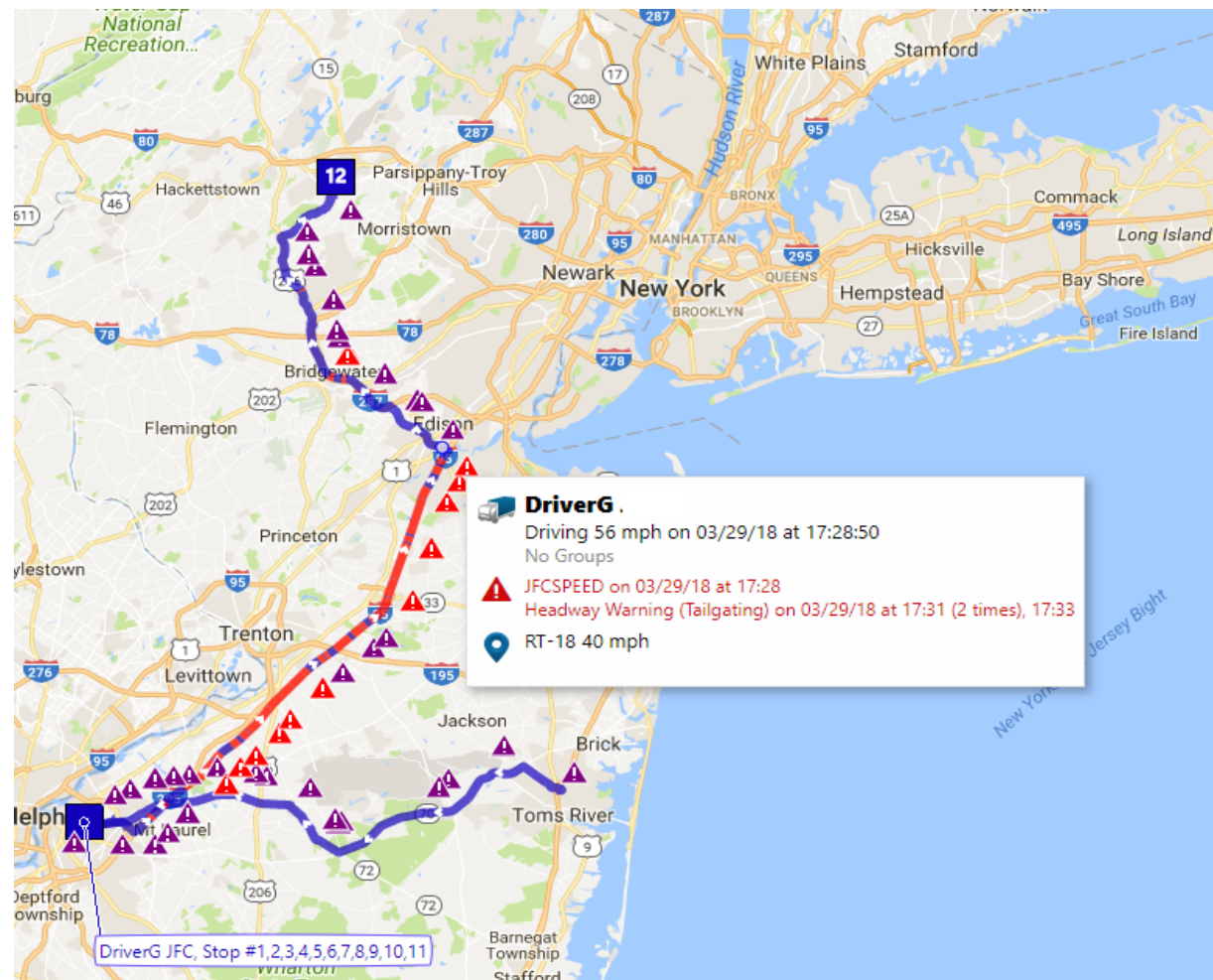
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Detail reporting of any rule created. With Location and time included.

| .Device.DeviceName | .Device.DeviceId | .Device.DeviceGroup | .ExceptionRule.ExceptionRuleName | ExceptionDetailLongitude | ExceptionDetailLatitude | ExceptionDetailLocation | Location.ZoneZoneTypes | Location.ZoneExternalReference | ExceptionDetailStartTime | ExceptionDuration | ExceptionDistance | ExceptionDetailExtraInfo | ExceptionDetailDetails |
|--------------------|------------------|---------------------|----------------------------------|--------------------------|-------------------------|---|------------------------|--------------------------------|--------------------------|-------------------|-------------------|--------------------------|------------------------------|
| Driver1 | bA6 | Entire Organization | Pedestrian Collision War | -74.37473297 | 40.53247833 | I-287, Edison, NJ 08817, USA | | | 02/03/2018 7:56:18 AM | 0:00 | 0.011775392 | Mobileye pedestrian c | Pedestrian Collision Warning |
| Driver2 | bA6 | Entire Organization | Pedestrian Collision War | -74.02283478 | 40.84308624 | 160-166 Bergen Turnpike, Ridgefield Park, NJ 07660, USA | | | 09/03/2018 3:10:01 PM | 0:00 | 0.011432504 | Mobileye pedestrian c | Pedestrian Collision Warning |
| Driver3 | bA6 | Entire Organization | Pedestrian Collision War | -73.97235107 | 40.83089828 | 1056-1064 River Rd, Edgewater, NJ 07020, USA | | | 26/03/2018 7:48:09 AM | 0:00 | 0.004621367 | Mobileye pedestrian c | Pedestrian Collision Warning |
| Driver4 | bA7 | Entire Organization | Pedestrian Collision War | -74.03051758 | 40.73838043 | 131 Washington St, Hoboken, NJ 07030, USA | | | 05/03/2018 12:15:38 PM | 0:00 | 0.006164017 | Mobileye pedestrian c | Pedestrian Collision Warning |
| Driver5 | bA7 | Entire Organization | Pedestrian Collision War | -73.99017334 | 40.83476639 | 799 Bergen Blvd, Ridgefield, NJ 07657, USA | | | 12/03/2018 5:34:59 PM | 0:00 | 0.009336395 | Mobileye pedestrian c | Pedestrian Collision Warning |
| Driver6 | bA7 | Entire Organization | Pedestrian Collision War | -73.9943924 | 40.81694794 | 306B Anderson Ave, Fairview, NJ 07022, USA | | | 30/03/2018 9:25:22 AM | 0:00 | 0.001664041 | Mobileye pedestrian c | Pedestrian Collision Warning |
| Driver7 | bA8 | Entire Organization | Pedestrian Collision War | -74.04062653 | 40.87516022 | 130-136 S River St, Hackensack, NJ 07601, USA | | | 28/03/2018 7:10:24 AM | 0:00 | 0.013130851 | Mobileye pedestrian c | Pedestrian Collision Warning |
| Driver8 | bAD | Entire Organization | Pedestrian Collision War | -74.00760651 | 40.8194046 | 142-154 Broad Ave, Fairview, NJ 07022, USA | | | 09/03/2018 11:31:58 AM | 0:00 | 0.012330907 | Mobileye pedestrian c | Pedestrian Collision Warning |
| Driver9 | bAA | Entire Organization | Pedestrian Collision War | -74.10393524 | 40.90024948 | 539-543 Lyster Ave, Saddle Brook, NJ 07663, USA | | | 13/03/2018 11:27:23 AM | 0:00 | 0.004323485 | Mobileye pedestrian c | Pedestrian Collision Warning |
| Driver10 | bAA | Entire Organization | Pedestrian Collision War | -74.02583313 | 40.78558731 | 1214 51st St, North Bergen, NJ 07047, USA | | | 28/03/2018 1:40:17 PM | 0:00 | 0.011727194 | Mobileye pedestrian c | Pedestrian Collision Warning |
| Driver11 | bAA | Entire Organization | Pedestrian Collision War | -74.09687042 | 40.89733124 | 1 Sampson St, Saddle Brook, NJ 07663, USA | | | 29/03/2018 5:08:37 PM | 0:00 | 0.01230431 | Mobileye pedestrian c | Pedestrian Collision Warning |
| Driver12 | bB4 | Entire Organization | Pedestrian Collision War | -84.26055908 | 33.69272232 | 3951-3961 Flat Shoals Pkwy, Decatur, GA 30034, USA | | | 28/03/2018 12:07:30 PM | 0:00 | 0.012729142 | Mobileye pedestrian c | Pedestrian Collision Warning |
| Driver13 | b10 | Embark | Pedestrian Collision War | -97.48958588 | 35.49050903 | 2125 Lottie Ave, Oklahoma City, OK 73111, USA | | | 02/03/2018 12:47:11 PM | 0:00 | 0.012079264 | Mobileye pedestrian c | Pedestrian Collision Warning |
| Driver14 | b10 | Embark | Pedestrian Collision War | -97.50351715 | 35.48252106 | 1319-1401 N Lincoln Blvd, Oklahoma City, OK 73104, USA | | | 02/03/2018 12:56:32 PM | 0:00 | 0.006727934 | Mobileye pedestrian c | Pedestrian Collision Warning |
| Driver15 | b10 | Embark | Pedestrian Collision War | -97.57396698 | 35.42072296 | 3277-3299 SW 44th St, Oklahoma City, OK 73119, USA | | | 02/03/2018 5:35:18 PM | 0:00 | 0.006893773 | Mobileye pedestrian c | Pedestrian Collision Warning |
| Driver16 | b10 | Embark | Pedestrian Collision War | -97.49534607 | 35.48239517 | 913 NE 13th St, Oklahoma City, OK 73105, USA | | | 15/03/2018 2:09:04 PM | 0:00 | 0.000885292 | Mobileye pedestrian c | Pedestrian Collision Warning |
| Driver17 | b10 | Embark | Pedestrian Collision War | -97.64523315 | 35.47880936 | 7536-7540 NW 10th St, Oklahoma City, OK 73127, USA | | | 16/03/2018 2:41:29 PM | 0:00 | 0.008555399 | Mobileye pedestrian c | Pedestrian Collision Warning |
| Driver18 | b10 | Embark | Pedestrian Collision War | -97.646492 | 35.47875977 | 7564-7568 NW 10th St, Oklahoma City, OK 73127, USA | | | 16/03/2018 5:37:12 PM | 0:00 | 0.011481849 | Mobileye pedestrian c | Pedestrian Collision Warning |
| Driver19 | b10 | Embark | Pedestrian Collision War | -97.52230072 | 35.47717285 | 520 NW 9th St, Oklahoma City, OK 73102, USA | | | 16/03/2018 6:05:55 PM | 0:00 | 0.002637464 | Mobileye pedestrian c | Pedestrian Collision Warning |
| Driver20 | b10 | Embark | Pedestrian Collision War | -97.56443787 | 35.53648758 | 2850-2874 NW 63rd St, Oklahoma City, OK 73116, USA | | | 20/03/2018 9:27:40 AM | 0:00 | 0.004632438 | Mobileye pedestrian c | Pedestrian Collision Warning |
| Driver21 | b10 | Embark | Pedestrian Collision War | -97.54773189 | 35.47478579 | 19991 Sycamore Blvd, Oklahoma City, OK 73109, USA | | | 22/03/2018 9:54:55 AM | 0:00 | 0.005479252 | Mobileye pedestrian c | Pedestrian Collision Warning |

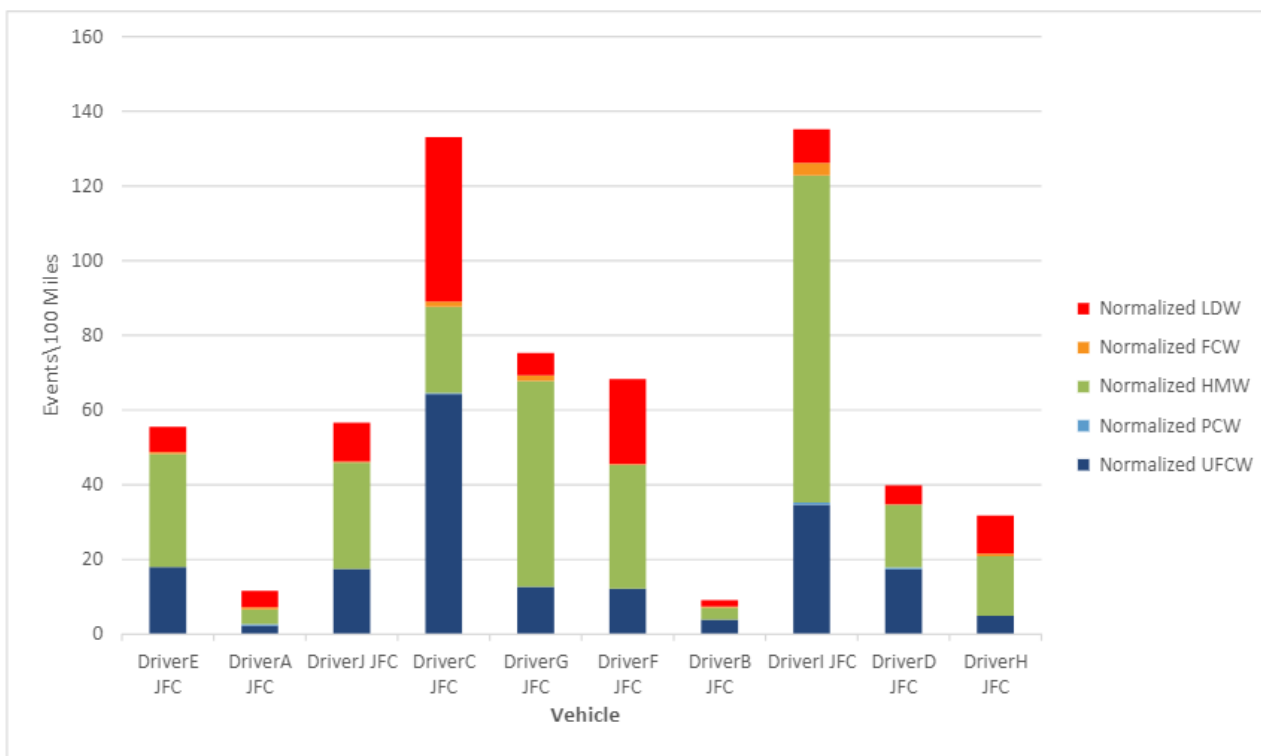
Geotab built in Dashboard easily identify unsafe driving habits

Created Mar 30, 2018

From Mar 15, 2018

To Mar 30, 2018

| Name | Normalized UFCW | Normalized PCW | Normalized HMW | Normalized FCW | Normalized LDW |
|---------|-----------------|----------------|----------------|----------------|----------------|
| DriverE | 17.99261825 | 0 | 30.21906111 | 0.515097633 | 6.779709974 |
| DriverA | 2.30429382 | 0.460811315 | 3.874061475 | 0.586979011 | 4.395358726 |
| DriverJ | 17.45162933 | 0 | 28.44790011 | 0.312124296 | 10.40419514 |
| DriverC | 64.30533493 | 0.300222547 | 23.07964067 | 1.375607722 | 44.06299231 |
| DriverG | 12.73118076 | 0 | 55.12207183 | 1.479787163 | 5.96686687 |
| DriverF | 12.1986699 | 0 | 33.10209438 | 0.287344569 | 22.69312528 |
| DriverB | 3.986769735 | 0 | 3.130824844 | 0.319471923 | 1.623440878 |
| DriverI | 34.61475721 | 0.60602216 | 87.5983653 | 3.384303421 | 8.988895554 |
| DriverD | 17.39371134 | 0.417149573 | 16.81453424 | 0.191074253 | 5.089640882 |
| DriverH | 4.886947639 | 0 | 15.97454424 | 0.805439205 | 10.11273701 |



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