SYRUS APIs

Adding Real-time actionable telematics
for Mobileye® Integrations

35
PEDESTRIAN IN DANGER ZONE

NUMBER OF EVENTS

396 · 350 · 300 · 250 · 200 · 150 · 100 · 50 · 0

LEFT LANE DEPARTURE WARNING · RIGHT LANE DEPARTURE WARNING · FORWARD COLLISION WARNING · MOBILEYE FAILSAFE · PEDESTRIAN IN DANGER ZONE · MOBILEYE SPEEDING · MOBILEYE HEADWAY WARNING · BRAKES ON · WIPERS ON · HIGH BEAMS · TIME SIGNAL

VEHICLE: M2M PICKUP GL450 MOBILEYE

FROM:	TO:	TOTAL DAYS	MOBILEYE EVENTS	AVERAGE EVENTS	AVERAGE DELAY
MAY 01, 2016	MAY 13, 2016	13	739	56 EVENTS PER/DAY	

SYRUS 3G

100 KM/H

2.0 Sec

Mobileye®

Simple API calls with Extraordinary Results

SYRUS Embedded intelligence provides full API interaction to Mobileye® deployments. Data can be used to graph tendency based on the number of incidents, control the use of a vehicle or interact with other connected sensors thanks to SYRUS edge computing & actionable configuration.

Get Ready to automate your fleet

Contact our specialists at:
sales@digitalcomtech.com

Advanced Reports & Apps

Available on

SYRUSMART

Managed by

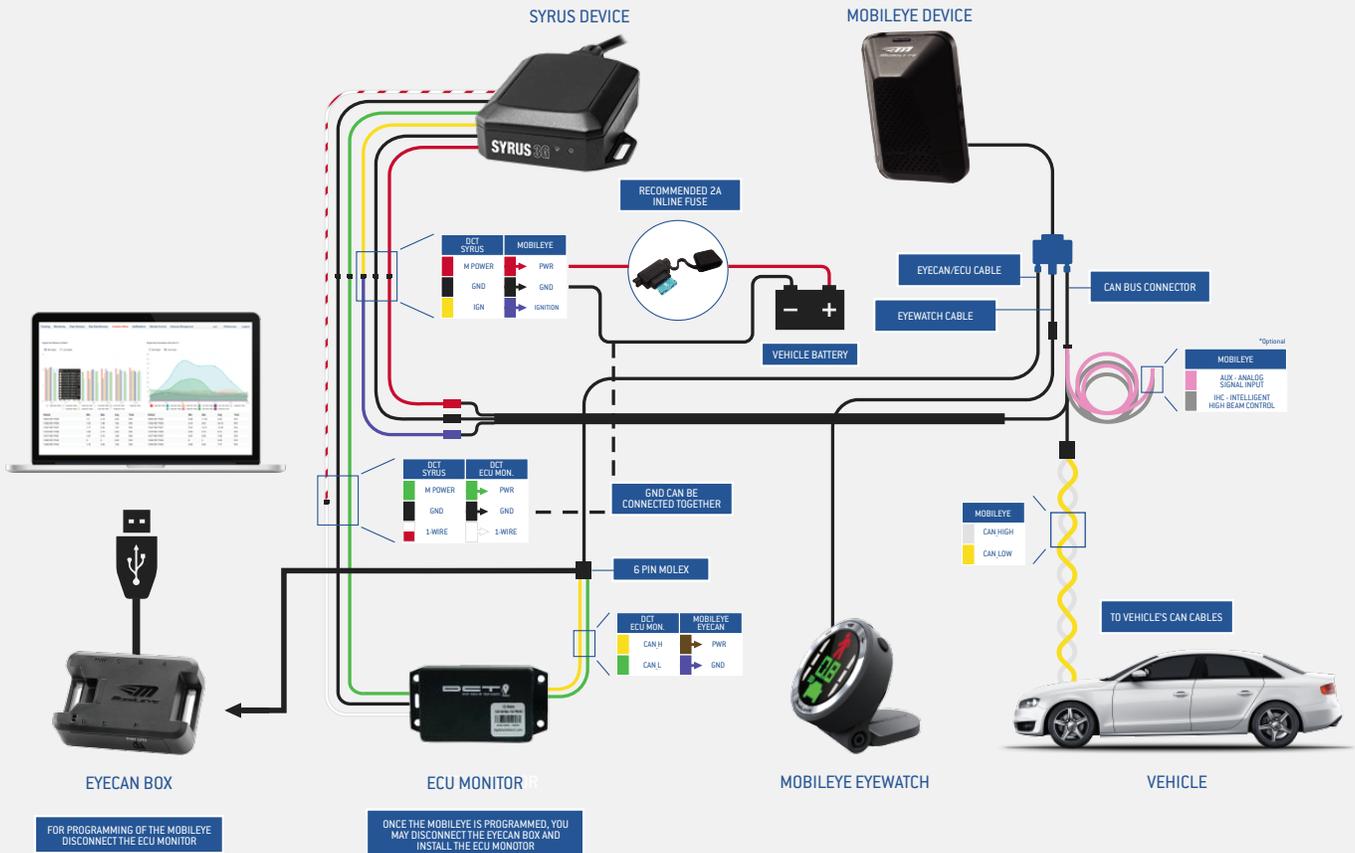Pegasus GATEWAY

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DCT
ACTIONABLE TELEMATICS

1 Connect Mobileye® to SYRUS

Empower your Mobileye® integrations with up to 20 SYRUS fix signals and 25 parameters extended tag. SYRUS fix signals are boolean and can be combined with the SYRUS Event Engine to create Advanced Logic with truly Actionable Telematics.

SYRUS DEVICE

MOBILEYE DEVICE

RECOMMENDED 2A INLINE FUSE

DCT SYRUS	MOBILEYE
M POWER	PWR
GND	GND
IGN	IGNITION

EYECAN/ECU CABLE

CAN BUS CONNECTOR

EYEWATCH CABLE

VEHICLE BATTERY

*Optional

MOBILEYE	
	AUX - ANALOG SIGNAL INPUT
	IHC - INTELLIGENT HIGH BEAM CONTROL

DCT SYRUS	DCT ECU MON.
M POWER	PWR
GND	GND
1-WIRE	1-WIRE

GND CAN BE CONNECTED TOGETHER

MOBILEYE	
CAN HIGH	
CAN LOW	

6 PIN MOLEX

TO VEHICLE'S CAN CABLES

DCT ECU MON.	MOBILEYE EYECAN
CAN H	PWR
CAN L	GND

EYECAN BOX

ECU MONITOR

MOBILEYE EYEWATCH

VEHICLE

FOR PROGRAMMING OF THE MOBILEYE DISCONNECT THE ECU MONITOR

ONCE THE MOBILEYE IS PROGRAMMED, YOU MAY DISCONNECT THE EYECAN BOX AND INSTALL THE ECU MONOTOR

2 Select SYRUS Specialized Configuration

Choose from advanced configurations that can be customized to meet the most demanding fleet tracking and mobile asset management operations. DCT offers complete business models available on SYRUSMART, Managed by SYRUS Pegasus Gateway and Powered by M2MCloud Connect.
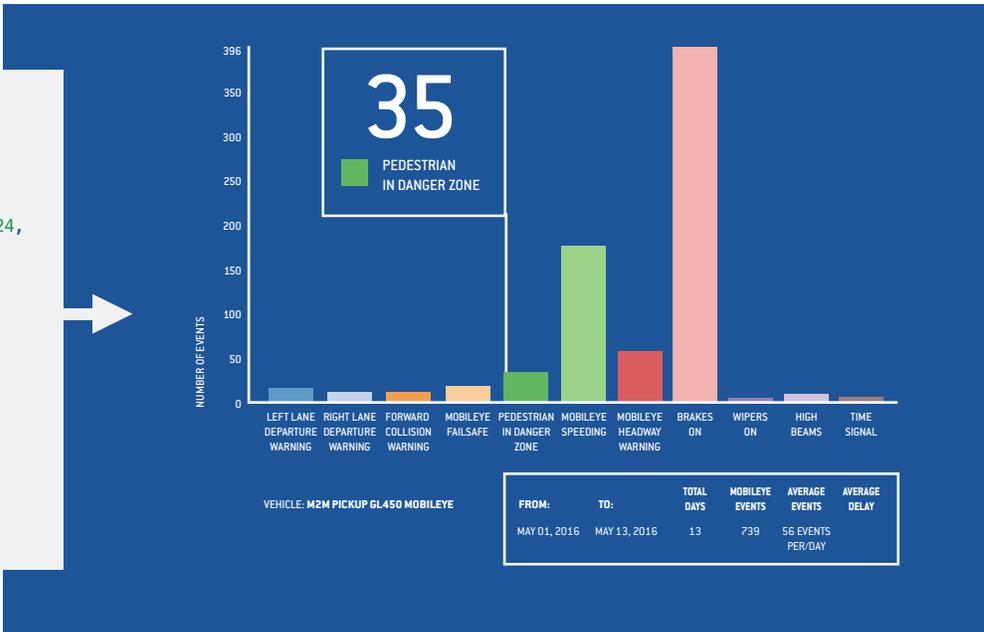
3 Build specialized Reports and Apps with SYRUS advanced APIs

Empower your Mobileye® data with SYRUS REST APIs and expand your Fleet Intelligence with actionable telematics computed on the edge. SYRUS can also interact with multiple sensors and accessories providing infinite possibilities to your Apps.

DCT
ACTIONABLE TELEMATICS

Simple API calls with Extraordinary Results

From Device Advanced Data to Structured Reports

```
{
    "left_lane_departure_warning_count": 12,
    "right_lane_departure_warning_count": 9,
    "forward_collision_warning_count": 9,
    "pedestrian_forward_collision_warning_count": 24,
    "pedestrian_danger_count": 35,
    "speed_above_limit_indicated_count": 172,
    "head_way_warning_count": 61,
    "brakes_used_count": 396,
    "wipers_activated_count": 5,
    "high_beams_activated_count": 9,
    "aggressive_lane_change_count": 7,
    "ignition_time_minutes": 20.32,
    "distance_traveled_mile": 14.78,
    "event_time":"2016-05-29T00:00:00"
}
```

35 PEDESTRIAN IN DANGER ZONE

NUMBER OF EVENTS

LEFT LANE DEPARTURE WARNING	RIGHT LANE DEPARTURE WARNING	FORWARD COLLISION WARNING	MOBILEYE FAILSAFE	PEDESTRIAN IN DANGER ZONE	MOBILEYE SPEEDING	MOBILEYE HEADWAY WARNING	BRAKES ON	WIPERS ON	HIGH BEAMS	TIME SIGNAL

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Build Advanced Reports & Apps In Minutes

Syrus API's

Embedded Intelligence

- More than 300 advanced parameters
- More than 600 advanced functions
- Multiple counters
- Multiple speed limits
- Multiple accesories
- Multiple thresholds
- Multiple geofences
- Multiple trigger events
- Multiple plugins
- Advanced remote functions
- User defined reports
- Advanced configurations

Select vehicles / groups

Define date / time window

`https://.../api/rawdata?groups=500$basic&labels=mbly*&from=2016-04-01&to=2016-05-01`

API call type

Define parameters

DCT ACTIONABLE TELEMATICS