

More than just any Adventure
introducing

Eventures™

The **E**lectric **V**ehicles **E**volution **EVE™**

EVE's patented intelligent autonomous technology understands that each vehicle
requires its own level of **Artificial Intelligence**.

This intelligence works with other intelligent vehicles, infrastructure and
pedestrians.

HeadsUp

The layer above the smart vehicle.

'HeadsUp' is about your driving safety.

'HeadsUp' sends and receives a 'HeadsUp' directive from surrounding vehicles.

We are entering a world of smarter vehicles that are all connected today by way of the Internet or the new V2V 5.9 GHz communications chip in each new vehicle.

Each year 90 + million new vehicles hit the roads worldwide, with about 1.2 billion on the road today.

Considering the growth and demand for smart vehicles, there is a need for more organized interaction.



HeadsUp

The layer above the smart vehicle.

Today vehicles can sense the proximity of vehicles that are directly around it.



Much more sophisticated than the adaptive cruise control systems.

From this near collision it looks like this smart vehicle did not know this vehicle to its left needed to exit the road ahead to the right.



Considering the growth and demand for smart vehicles, more AI organized interaction is crucial.

How will one smart vehicle know what the next smart vehicle has set in the navigation system and what lane and speed is best ?

HeadsUp

The layer above the smart vehicle.

For example, a vehicle in the center lane, of a three-lane highway would be alerted to the fact that the vehicle on its left side, in the left lane, is being directed to exit at the upcoming exit on the right.



With that information, the driver of the vehicle in the center lane may be directed with a HeadsUp to speed up or slow down to avoid a collision with the vehicle to its left being directed to exit at the upcoming exit on the right.

HeadsUp

The layer above the smart vehicle.

Another example, a vehicle in the left lane is being directed to exit at the upcoming exit on the right and would like to enter an empty center lane of a three-lane highway.

In the far-right lane a vehicle would like to enter the empty center lane.



With this HeadsUp information, the driver of the vehicle in the right lane may be directed to speed up or slow down to avoid a collision with the vehicle to its far left (in red) that is being directed to exit to the right, by entering the center and then the right lane ahead.

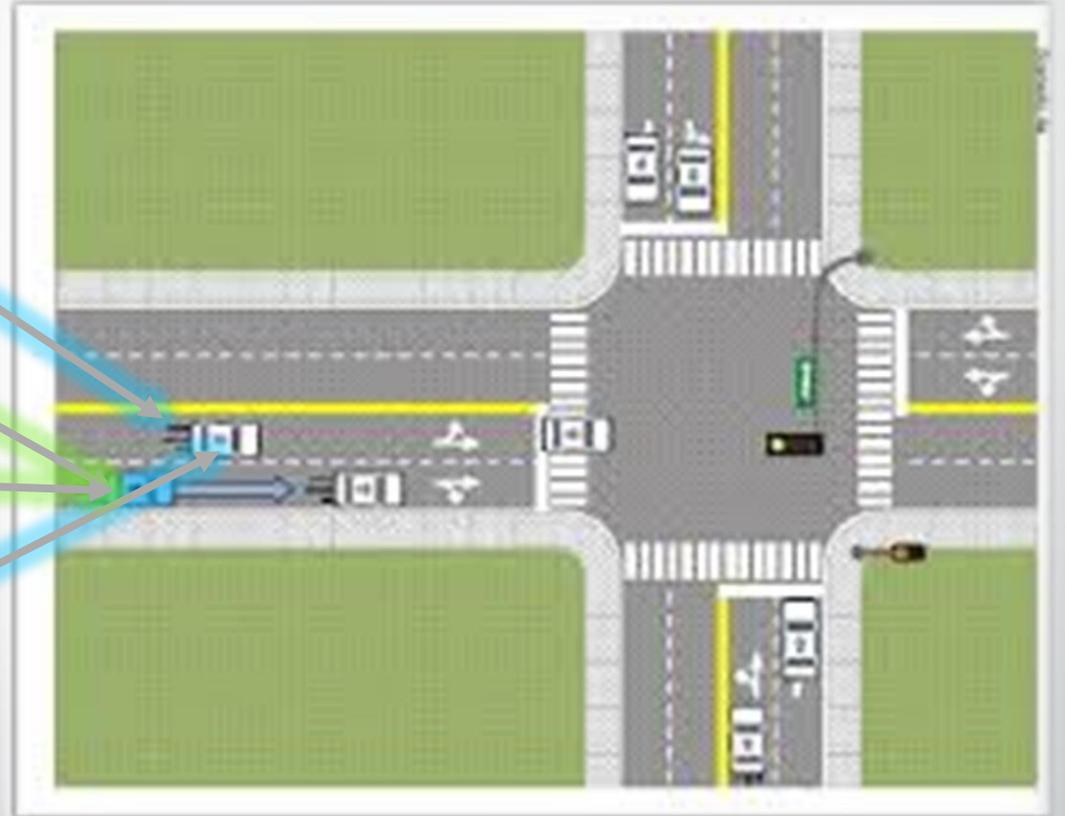
HeadsUp

The layer above the smart vehicle.

Another example, a vehicle in the left lane is being directed to turn right at the upcoming intersection.

In the right lane a vehicle would like to proceed ahead in this lane.

This vehicle is now directed with a HeadsUp directive to speed up or slow down to avoid a collision with the vehicle to its left, that is being directed to turn right at the upcoming intersection.

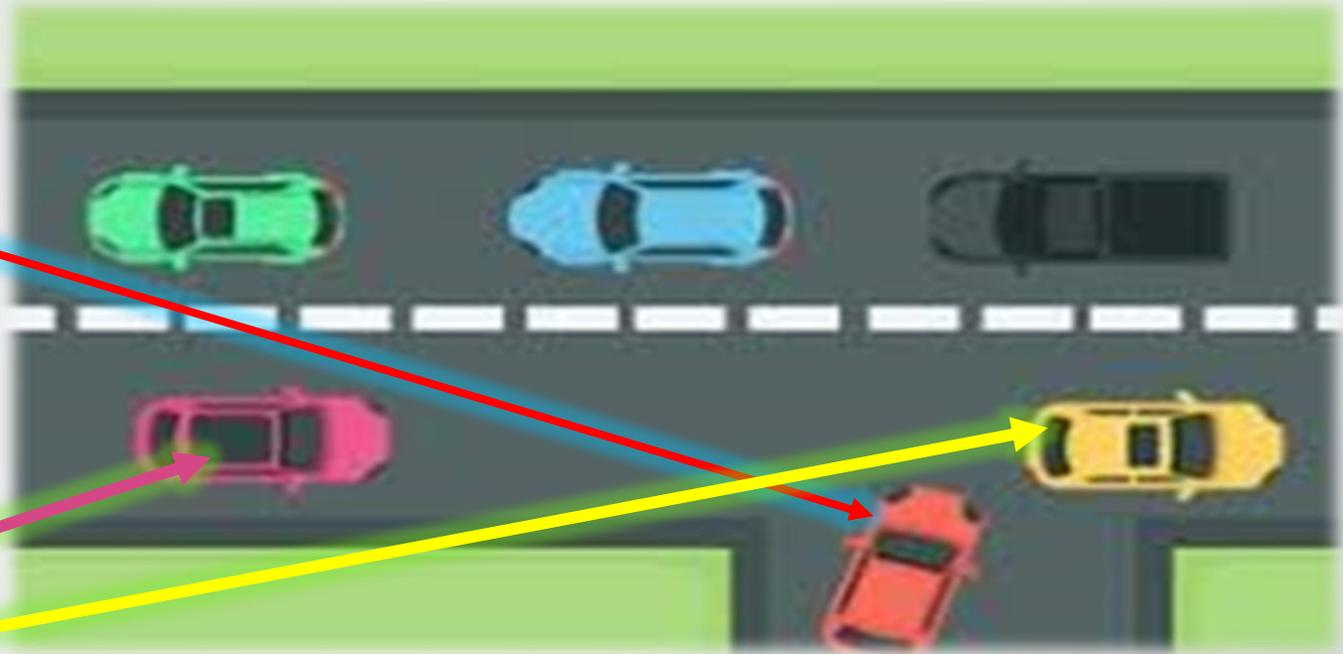


HeadsUp

The layer above the smart vehicle.

Another example, a vehicle is being directed to turn right at the upcoming intersection, with no cross street.

The drivers receive directives based on advanced knowledge that a close-by vehicle will be exiting/entering at the next crossroad, making a right or left turn on this local road.



With this HeadsUp information, the drivers of the vehicle in the left & right lanes may be directed to speed up or slow down to avoid a collision with the vehicle being directed to enter this road which is not in the driver's field of vision.

HeadsUp

The layer above the smart vehicle.

The HeadsUp system is the **layer above the smart vehicle** that analyzes three factors:

- ✓ calculating the position/speed of adjacent vehicles;
- ✓ having inter-vehicle communications;
- ✓ sharing near-term navigation directives among proximate vehicles.

This gives each proximate vehicle additional information beyond just real-time sensing data thus adding another level of predictability and accident prevention.



More than just any Adventure !
Introducing
Eventures™

HeadsUp The layer above the smart vehicle.

While most if not all auto makers and Tier 1 suppliers are focusing on the parts for the best “Smarter vehicle”, they have neglected the, what’s next.

Now that all these vehicles are so smart, HeadsUp will act as the integrated interaction component.

HeadsUp works as an App plugin for vehicle navigation systems or a stand-alone App.



US Patent # 10392012 <https://patents.justia.com/patent/10392012>