BellaDati

BellaDati Pay how you drive

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Design of functionalities

BellaDati
e-mail: sales@belladati.com

Connected Car Solution for Vehicle Insurance Company

What is Insurance Telematics?

Telematics is a wireless technology that delivers safety service & vehicle information, presents auto insurers with a significant opportunity to create new value. By using the technology's ability to transmit precise data on vehicle location & driving behavior in near real time, insurers can de-average pricing models, capture a greater share of low-risk drivers, cut the costs of managing claims, and enhance the overall consumer experience. BellaDati's Telematics solution includes a device to be connected to the car (installed by the car owner, no car repair center visit is required), a web based telematics software, and a smartphone application for the users to track and receive alerts from the car.

Winning with Insurance Telematics

What benefits insurance company can get from BellaDati Pay how you drive solution?

1.   Cut the cost of managing claims, maximize the profits by innovated risk management

- By analyzing real driving data (mileage, driving time period & dangerous driving behavior) of drivers, insurance company can know the actual risk level of customers, adjust insurance premium accordingly, and choose a great amount of low-risk customers.
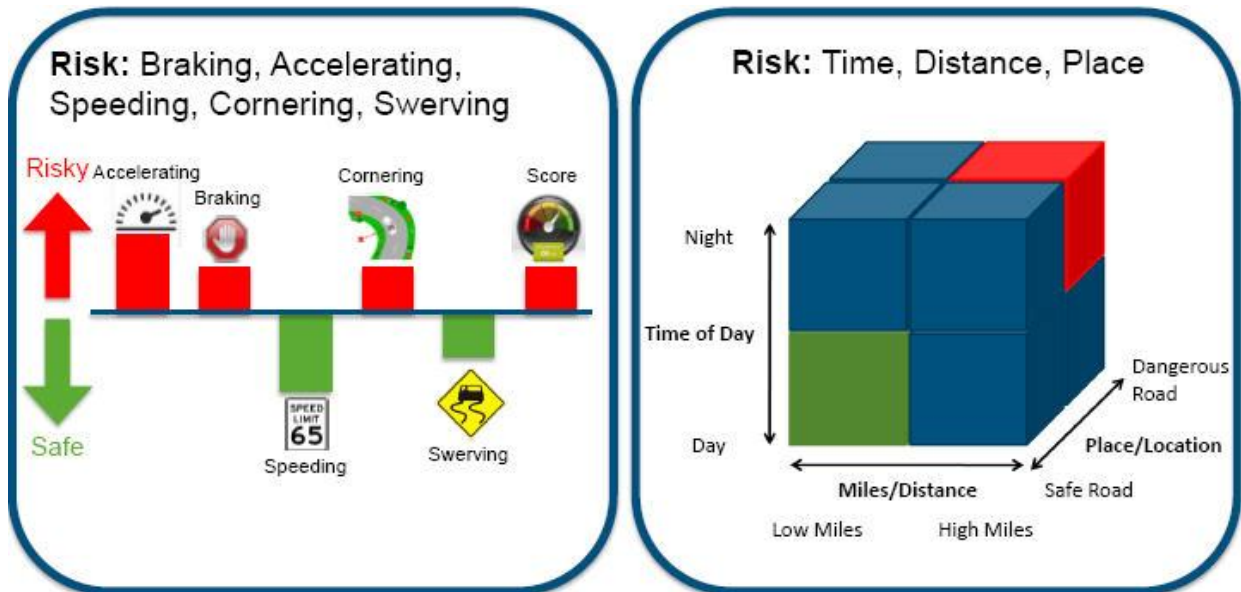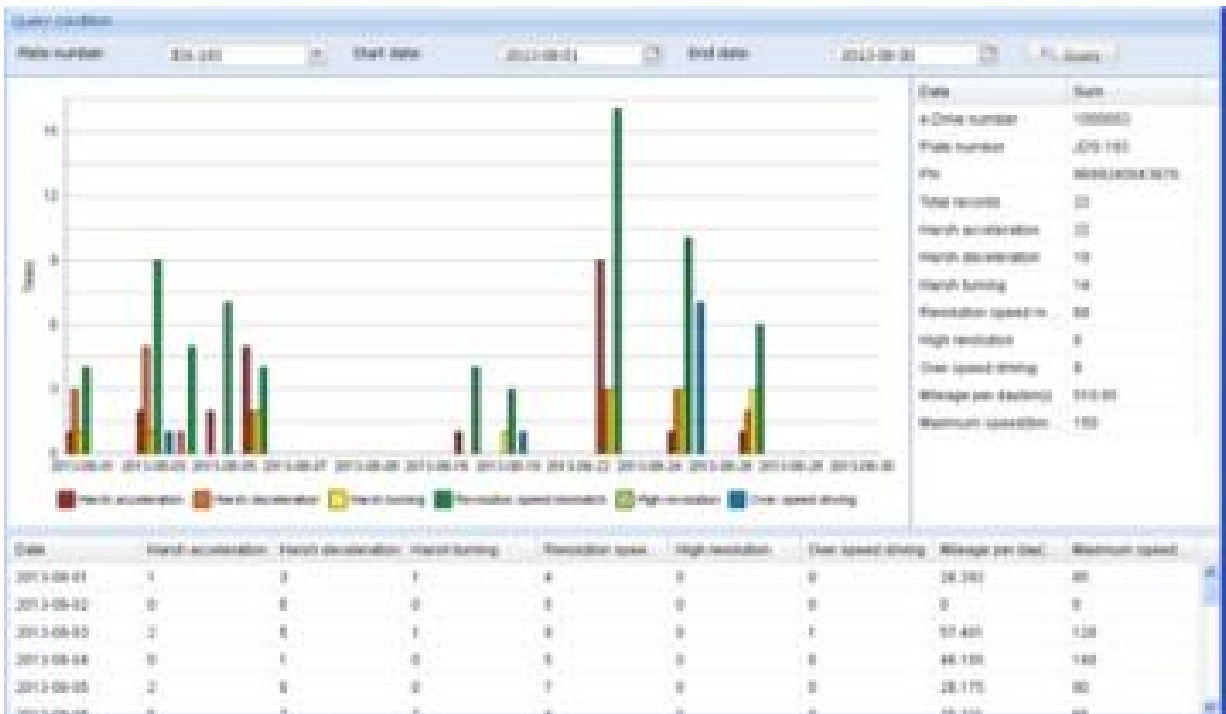
- By providing safety service, theft preventing, insurance company can increase safety level of customers, so as to lower the risk actively. This is unlike traditional risk management just waiting for real risk happen.

- By collecting near real time vehicle information, insurance company can notice an accident at the first time, provide more accurate accident investigation, prevent insurance fraud, & provide possible road side assistant.

2. Increase sales by providing value-added service to vehicle insurance customers

- Customers can get value-added service, such as: theft preventing, road side assistant, maintenance reminder. By providing differential service, insurance company can improve competitive power & increase market share.

- For logistic vehicles, government/enterprise fleets & other industries, customers can get fleet management applications which are compulsive requirements, this would be very attractive.

- By these new value & services, insurance company can bind customers more tightly, increase customer loyalty.

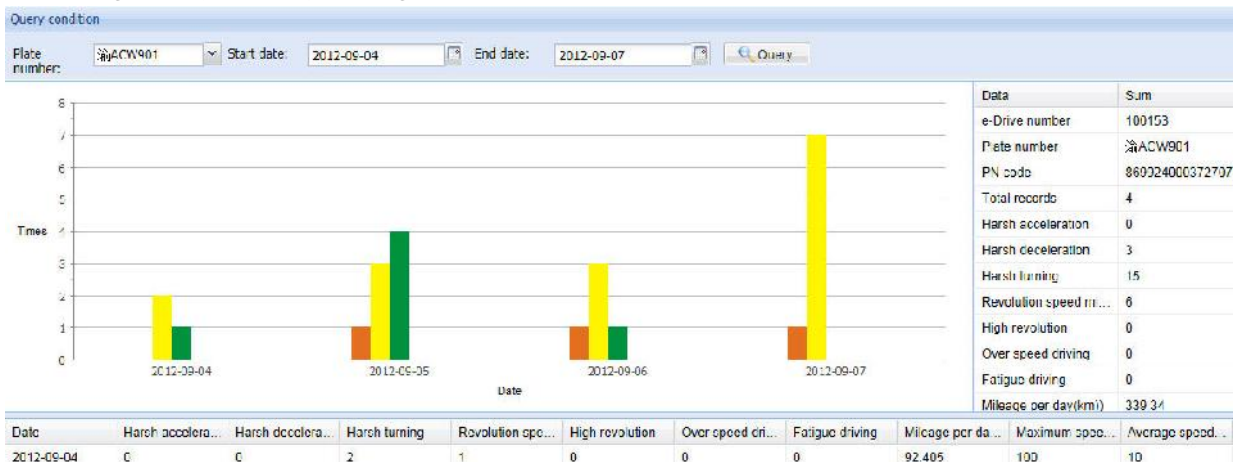3. Other applications for insurance company, such as: insurance/payment management

BellaDati Pay how you drive has many special features to help insurance company to reach these goals:

3.1 Driving behavior analyzing & optimization

In driving statistics, you can analyze all vehicles' daily/monthly driving behavior: harsh acceleration, harsh deceleration, harsh turning, revolution mismatch speed, high engine revolution, over speed, fatigue driving:

You can get daily/monthly driving behavior chart of vehicle:

Data	Sum
e-Drive number	100153
Plate number	ACW901
PN code	860024000372707
Total records	4
Harsh acceleration	0
Harsh deceleration	3
Harsh turning	15
Revolution speed m...	6
High revolution	0
Over speed driving	0
Fatigue driving	0
Mileage per day(km)	339.34

Date	Harsh accelera...	Harsh decelera...	Harsh turning	Revolution spe...	High revolution	Over speed dri...	Fatigue driving	Mileage per da...	Maximum spee...	Average speed...
2012-09-04	0	0	2	1	0	0	0	92.405	100	10

Insurance companies can get reports & evaluate all customers' driving behavior, daily/monthly driving score to analyze the insurance premium rate of customers. When vehicles have dangerous driving behavior, such as over speed driving, fatigue driving, system can send alarm information to driver's smart phone, so that the traffic accident rate will be decreased.

For vehicle/fleet owners, they can get all their driving behavior details, adjust bad driving habit, optimize their driving to save fuel cost & improve vehicle safety level.

Currently measured elementary attributes:
- Km,
- Acceleration (3D),
- Engine revolution,
- Gear status,
- Overspeed against speed limits,
- Length of driving time.

3.2 Remote diagnosis

In fault statistics, every vehicle's fault code will be recorded with description & solution. Insurance company can know the health condition of all customers' cars. When there is an important fault code, insurance company can remind vehicle owners. This will improve safety & reduce the risk of insurance compensation.

3.3 Accident detection & rescue

When vehicle rollover or has an impact, system will generate alarm. Insurance company can notice an accident at the first time, get accident information & provide possible rescue service. Driver can also press "one-key-call" for rescue.

When vehicle is in protection status, there will be vibration alarm & illegal start-up alarm. This will prevent theft of vehicles, & then reduce the risk of insurance compensation.

These features are needed by both insurance company & car owners. Such value added service will be very attractive to vehicle insurance customers, so that increase the sales of vehicle insurance.
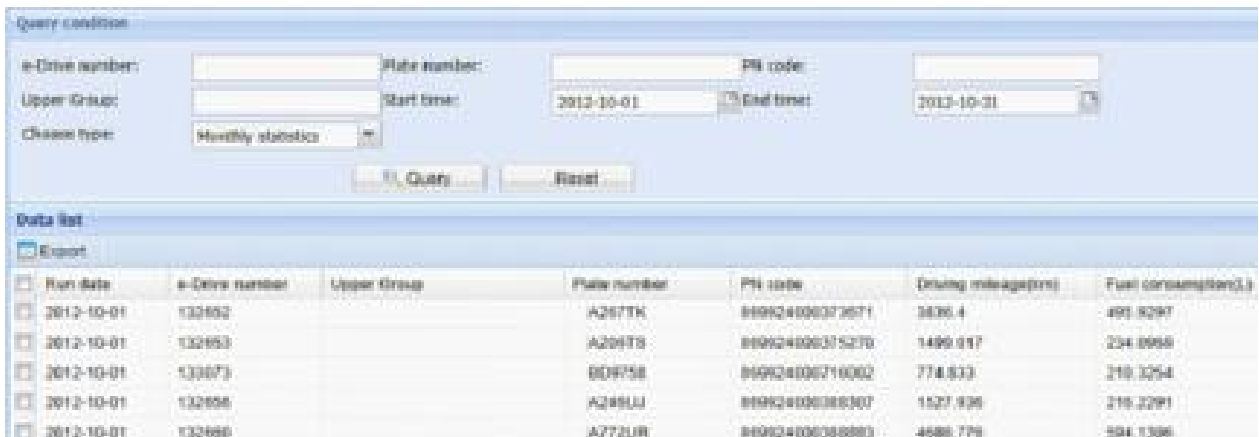
3.4 Mileage/Fuel consumption report

In Mileage/Fuel consumption statistics, you can see all vehicles' daily/monthly mileage & fuel consumption:

Insurance companies can adjust insurance premium rate according to driving mileage.
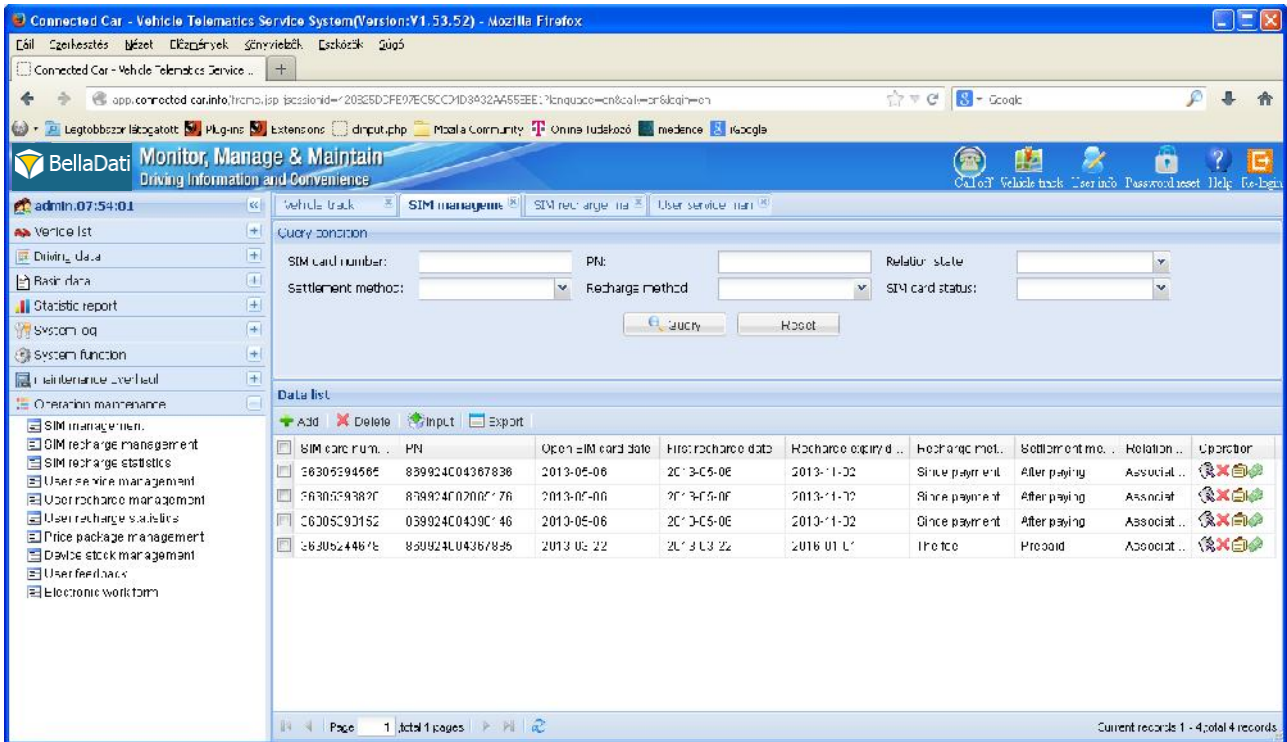
Fleet owners can get their fleet vehicles' mileage & fuel consumption information, so as to adjust their driver's work to save fuel cost.

3.5 Easy installation, plug-and-play
The connected car device is a plug-and-play terminal, no need for installation, there will be no installation & maintenance fee, just a service fee. Also, it will not affect original circuit of vehicles, so that customers are willing to install.

3.6 Insurance, payment management

You can manage all customers' insurance, payment, & remind customers for next payment.

Other applications can also be added according to Insurance Company's requirements