

## **Source from cps.com** 2<sup>nd</sup> Smart Traffic Auditorium: Smart Technologies Keep Trips Safe

Along with the increasing vehicles in China, traffic accidents occur frequently which is difficult to solve. Owing to the traffic transportation as a high-risk industry, it's required to focus on national education, traffic construction plan, industrial management and technological application to keep people's lives and financial properties safe.

On the morning of August 23th, 2013, to popularize the knowledge about smart traffic, 2<sup>nd</sup> Smart Traffic Auditorium hosted by Shenzhen Municipal Government and Shenzhen Traffic Committee was successfully in Shenzhen Municipal Industrial Exhibition Hall, which 100 residents and 50 security experts carefully participates in.



M. Li Xia, the vice-president of Shenzhen Smart Traffic Industrial Association, host the forum

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M. Jia Lieke, the chief of Shenzhen municipal emergency management office publicity and training division, made the opening speech.

This forum was host by M. Li Xia, the vice-president of Shenzhen Smart Traffic Industrial Association. Firstly, M. Jia Lieke, the chief of Shenzhen municipal emergency management office publicity and training division, made the opening speech. Secondly, Dr. Cai Wenhai, the director of Shenzhen Traffic Research Institution Center of Beijing Traffic University, M. Guo Zechen, the marketing director of Shenzhen Hongdian Technology Co., Ltd, Ms. Cai Mao, the assistant president of Anxin-China, and et al, presented lectures about their own familiar industrial topics respectively, which hit the audiences and experts on site.

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Dr. Cai Wenhai, the director of Shenzhen Traffic Research Institution Center of Beijing Traffic University, presented the lecture on site.

Dr. Cai Wenhai, the director of Shenzhen Traffic Research Institution Center of Beijing Traffic University, presented the lecture called *the application study in internet-of-things and Smart traffic safety management*, with an aim at illustrating the layout plan of new smart traffic trend.

Specifically, he emphasized that the idea of smart traffic had been the prior development target in domestic traffic transportation industry. According to the twelfth five development plan in the traffic transportation industry, the goal of traffic construction was to keep the ship transportation safe, and to form a perfect full-time water transportation safety surveillance system and maritime information service system with fast response. Moreover, the modern traffic management technology system had been installed in half of 2,300 cities in China. In the twelfth five planning period, urban traffic command centers would be built in more than 200 large and medium cities. In detail, the urban smart traffic system was worthy of 45 billion RMB investment, high road urban smart traffic system worthy of 35 billion RMB investment, and other kinds of smart traffic system

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worthy of 30 billion RMB investment totally. Anyway, the State traffic department also started up a new strategic study plan on smart traffic system, and applied the internet-of-things technology to promote the modern traffic transportation strategy study.



Numerous industrial experts participated in 2013 Shenzhen Smart Traffic Auditorium

Herein, internet-of-vehicles is the major study them of the traffic department, with an emphasis on the safety of car trip. In detail, specialists analyzed such a new smart traffic system and then suggested to apply the cloud computing to combine all resources servers to provide the perfect service. The point is that tracking the vehicles driving outside can keep them under a completely safe circumstance with embodying the traffic advantage. Anyway, in the times of cloud computing and big data, information can provide clients, including corporations and governmental departments, with information collection, location information, ground sensor information and video surveillance information. Whereas, the solitary problem to be solved is that which sensor of touch device should be confirmed for the reason that the internet-of-vehicles will use the sensor of touch device to send the vehicle information into the ground, to realize the communication

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between vehicles and people, with presenting the advantage of smart driving.



M. Cai Mao presented the lecture on the applications of smart video in traffic management.

The theme being defined as "smart technologies keep trips safe", Ms. Cai Mao, the assistant president of Anxin-China, presented a lecture about the development conditions of smart city and traffic, the application of iVAS in the traffic area, intelligent vehicle management as well as the successful cases of iVAS, and made a sincere interactive communication with the audiences. Here, this activity with a rather high atmosphere was well received by numerous governmental leaders and industrial specialists.

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M. Guo Zechen, the marketing director of Shenzhen Hongdian Technology Co., Ltd , presented the lecture, the traffic security of vehicles visualization management.

Then, Guo concluded various issues existing in the present traffic vehicle management circumstance. Actually, the internet-of-vehicles technology can effectively supervise the vehicles over-speed, tired driving, overloading, driver breaking rules, good overloading, while the smart video can realize the driver identity recognition, tired people's driving, and customer counting. Thus, the visualized management can make a great contribution to the traffic safety on the roads.

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M. Ye Sihua, the minister of Information Technology Department of Shenzhen Yunfa Group, presented the lecture, *information technology protects passage transport on the road*.

And then, Ye drew into the topic about information technology protects passage transport on the road. The large vehicle passage transports urgently required the new methods and means to realize some reforms, and the estimated investment fund was 40 million RMB in recent 10 years. Herein, the introduction of GPS and GPRS video monitoring system can effectively help the surveillance personnel to ensure whether the vehicles driving are in the safe situation, or what their driving conditions are exactly. Thus, the drivers can convincingly provide the precaution and anti-theft and anti-robbery services.

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The audience in hot discussion on site



Zuo Jian, the section chief of Sichuan Huachuan Industrial Co., Ltd, introduced the application of newly-developed auto window breaking in the traffic escape area.

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Finally, Zuo made guidance for the public residents about how to use the traffic tools to go outside with keep safety. He further pointed out that in recent year, the bus accidents were almost led by the escape tunnels not open in time, and thus, it was required to apply the newly-developed glass into the buses to ensure it can break as soon as the occasional accident occurred. However, the advanced technologies can promise people's safety in cars, school buses, buses, tunnel trains and et al.



All seats were seated in 2013 Shenzhen Smart Traffic Auditorium

2013 Shenzhen Smart Traffic Auditorium firmly emphasized that intelligent technologies keep people safe, and all honored guests presented their own analysis. Herein, all participants eagerly conducted the discussions, with a warm atmosphere.

Accordingly, it's planed to host 2013 Shenzhen Smart Traffic Auditorium for six times totally. And the next forum will be held on Sep. 18<sup>th</sup>, thus, for more registeration information you may refer to <a href="http://itsshenzhen3.vasee.com">http://itsshenzhen3.vasee.com</a>.

However, you welcome to attend such a forum activity!

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