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# Global Intelligent Driving Industry Report, 2014

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## Abstracts

Intelligent car is now developing towards in-vehicle infotainment and intelligent driving, which have become increasingly practical since 2013. Intelligent driving is based on various driver assistance technologies, chiefly aimed at automated or unmanned driving.

Already-launched automated driving technologies by international advanced vehicle makers are still in the stage of driver assistance or semi-automated driving. In addition to a great many high- and medium-class cars, some economical passenger cars have also begun to adopt driver assistance technologies, and automated driving systems in a particular case like traffic jam assistant have been installed in some streamlined advanced models. Automated driving technologies in the research and development test have entered the highly-automated driving stage. In 2013-2014, several vehicle makers or technology companies e.g. Google launched their highly-automated driving concept models.

Driver assistance technologies all over the world have ushered in massive configuration of advanced driver assistance system (ADAS), which is also one of the most-demanding automotive sectors in recent years, expected to see a CAGR of 20% over 2013-2017.

The combined utilization of multiple ADASs can achieve a higher automation and make driving smarter. As a general rule, the more ADAS systems a car carries, the more intelligent it is. On the whole, Volvo, Mercedes-Benz, BMW, Audi and Nissan lead the way in ADAS configuration, with more functions, higher automation and supporting ratio. Vehicle makers prefer to apply ADAS systems to new, top-selling and new energy models.

Volvo will sell the first with highly-automated driver assistance system - XC90 at the end

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of 2014,followed by other leading vehicle makers from 2015. It is expected that mass-produced highly-automated cars will appear around the year 2020, and large-scale commercially-applied fully-automated ones around 2030.

**Global Intelligent Driving Industry Report, 2014 focuses on the following:**

Overview of intelligent car and intelligent driving, including intelligent car industry chain scale, development stages of intelligent driving, overview of main driver assistance systems and automated driving technologies;

Application of ADAS around the world, covering market size of global ADAS industry chain, growth trends of ADAS, and configuration of main ADASs;

Application of intelligent driving systems by major vehicle makers, including technologies used in ADASs, already-used advanced driver assistance technologies, and ADAS Configurations in various models;

R&D and application of latest technologies, road test items and automated driving roadmaps of automated driving technology-leading vehicle makers and technology companies.

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