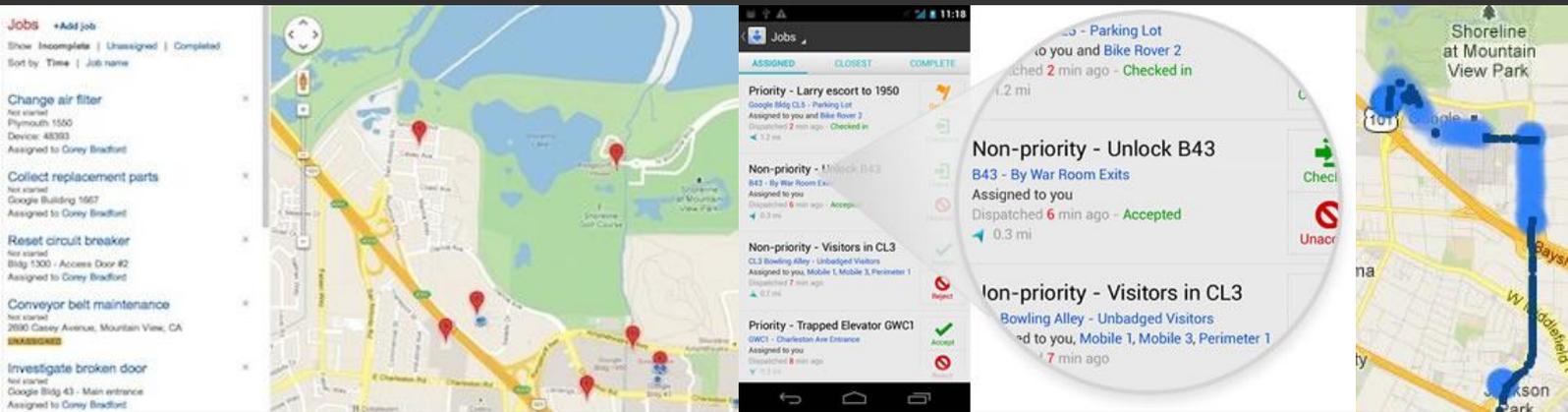




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Ford and State Farm use SYNC to help cut car insurance costs



Resolution on eCall announced



Mercedes-Benz launches 3 new apps



China: Hyundai & Baidu sign agreement



A large number of OnStar FMV buyers are Toyota, Ford owners



US: Verizon announces data sharing plans



Google enters fleet management space



Ford's EV brings phone app, social networking and more



Verizon, BMW, Toyota & others form 4G Connected Cars Forum

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Mercedes-Benz

Mercedes-Benz chooses Glympse app to enable location sharing



US: BMW to use INRIX for cloud-based premium traffic information



HYUNDAI

Australia: New Hyundai i30 includes SUNA Traffic



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MirrorLink could get huge boost ~ thanks to Samsung

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US: Gentex supplies Ford's new mirror with camera-based ADAS



US: MINI makes Bluetooth standard feature; Replaces satellite radio



CSR intros in-vehicle Wi-Fi solution with 'concurrent mode'

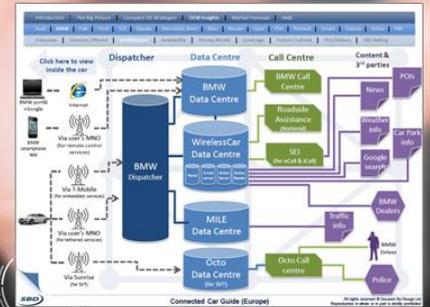


US: Vehicle event data recorders to be mandatory from 2015



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Download full job description

Marion Vaughan – HR  
[marionvaughan@sbd.co.uk](mailto:marionvaughan@sbd.co.uk)

## Verizon to buy Hughes Telematics for \$612 million



Verizon and Hughes Telematics have announced a definitive merger agreement under which Verizon will acquire Hughes Telematics for \$12.00 per share in cash, or a total of \$612 million.

The transaction will expand Verizon's capabilities in the automotive and fleet telematics marketplace and accelerate growth in key vertical segments, including emerging machine-to-machine (M2M) services applications driven by consumer trends and increasingly connected lifestyles.

The Board of Directors of HTI has unanimously approved the transaction upon the recommendation of its special committee, and the transaction was unanimously approved by the directors of Verizon present and voting. The transaction has also been approved by a written consent executed by holders of a majority of HTI's voting shares.

The merger is expected to close in the third quarter of 2012, and

Verizon plans to retain the existing management team and operate the new unit as a subsidiary within Verizon and operated as part of its Verizon Enterprise Solutions group. The business will continue to be headquartered in Atlanta.

"We expect M2M and telematics to drive significant growth for Verizon and we're taking an important step forward to accelerate solutions that will unlock more opportunities for existing and new HTI and Verizon customers," said John Stratton, president of Verizon Enterprise Solutions. "Joining Hughes Telematics' robust service-delivery platform and suite of applications with our existing assets will create a premier set of capabilities. In powerful combination with Verizon's global IP network, cloud, mobility and security solutions, Hughes Telematics' flexible service-delivery platform has the potential to reach beyond the automotive and transportation realm to create new opportunities in mHealth, asset tracking and home automation."

Source: Hughes Telematics.

## Ford and State Farm use SYNC to help cut car insurance costs

**Ford and State Farm have joined forces to offer lower insurance premiums for drivers. Using Ford SYNC technology, State Farm Insurance is expanding its Drive Safe & Save program.**

The program allows State Farm customers with select SYNC-equipped Ford vehicles to reduce their auto insurance premiums by using the Vehicle Health Report feature to report their mileage.

The magnitude of the savings will be determined by the number of miles they drive. Those choosing to enrol in the program will initially save about 5 percent on their auto insurance coverage. The amount of premium savings will be determined at each renewal date (every six months) based on the number of miles driven during that period.

Those driving the national average of 1,000 miles per month will typically save around 10 percent, but that could change depending on actual mileage driven, with low-mileage drivers saving up to 40

percent.

Ford SYNC is the industry-leading in-car connectivity system that provides drivers with the ability to voice command and control their mobile devices, like cell phones and MP3 players, and provides services such as 911 Assist, an emergency calling feature, and Vehicle Health Report. Vehicle Health Report is a standard, no-subscription feature that allows owners to request a diagnostic report about their vehicle's performance and maintenance needs.

Since Vehicle Health Report pulls the odometer reading directly from the engine computer, the mileage from the report is considered verified and can be shared with State Farm representatives to qualify the vehicle for Drive Safe & Save.

State Farm's Drive Safe & Save program for Ford SYNC will initially launch in Utah then roll out to other states.

Source: Ford.

## ‘Non-binding’ resolution on eCall passed; Data protection within scope



PUBLIC eCALL



PRIVATE eCALL

[As proposed by the EC, with direct connection to the PSAP] [As offered by few car makers, with private service providers]

All new cars must be fitted by 2015 with eCall devices to alert the rescue services automatically to road crashes through the public 112 emergency call system, say MEPs in a resolution adopted jointly by the Internal Market and Transport Committees on Tuesday. This system would speed up the arrival of the emergency services, saving lives and reducing injuries, adds the non-binding resolution.

The resolution, adopted by 58 votes to 4, with 8 abstentions, regrets the delays in the voluntary deployment of eCall to date and the small proportion of cars fitted with it (only 0.4%) and urges the Commission to table legislation to make the eCall system mandatory by 2015.

### Technology is ready

MEPs point out that the necessary technology is available and common EU-wide standards have been agreed. They therefore call on the Commission to table legislation requiring the Member States to upgrade their emergency response services infrastructure so that it can handle eCalls by 2015.

### Data protection

The resolution stresses that the eCall service cannot be used to monitor a person’s movements or determine his or her location unless that person has been involved in an accident. The main purpose of the system is to improve incident management, the text adds.

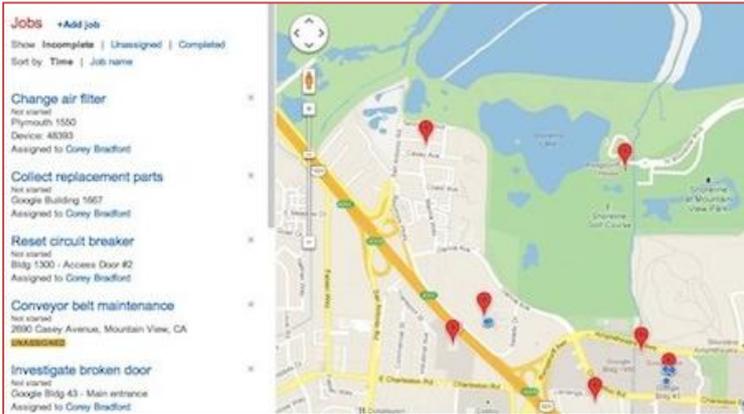
### Next steps

The non-legislative resolution will be voted in plenary in Strasbourg in July. The Commission is expected to table a legislative proposal on eCall by the end of 2012.

Source: European Parliament.



# Google Maps Coordinate ~ Fleet Management Service



## Overview

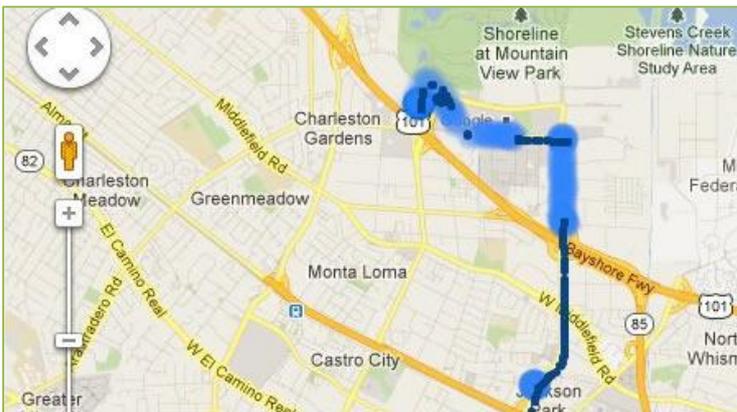
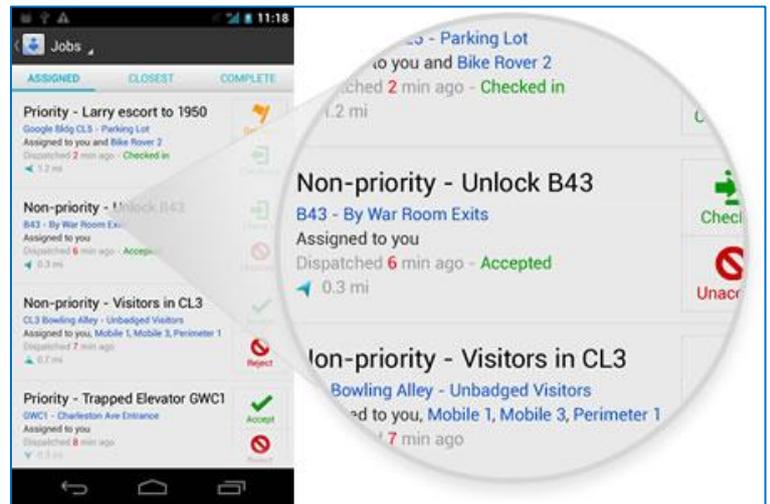
Google Maps Coordinate is a workforce management tool that improves the efficiency of mobile teams. People are shown on a Google Map, making it easy to assign jobs to the nearest available team member. By getting real-time visibility into where teams are and what jobs they are doing, work can be scheduled in a smarter, more efficient way.

Administrators can dispatch jobs with the confidence that an individual's location is correct. Users are able to upload your own floor plans, and locate workers and jobs indoors based on wifi information.

## Job Management

Workers can see a list of their jobs, and check in to show that they have started. This reduces miscommunication between the worker and dispatcher. Workers are able to minimize down time between tasks and complete a higher number of jobs per day.

Using their mobile device, workers can view detailed information about the job, as well as add their own notes which are immediately stored in the cloud.



## Location History

A custom point of interest (POI) enables users to add information to a map such as customer sites, the location of facilities, or areas to avoid.

The location history of each worker can be shown, which helps to make more informed decisions about how teams operate and improve the efficiency of the mobile workforce. Administrators can see all details regarding a specific job.



## Video & FAQs

Online version: [Click below to play](#)

Printed version: [Scan QR Code below with smartphone](#)



### **How much does the service cost?**

Google Maps Coordinate will be offered at an introductory price of \$15 per user per month, for a limited time period ending September 1st 2012.

### **What type of mobile device do mobile workers require?**

They will need a phone or tablet running Android 2.3, 3.0, 4.0 or later. For full system requirements, visit the [Google Maps Coordinate Help Center](#).

### **Where is the personal location data stored?**

Data will be stored in Google's network of data centers. Google maintains a number of geographically distributed data centers, designed with resiliency and redundancy in mind, eliminating any single point of failure and minimizing the impact of common equipment failures and environmental risks.

### **What if the user also uses his or her corporate phone as the personal phone - can the employer track the user during non-work hours?**

No, Google Maps Coordinate only works when the team members have Google Coordinate running and are in visible mode.

### **Is location data being collected even if the user doesn't have the app on his or her Android phone?**

No. Google Maps Coordinate only works when team members have installed the mobile app on their phones and currently have it running.

### **Will there be ads in Google Maps Coordinate?**

No. There is no advertising in Google Maps Coordinate.

## Mercedes-Benz launches new GLK with eCall, 3 new apps



Mercedes-Benz has announced the 2012 GLK Class with a number of infotainment features and eCall.

### Infotainment Features:

The GLK is fitted with the Audi 20 CD radio as standard, including the following functions:

- TFT display with 14.7 cm (5.8") diagonal
- USB interface incl. CD cover display
- AUX-IN socket in the centre armrest
- Bluetooth interface with hands-free function and audio streaming for music transfer
- Telephone keypad

The GLK goes online with special infotainment offerings, offers its occupants concert-hall acoustics and provides new entertainment facilities for rear passengers:

- **COMAND Online multimedia system:** fast hard-disc navigation with high-resolution 17.8 cm colour display, free use of the integrated Mercedes-Benz apps and call-up of internet sites, LINGUATRONIC voice-operated control system, USB interface and AUX-IN socket in the centre armrest, telephone module with Bluetooth (SAP profile) in the armrest for telephony and internet connectivity, Mercedes-Benz eCall emergency call system.

- In conjunction with COMAND, a **TV tuner for digital TV reception (DVB-T)** is being offered in the GLK for the first time
- **Harman Kardon Logic 7surround sound system** including 7-channel DSP amplifier and 2-channel booster with a total output of 510 W in conjunction with twelve high-performance loudspeakers, Dolby Digital 5.1 and DTS.
- **Becker MAP PILOT:** fully integrated navigation module with 2D/3D map display, navigation information shown on the display of the Audio 20 CD, operation via central controller and acoustic output of driving recommendations via the vehicle's loudspeakers.
- **Central colour display** in the instrument cluster offering photorealistic quality
- **Apple iPad rear integration Plus.** The convenient, ergonomic and crash-safe docking station for the iPad is optionally available in the rear of the GLK. The mount can be tilted and turned by 180°, all connections remaining accessible. In addition, the battery can be charged via an integrated USB interface with the aid of a charging lead.

**Three new apps are available for COMAND Online** – for news, share prices and help in finding a parking space. It is planned to introduce around a dozen new apps each year. Daimler has set up an App Development Group specifically for this purpose in Palo Alto, California/USA and Bangalore, India.

Source: Daimler.

## China: Hyundai & Baidu sign agreement for next-gen services



At the Beijing auto show, Hyundai Motor Group and Baidu signed an agreement to jointly develop second-generation vehicle information services.

Under the agreement, Baidu will provide multiple features for Hyundai-Kia vehicles, including maps, a restaurant finder, a web browsing app and a real-time voice command system.

The company also plans to develop other voice based real-time services.

The signing ceremony was attended by South Korea's Hyundai Senior Managing Mr. Li Chun and Baidu Special Assistant to the President, Mr. Zhang Dongchen.

*Courtesy: Auto Sina.*

## US: Verizon announces data sharing plans between devices



Verizon Wireless has announced Share Everything Plans that include unlimited voice minutes, unlimited text, video and picture messaging and a single data allowance for up to 10 Verizon Wireless devices.

In addition, the Mobile Hotspot service on all the devices is included in the Share Everything Plans at no additional charge. The Share Everything Plans debut on June 28 and will be available to new, as well as existing, customers who may wish to move to the new plans.

### How Share Everything Plans Work:

To get started on a Share Everything Plan, customers first select the devices they want on their accounts. The next step is to choose a plan that includes unlimited minutes, unlimited messages and a shared data allowance that begins at 1 GB for \$50. Customers adding a tablet on their Share Everything Plans can do so for an additional \$10, with no long-term contract requirement. The matrix to the right shows pricing for an account with several different devices, such as a smartphone, a tablet and a basic phone, billed to the same individual.

## A large number of OnStar FMV buyers are Toyota, Ford owners



### Excerpts from GM Authority Blog:

OnStar FMV (For My Vehicle), the mirror available to owners of vehicles that are not equipped with OnStar, is being installed most often in 2011 model year vehicles, followed by 2007 and 2012.

But what's perhaps even more surprising is the fact that Toyota owners are responsible for 15.6 percent of FMV sales, while Ford owners make up 12 percent of all FMV purchases. In addition, more than 30 percent of those Ford customers have vehicles equipped with the SYNC infotainment system.

As of February 2012, OnStar FMV has sold more than 20,000 units and the mirror is compatible with more than 100 million vehicles on the road today.

*Courtesy: GM Authority Blog.*

Monthly Line Access (per device)	Shared Minutes and Messages	Shared Data	Monthly Account Access (shared with up to 10 devices)
Smartphones - \$40 Basic Phones - \$30 Jetpacks, USBs, Notebooks & Netbooks - \$20 Tablets - \$10	Unlimited	1 GB	\$50
		2 GB	\$60
		4 GB	\$70
		6 GB	\$80
		8 GB	\$90
		10 GB	\$100

*Source: Verizon Wireless.*

## Ford's EV brings phone app, social networking and more to telematics



With the first retail customers now taking delivery of America's most energy-efficient compact car, the 2012 Ford Focus Electric, the MyFord Mobile iPhone app and [www.MyFordMobile.com](http://www.MyFordMobile.com) are available to help owners locate charging stations and recharge their cars in half the time of the Nissan Leaf.

MyFord Mobile allows Focus Electric drivers to link up with their cars via an embedded AT&T wireless module that provides for remote communication with the car to maximize utility and minimize operating costs. Drivers can log in at any time to check the current state of charge of the advanced lithium-ion battery pack and enable the exclusive value charging mode.

Focus Electric drivers also will be able to share, learn and teach smart driving by participating in forums on the MyFord Mobile website – with features such as leader boards, unique achievements and social networking – when the car becomes available through dealers in the first half of 2012. In the process, users will be able to seamlessly upload driving achievements and

statistics to popular social platforms like Facebook and Twitter.

While away from the car, customers can monitor the battery display for the current charge level and for how long the car will need to be plugged in to get a full charge or reach a desired range. The MapQuest-powered trip planner built into both the app and Web portal enables users to find available public charging stations and plan efficient multi-destination routes. Users can select their next destination and send it directly to the car from either the app or the portal for hassle-free voice guidance.

Only MyFord Mobile includes industry-first value charging technology co-developed with Microsoft that can help customers charge the car at the lowest possible cost. Electricity rates can vary widely depending on location, season and time of day. The national average is about 11.5 cents per kilowatt-hour, but local rates can vary from less than 5 cents at night to more than 37 cents during peak times in areas such as Hawaii.

Focus Electric drivers can register an account now at [www.myfordmobile.com](http://www.myfordmobile.com) and download the iPhone app from the iTunes App Store. Drivers who are curious about making the jump to gasoline-free driving can check out the site and the app as a guest. MyFord Mobile will also work with the upcoming C-MAX Energi and Fusion Energi plug-in hybrids.

Source: Ford.

## Verizon, BMW, Toyota & others form 4G Connected Cars Forum

Verizon has announced the formation of the 4G Venture Forum for Connected Cars, a group of leading global automotive companies brought together by Verizon to accelerate the pace of innovation across the automotive and telematics 4G LTE ecosystem.

BMW, Honda, Hyundai Motor Company, Kia Motors and Toyota Motor Sales, Inc. are joining Verizon as the initial members of the Forum.

Professor Sanjay Sarma of the Massachusetts Institute of Technology also joins the Forum, providing members a link to track important advancements in related academic research. The group will collaborate and explore ways to deliver connectivity to vehicles of all types, by leveraging open standards and discussing ways to accelerate development of the 4G LTE ecosystem across automotive OEMs, suppliers, device manufacturers, application developers and content publishers.

The 4G Venture Forum for Connected Cars will help discover ways to increase the value of services, ranging from embedded cloud-

connected solutions to mobile applications; help define features and explore safety systems; and encourage third-party developers in this space.

Verizon has a strong commitment to collaboration and innovation through its Innovation Program, and through the 4G Venture Forum, which was created in 2009 to identify and support new ideas related to advanced wireless networks and to provide market validation for innovative companies. The 4G Venture Forum for Connected Cars complements and extends the approach of the 4G Venture Forum, focusing exclusively on the automotive space to address the specific needs of this growing market.

Verizon Wireless has the largest 4G LTE network, now available in 258 markets and covering more than two-thirds of the U.S. population. The Forum may support and fund advancements regardless of underlying network technology; companies will not be obligated to work with Verizon and are not precluded from working with other service providers.

Source: Verizon Wireless.

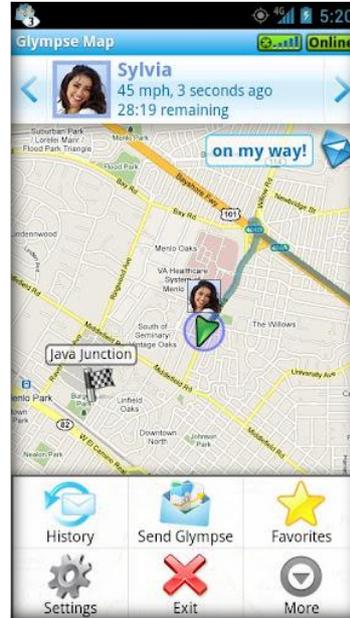
## Mercedes-Benz chooses Glympse app to enable location sharing

Mercedes-Benz and Glympse are teaming up to provide real-time location sharing to their drivers by integrating Glympse into the new Mercedes-Benz Digital DriveStyle application, set to launch in the new A-Class in September.

Drivers will now be able to use the Mercedes Digital DriveStyle application to select a recipient, set a timer, and 'send a Glympse' to anyone they choose. The recipient of the Glympse will receive a text or email link, which will show the driver's real-time location on an interactive map.

Consistent with Glympse's unique approach to location sharing, when the timer expires, the location sharing will automatically stop. Because Glympse is a universal sharing solution, the recipient doesn't require any special software or device, just a web browser.

Mercedes-Benz integrated Glympse into its Digital DriveStyle application using the Glympse partner SDK. The partnership was announced at the Telematics Detroit conference.



Source: Glympse.

## US: BMW to use INRIX for cloud-based premium traffic information

INRIX has announced at Telematics Detroit that BMW of North America has selected INRIX's premium traffic information for next generation connected navigation systems in North America.



As part of a multi-year contract, BMW is teaming with INRIX to provide drivers with real-time traffic, traffic-influenced turn-by-turn directions and alerts to accidents and other incidents along their route.

Per BMW's recently announced Advanced Real-Time Traffic Information (ARTTI) service, INRIX is collaborating with the industry's innovation leader to integrate "cloud-based" premium traffic information and driver services that leverage "local knowledge" to improve routing, fuel economy and provide more accurate travel times.

For example, INRIX's unique analysis of the traffic and travel time of impact of stop signs and traffic light phases on arterials or a major local event like a professional baseball game helps ensure

BMW owners' travels are faster, easier and, particularly at rush hour, more predictable.

INRIX combines traffic information from its crowd-sourced network of connected vehicles nationwide with insights from hundreds of public and private sources to provide BMW with a real-time traffic service covering one million miles of highways, interstates, arterials and city streets across North America.

BMW's Advanced Real-Time Traffic Information provides unprecedented level of insight to BMW owners. Customers will receive better traffic information than available previously and in a shorter amount of time. ARTTI has improved precision and is able to determine differences in traffic conditions down to smaller road segments than ever before possible.



ARTTI will be incorporated into the latest onboard navigation system which will be standard on all 2013 7 Series models as well as the 550i Sedan, 550i Gran Turismo and ActiveHybrid 5 Sedans. The new navigation system, with ARTTI, is offered as an option on the 2013 528i and 535i Sedans, 535i Gran Turismo as well as the ActiveHybrid 3.

Source: INRIX.

## Australia: New Hyundai i30 includes SUNA Traffic



Hyundai Motor Company Australia has announced the inclusion of SUNA Traffic Channel in its new generation i30.

The i30, launched in Australia recently, is the first new generation Hyundai to be fitted with a satellite navigation system, which along with SUNA is available as a standard feature in the Elite and Premium models.



SUNA Traffic Channel is a digital traffic information service that broadcasts detailed information about traffic congestion and other road conditions directly to compatible in-car satellite navigation devices.

“Like its predecessor, the new generation i30 is sure to be one of the most popular small cars sold in Australia, renowned for its high quality and high standard specification, which we are proud to say includes SUNA Traffic Channel,” said Intelematics Australia’s Chief Executive Officer Adam Game.

SUNA Traffic Channel analyses more than three hundred million instantaneous speed measurements each month, combining a range of traffic data including GPS trackers on probe vehicles, traffic light data, traffic camera data and analysis of historical traffic information. The service is currently available in Brisbane, Gold Coast, Sydney, Melbourne, Canberra, Adelaide and Perth.

*Source: Hyundai Motors Australia.*

## Brazil: INRIX teams up with MapLink to debut traffic service

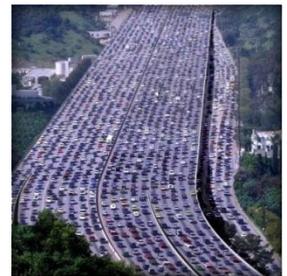


INRIX has announced an exclusive partnership with MapLink, the leading provider of traffic and location-based services in Brazil.

In a country where an expanding middle class sends 9,000 new vehicles onto local roads every day, INRIX’s partnership with MapLink will provide Brazil with the most accurate real-time and predictive traffic services available at a time local drivers and governments need it most.

A traffic jam in Sao Paulo on May 23rd that created 452km (282,5 miles) of gridlock causing a 45 minute trip in traffic to take nearly 4 hours has renewed concerns over a possible breakdown on roads, airports, and communications systems when Brazil hosts the soccer World Cup in 2014 and the Olympic Games in 2016.

INRIX will integrate MapLink’s data for more than 10,000km of highways, city streets and local roads into its traffic intelligence platform optimized for the delivery of next generation navigation and driver services applications in the car, online and on mobile devices.



The partnership with MapLink furthers INRIX’s efforts to help in-car and mobile navigation app industry leaders deliver better services to their customers in the markets they serve.

*Source: INRIX.*

## US: BlackBerry to use TomTom HD Traffic for applications

**TomTom has announced that Research In Motion (RIM) is using TomTom’s real-time traffic services for BlackBerry applications.**

BlackBerry Traffic is now powered by TomTom HD Traffic, giving customers access to the most accurate, comprehensive and up-to-date traffic information on the market.

Additionally, TomTom maps and location content is used in BlackBerry Maps, and for BlackBerry Locate Services, which gives 3rd party software developers access to the mapping and traffic information for their own apps.

According to a recent study, TomTom’s traffic information saves commuters 50 minutes of travel time per week or approximately 40 hours per year. With HD Traffic, BlackBerry customers will be able to select the best route to their destinations in an effort to not only save time but also fuel.

*Source: TomTom.*



## Our take on Apple's latest announcements

Apple announced its iOS6 release on 11<sup>th</sup> June at its developer event, WWDC 2012. The announcement has already been covered by thousands of websites worldwide, but we felt we should highlight some of the in-car infotainment related features and share our thoughts with you:



### MAPS, NAVIGATION & TRAFFIC

#### What is it all about:

Apple has basically ditched Google Maps and has created its own maps and navigation solution. The highlight seems to be a feature called 'Flyover' that shows photo-realistic 3D views of cities. Google announced a similar 3D maps feature last week.

Note: TomTom has issued a 1-line press release (!) to say that it has signed a global agreement with Apple to supply map, content and that no further details will be provided.

**Amsterdam, 12 June 2012** – TomTom (AEX:TOM2) has signed a global agreement with Apple® for maps and related information. No further details of the agreement will be provided.

Maybe this is why Apple claims to have already included over 100 million business listings. Other features include the addition of Yelp and closer integration of Siri with navigation.

The final highlight is traffic information. It seems that Apple will use iPhones and iPads as probes to anonymously collect traffic data.

#### What we are not sure about:

Although features like Flyover help increasing the hype, a good navigation solution relies on some of the more 'boring' details such as information on one-way streets, no entries etc. Google Maps suffered from lack of such information when it was launched, but maybe Apple has got it right the first time? Guess we will have to wait and see. Also, we are not sure about the quality of traffic information, unless Apple is using other sources in addition to its own probe data.

#### What we are excited about:

The user experience! Apple does not do new things. It does things in new ways. So it will be interesting to see Apple's take on navigation i.e. how intuitive and easy to use the solution is and how other real-time services are integrated.



#### What is it all about:

It is just a way of launching Siri on the phone using the voice command button on the steering wheel without touching the phone. Apple has already announced a number of car makers who are onboard: Mercedes-Benz, BMW, Audi, Chrysler, Honda, General Motors, Jaguar, Land Rover and Toyota.

Note: Strictly speaking, this is not a new announcement. Mercedes-Benz already showed this feature (Siri integration) with its new smartphone integration solution at the Geneva Motor Show.

#### What we are not sure about:

The name! There's been a term in the automotive industry for many years now for using a steering wheel button (or any other button) to control your phone, and it's called HANDS-FREE.

But now that Apple has decided it's not a cool enough term, we can expect all the marketing departments in car companies to go crazy with 'Eyes Free'. To be honest, we are not impressed.

#### What we are excited about:

There's nothing special in providing access to Siri via external in-car hardware. What would be particularly interesting is the possibility of a back-channel to the car i.e. making use of Siri to control certain in-car hardware or accessing vehicle sensor data. It would be even better if car makers join together and decide what is made available than letting Apple push them around!

# MirrorLink™

## MirrorLink could get huge boost thanks to Samsung

The Car Connectivity Consortium (CCC) has continued to grow strongly and its membership now represents 70% of both the automotive and smartphone markets worldwide. The latest companies to join the CCC include BMW, Fiat, Ford, KDDI, Renault, JVC Kenwood, Fujitsu, HARMAN, Pioneer and others.

However, most of the members, both from auto OEMs and phone vendors, have not yet announced concrete plans to implement MirrorLink and their commitment to the solution is unclear. Due to this lack of clarity, there was a general scepticism around MirrorLink and most car makers are investigating different forms of smartphone integration solutions in addition to MirrorLink.

This attitude may change soon though, thanks to an announcement from Samsung.

The much awaited Samsung Galaxy S3 was unveiled last week and during the press launch, it was announced that the phone would ship with MirrorLink. Watch video below:



**YouTube**  
**Samsung Galaxy S3**  
**Mirror Link Car System**

Although it is not yet clear if MirrorLink will be a native feature of the phone in all markets and if Samsung will make MirrorLink a part of all its phones, this announcement could be the break that MirrorLink has been waiting for to date.

To put this into context, Samsung sold 20,000 Galaxy phones every hour between January and March 2012. One in four phones sold now is a Samsung and the Galaxy S3 is the first non-iOS smartphone to receive as much hype and attention before its launch. Some phone shops in the UK even gave away a free tablet to the first 1,000 orders and were sold out overnight.

So, if all goes to plan, vehicle manufacturers may all of a sudden find themselves facing a large number of MirrorLink compatible devices getting into the car. And to make sure they don't lose entire control over the HMI to phone vendors, now is the time to act and work together with the CCC to develop compatible solutions!

## MirrorLink device certification to be offered by Ixonos and Nemko

Ixonos and Nemko have agreed to provide a new, extensive service package that will combine Ixonos' testing capabilities with Nemko's global testing and certification services.

Ixonos has technological competence and extensive, industry-approved testing capabilities regarding wireless devices based on the MirrorLink standards.



Nemko's testing and certification services are now globally available close to customers in the automotive industry. The packaging of the services enables substantial savings and significant reductions in time to market, including rapid R&D, market access and type approval, for new wireless devices that are seamlessly connected to cars.

Ixonos' test laboratory was the first in Europe to fulfil the requirements of the Car Connectivity Consortium (CCC), an organization driving global innovation for phone-centric car connectivity solutions within the automotive industry. In addition, the laboratory was recently fully approved as a CCC Authorized Test Laboratory.

Ixonos offers a wide range of services for customers such as car OEMs, IVI system vendors and online service providers. This offering includes full device creation, software development, verification and hosting services as well as user experience design services. With these services, companies can outsource, for example, the development of apps for mobile devices and head units (Ixonos App Agency) or the development and hosting of an online service (Ixonos Experience Store or Ixonos Elastic Cloud).

## EU: Opel brings telemetry via smartphone CAN data integration

Opel shares its passion for technology with its customers by becoming the first ever car manufacturer to make preselected data from the CAN bus (Controller Area Network) directly available on an iPhone where it can be displayed or analyzed further.

The CAN bus is the central system that unifies and connects all the electronic control units in the vehicle.

Apple smartphone users can now download the OPC PowerApp an application or App from the AppStore for just 0.79 euro, enabling them to access to CAN bus data. This innovative application has its world debut in the Astra OPC with its 206 kW/280 hp output - the sporty spearhead of Opel's compact car portfolio.

The CAN-bus bundles the signals from the different vehicle areas. So far, only highly specialized work shops were able to access this information using specialist software. Now however, Opel is now giving car enthusiasts the chance to receive selected, performance-related data by offering the OPC PowerApp. This opens up a whole new world to drive enthusiasts who want the latest technology.

The fun offered by the OPC PowerApp does not just end when the engine is switched off. Not only are up to sixty different data, including engine boost pressure, throttle position, lateral acceleration or engine torque, readily available in real-time on the iPhone but they can also be stored and later compared with friends. A lap-time recorder connected to GPS data appeals to racing fans, for example those who use the legendary Nürburgring track and want to analyze and improve their performances on the Nordschleife stretch.

In this way, braking points and section speeds can be analyzed. However, in addition the G-forces can be measured inside specific bends.

In order to get the most out of the wealth of functions offered by the OPC PowerApp a **black box or smart phone controller** that can be ordered by customers and is installed behind the interior panels. It can be installed ex works or easily retrofitted on request by Opel dealerships.

The module is directly connected to the CAN-bus of the vehicle and transmits its data with a frequency of 30 Hertz to the iPhone which is equivalent to real time. An optionally available FlexDock iPhone cradle can also be installed to offer even better access and visibility of the PowerApp data. In that sense, the mobile phone acts as an additional instrument inside the cabin, recording all the data.



Seven different display modes complete with the OPC logo and colors are available to the user including an analog instrument, a G-force meter, a digital display and over/under-steer indicator, a bar chart, a line graph and a map.

The OPC PowerApp works on iPhones (starting at the third generation), iPad 2 and iPod Touch and will also be available for android systems by early 2013.



Source: General Motors Europe.

## Japan: Denso releases Smart G-BOOK ARPEGGiO app for Toyota navi

Denso has recently released a smart-phone application for drivers, called "smart G-BOOK ARPEGGiO".

The smart G-BOOK ARPEGGiO app allows user to safely use smartphone tools and applications such as POI search, music player, Internet radio, fuel management and sports news while driving.

By connecting a car navigation system that is compatible with this application along with Bluetooth, users can operate the ARPEGGiO function on the navigation display monitor. The user can also directly register information from search results into the navigation system as a destination.

The main features of the smart G-BOOK ARPEGGiO include:

- Localized searches.
- Log-in function to Facebook, foursquare and mixi.
- Favorited spots.
- Geo-tagged photo linkage from search engines (The app enables user to search photos on the Internet and allows user to directly input information of the location, if available, to the navigation system).
- Suono Dolce (Function to listen to the Internet radio, Suono Dolce).
- koukouTV (Function to enjoy photos of family and friend in a car).



- Music Player (Function to play music in a smart phone through the navigation system. Only for the navigation system that is compatible with this application.)

The smart G-BOOK ARPEGGiO is free for both iOS and Android. The user would need a GAZOO ID or a G-BOOK ID in order to access this application.

Currently, the only navigation system compatible with the Smart G-Book ARPEGGiO is the optional navigation system offered by Toyota dealers, the NHZD-W62G. Further navigation system support is planned for future release.

Source: Denso.

## PLDS

### In-car smartphone enhancement box developed by PLDS & Funkwerk

Philips & Lite-On Digital Solutions (PLDS), a global provider of infotainment applications for the automotive industry, and Funkwerk Dabendorf, producer of mobile communications solutions have partnered for developing smartphone integration enhancement solutions for vehicles.



### PLDS to showcase smartphone integration using RealVNC tech

At Telematics Detroit 2012, PLDS (Philips & Lite-On Digital Solutions) demoed its Smartphone Integration Solution, the latest in-car system aimed at major Tier 1 automotive suppliers, that now includes RealVNC's VNC Automotive technology.

VNC Automotive enables automatic detection, access and control of virtually any mobile device from a vehicle's touch-screen or fixed input devices such as steering wheel switches and head unit buttons.



Source: PLDS.

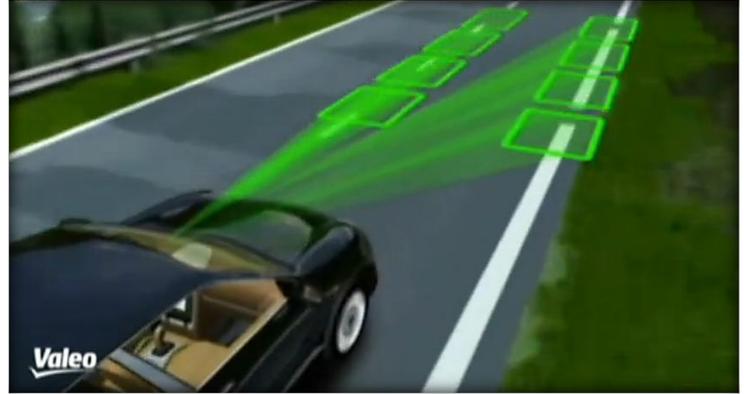
## EU: Renault adopts ADAS technologies from Valeo

The BeamAtic lighting automation and LaneVue lane departure warning applications will equip the new mass-market Renault Scenic, Grand Scenic, Mégane, Mégane coupé and Mégane estate facelift vehicles.

These applications are embedded in the Valeo multifunctional camera, located between the windshield and the rear-view mirror.



The BeamAtic lighting automation system takes over the lighting commands to optimize the use of high beam. It switches back to low beam as soon as an oncoming or leading car is detected by the embedded camera. The system alleviates the stress of constantly switching the headlamps on and off, thus improving night-time driving comfort and safety.



The LaneVue detection system alerts the driver if the vehicle drifts into the adjacent lane. The front camera detects the lane markings on the road, and compares them with the vehicle's trajectory. If the vehicle drifts into the adjacent lane without having activated the turn indicator, LaneVue immediately alerts the driver through sound and visual signals. This application may anticipate critical situations, e.g. in the event of driver drowsiness or lack of attention.

With these two applications, which combine innovative vision technologies and software developments, Valeo is making driving assistance functions available to the widest possible markets.

Source: Valeo.

## US: Gentex supplies Ford's new mirror with camera-based ADAS

Gentex Corporation has announced that it is supplying auto-dimming mirrors with a new, camera-based driver-assist system for the 2013 Ford Explorer.

The new Gentex driver-assist system uses a multi-function camera combined with algorithmic decision-making to perform Automatic High-Beam Control, Lane Keeping and Driver Alert. The system was developed in conjunction with Mobileye, the global pioneer in the development of vision-based driver-assistance systems.

Automatic High-Beam Control turns a vehicle's high beams on and off automatically according to surrounding traffic conditions. In Lane Keeping mode, the driver is warned by vibrating the steering wheel, while the Lane Keeping function warns the driver by applying torque at the steering wheel to direct the vehicle back into the lane.

Driver Alert monitors the vehicle's lane position and can notify a driver of signs of inattentiveness with a coffee cup warning light that appears on the dashboard instrument cluster. Certain components, including the camera and microprocessor, are



integrated into a Gentex interior auto-dimming mirror.

Auto-dimming rear-view mirrors automatically darken to reduce glare from the headlamps of vehicles approaching from the rear. The brighter the glare, the darker the mirror becomes, making night time driving safer.

Source: Gentex.

## US: MINI makes Bluetooth standard feature; Replaces satellite radio

Model/Variant	MY2013	MY2012
<b>MINI Hardtop</b>		
Cooper	\$20,400	\$20,200
Cooper S	\$24,000	\$26,800
John Cooper Works	\$30,800	\$30,600
<b>MINI Coupe</b>		
Cooper	\$22,150	\$22,000
Cooper S	\$25,450	\$25,300
John Cooper Works	\$32,050	\$31,900
<b>MINI Roadster</b>		
Cooper	\$26,250	\$25,050
Cooper S	\$29,250	\$28,050
John Cooper Works	\$36,400	\$35,200
<b>MINI Clubman</b>		
Cooper	\$22,100	\$21,900
Cooper S	\$25,800	\$25,600
John Cooper Works	\$33,000	\$32,800
<b>MINI Convertible</b>		
Cooper	\$25,850	\$25,650
Cooper S	\$28,850	\$28,650
John Cooper Works	\$36,000	\$35,800
<b>MINI Countryman</b>		
Cooper	\$ TBA	\$22,450
Cooper S	\$ TBA	\$26,050
Cooper S ALL4	\$ TBA	\$27,750

MINI USA has released pricing and options changes for MY2013.

The MINI Hardtop, Convertible, and Clubman increased by \$200. The MINI Coupe has the smallest increase at \$150. The MINI Roadster jumps up \$1,200 but now includes the semi-automatic roof and rear wind deflector as standard equipment.



### Key Equipment / Technology Changes:

Bluetooth will be standard on every 2013 MY vehicle (formerly a \$500 option), replacing Sirius Satellite Radio.

Sirius will now be an option (\$250) and includes a one-year subscription.

The Technology package now includes Sirius Satellite radio, Comfort Access in addition to the existing MINI Connected feature. A center armrest (with integrated iPhone adapter pre-wiring) is also included.

A new Premium package (\$1,250) has been added for the MINI Hardtop and Clubman that includes the three most-popular options—a Dual-pane panoramic sunroof, Automatic wipers and Automatic climate control. Bundled together, they offer a \$500 discount.

Source: MINI USA.

## CSR intros in-vehicle Wi-Fi solution with ‘concurrent mode’

Representing a significant R&D investment, CSR’s new automotive Wi-Fi solution, the CSR6030A11, offers a number of significant advancements. In addition to improvements to the Wi-Fi performance, the CSR6030A11 offers “Concurrent Network Mode” – the capability to support Wi-Fi connectivity on two networks at the same time.

In addition, CSR6030A11 is Wi-Fi Direct compliant, meaning that the CSR6030A11 can connect directly to other Wi-Fi CERTIFIED Wi-Fi Direct devices without relying on a hotspot for that connection.

### Concurrent Mode

Put simply, the CSR6030A11 is capable of providing Wi-Fi connectivity on two different Wi-Fi networks simultaneously, meaning that the same device is capable of acting as a Wi-Fi client on one network while serving as a Wi-Fi access point on another at the same time.

For example, with this feature, user can envisage smartphone tethering for Internet access to the head unit while at the same time that head unit can enable an in-vehicle Wi-Fi access point to deliver the smartphone’s Internet connection to a number of consumer electronics (CE) devices brought into the vehicle. Concurrent Network Mode supports legacy Wi-Fi client and access point roles but will also deliver the same functionality with Wi-Fi Direct enabled devices.

### Wi-Fi Direct

With Wi-Fi Direct, the CSR6030A11 includes a new connectivity standard poised to do for Wi-Fi enabled handsets, consumer and other devices what the USB standard did for wired connections. Wi-Fi Direct enables easy, single-click connection and communication between devices for the exchange of any type of data – and more seamlessly, to and from in-vehicle systems.

Recent indications suggest that Wi-Fi Direct is positioned to become a de facto standard in the handset and CE space for device Wi-Fi interconnectivity: reports in the market about Wi-Fi Direct enabled devices suggest a CAGR of 79 percent between 2011 and 2015. By deploying Wi-Fi Direct in the CSR6030A11, CSR is enabling automakers to plan ahead for the anticipated explosion of Wi-Fi Direct enabled devices.

## US: Vehicle event data recorders to be mandatory from 2015

Excerpts from Inside Line:

Section 31406 is tucked in the middle of Senate Bill 1813 and states, "Not later than 180 days after the date of enactment of this Act, the Secretary shall revise part 563 of title 49 Code of Federal Regulations, to require, beginning with model year 2015, that new passenger motor vehicles sold in the United States be equipped with an event data recorder that meets the requirements under that part."



But let's not panic and start hoarding 2014 MY vehicles just yet.

The first sign of good news is in subsection (b) of the proposed rule titled "Limitations on Information Retrieval."

As it stands now — and this may be changed when the bill gets to the House — the owner or lessee of the vehicle owns all of the data collected by the black box and said information can only be retrieved by the owner unless there is a court order or the information is "pursuant to an investigation or inspection

authorized under section 1131(a) or 30166 of title 49, United States Code, and the personally identifiable information of the owner, lessee, or driver of the vehicle and the vehicle identification number is not disclosed in connection with the retrieved information."

Finally, the information can be accessed "for the purpose of determining the need for, or facilitating, emergency medical response in response to a motor vehicle crash." This, of course, would mean your black box is connected to the grid wirelessly and a physical connection isn't necessary.

Two years after this bill is made official, the Secretary is mandated to conduct a safety study to find out "the safety benefits gained from installation of event data recorders; the recommendations on what, if any, additional data the event data recorder should be modified to record; the additional safety benefit such information would yield; the estimated cost to manufacturers to implement the new enhancements; an analysis of how the information proposed to be recorded by an event data recorder conforms to applicable legal, regulatory, and policy requirements regarding privacy" and more.

### Top videos this month

[www.youtube.com/telematicsnews](http://www.youtube.com/telematicsnews)



Nuance's Dragon Drive! voice solution for connected cars

Pioneer's HUD navigation system with PicoP technology

New Fujitsu Ten app streams video to navigation system

'HTC Car' ~ In-car phone dock with wireless media streaming



TomTom launches speed camera app in Europe

Volvo demos 'road train' on a public road for the first time

Aisin's advanced driver monitoring system

Apple's turn-by-turn navigation demo

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FEATURED

Focused Conference and Exhibition

# Telematics Munich 2012

October 29-30th, 2012, Munich Hilton Park Hotel

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EVENT

ABOUT

VENUE

DATE



IFA Consumer Electronics Unlimited  
For more info [click here](#)

Berlin, Germany

31 Aug – 5 Sep



Insurance Telematics USA 2012  
For more info [click here](#)

Chicago, IL, USA

5 – 6 September



IAA Commercial Vehicles Show 2012  
For more info [click here](#)

Hannover, Germany

20 – 27 September

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