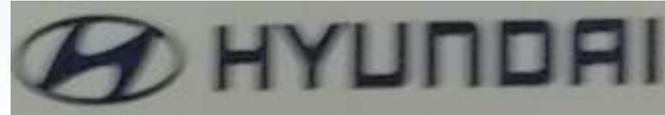


# Focus on Cars

Crowded booths  
Android Auto  
VR and AI



Anything about Android Embedded/Automotive was strictly behind the scenes.  
Not possible to get beyond the hype without pre-arranged appointments



[Panasonic Announces Android Based Car Infotainment Platform](#)

[Google Fiat Chrysler Android](#)

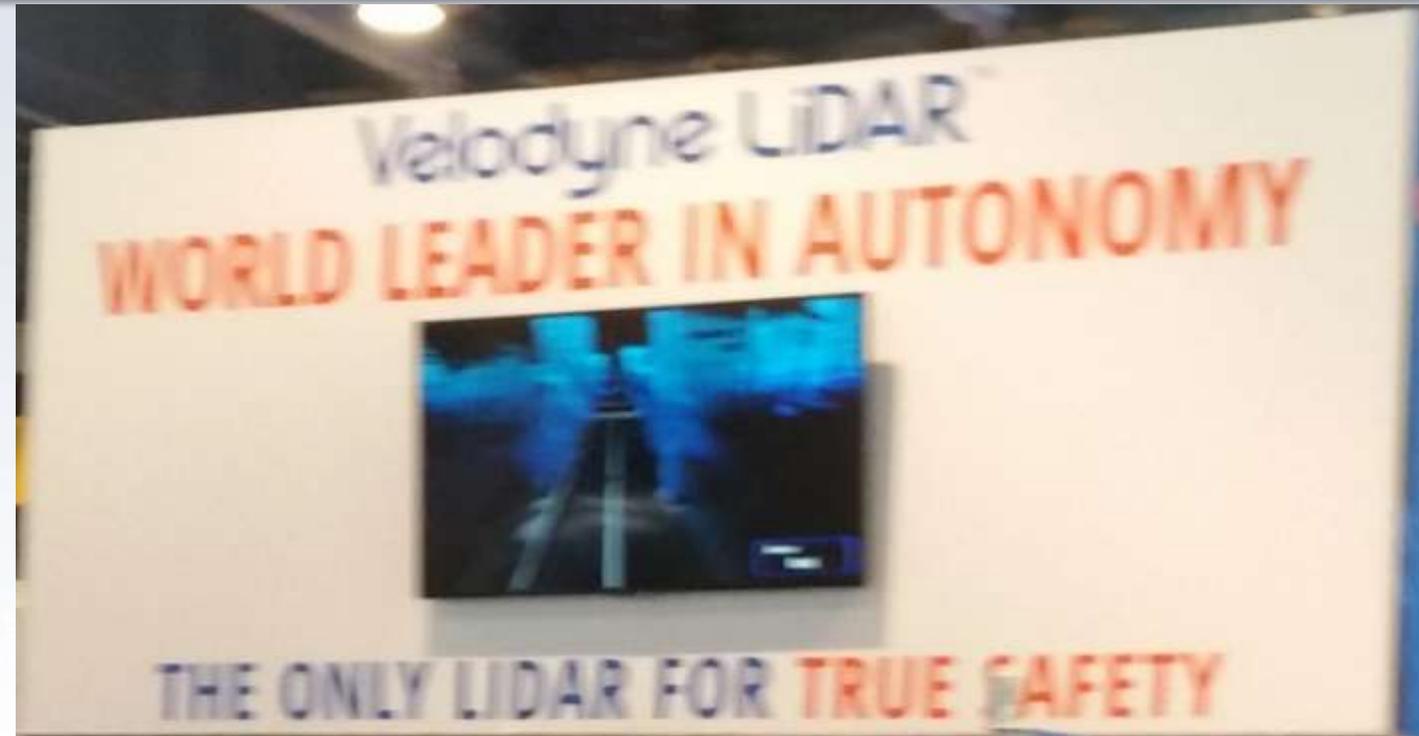
[Samsung](#)

[Intel](#)

# Velodyne LiDAR

MEET THE MOST ADVANCED LIDAR SENSORS ON THE MARKET

Developed to create a full 360 degree environmental view for use in autonomous vehicles, industrial equipment/machinery, 3D mapping and surveillance, Velodyne LiDAR now provides a full line of sensors capable of delivering the most accurate real-time 3D data on the market.



<http://velodynelidar.com/>

# Elektrobit

End-to-end software solutions for connected cars  
Intelligent HMI development  
EB-GUIDE

Volvo has already done some work with them.



Assign Engineering AB



[Automotive Elektrobit](#)  
[EB-GUIDE.com](#)

# Connected Car Service Platform

Hyundai providing open-source platform  
Provisioning of connected car apps

Does Volvo have anything like this?



[Hyundai Assurance Connected Care TV Commercial](#)  
[Connected Care](#)

# PanaVise

Industry leader in Tool Holders  
And Mobile Electronics Mounts

Good way to setup cameras before  
they are actually in-car.



[PanaviseOnline.com](http://PanaviseOnline.com)

# ProPILOT Chair

Nissan develops an autonomous chair for people who can't stand waiting in line

Following the success of the [Intelligent Parking Chair](#) earlier this year, the newly developed ProPILOT Chair negotiates waiting in line on behalf of its occupant, sparing them the hassle of standing in line.



[Nissan develops an autonomous chair](#)

# BlackBerry QNX

BlackBerry QNX Launches its Most Advanced and Secure Embedded Software Platform for Autonomous Drive and Connected Cars

At CES 2017, the technological capabilities of QNX SDP 7.0 will be demonstrated in BlackBerry QNX's 2016 Jaguar XJ and 2017 Lincoln MKZ concept cars.

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[BlackBerry QNX Platform for Autonomous and Connected Cars](#)



# Volvo's spot with Ericsson

Mats and Petter

They had good activity regarding Skype for Business

Avellan Engineering AB

2015

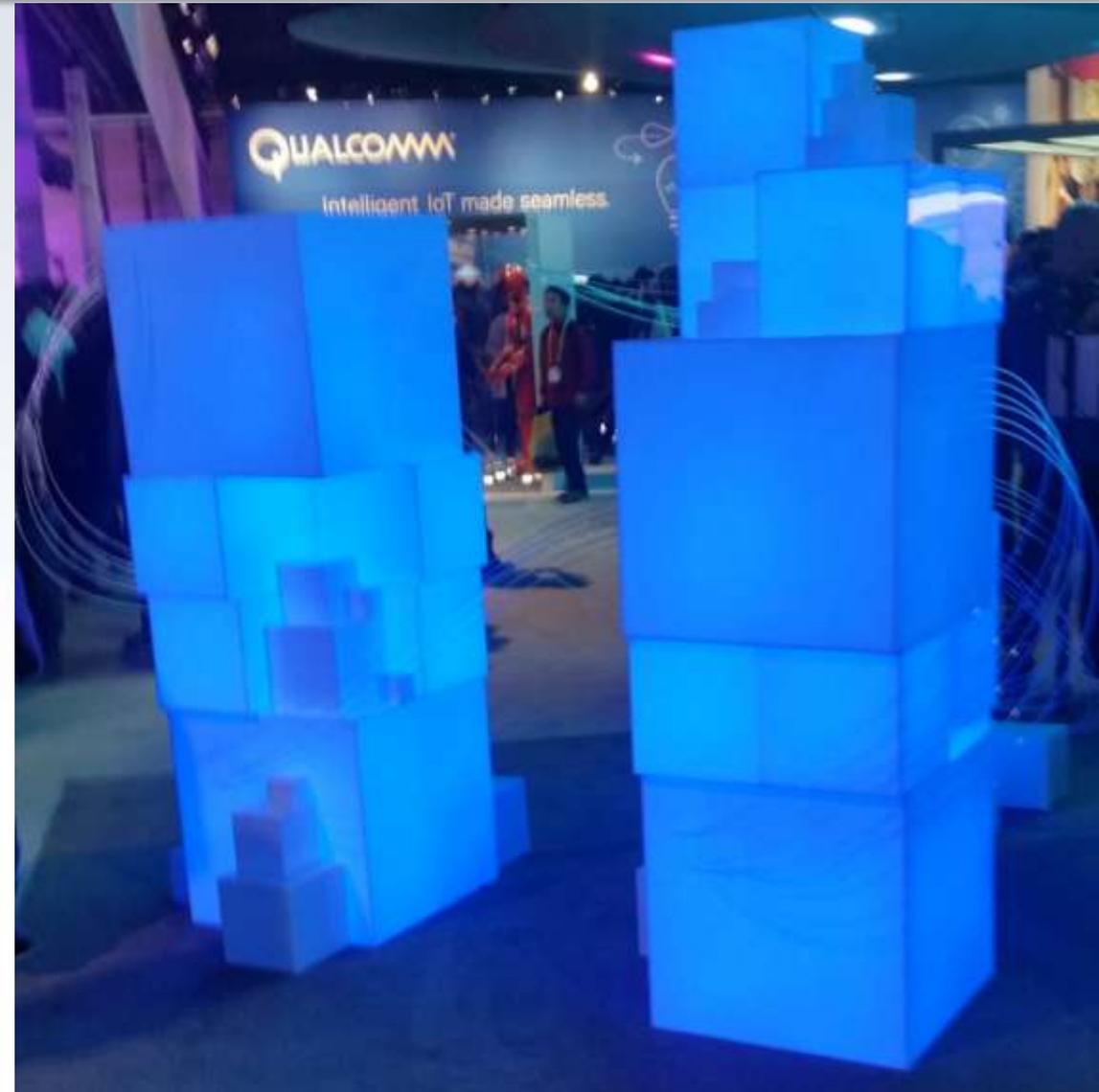
[Volvo Cars adds Microsoft's Skype for Business](#)



# Qualcomm

Intelligent IoT

They are becoming ubiquitous



Assign, Engineer

ASSIGN

<https://www.qualcomm.com/>

# Changhong

## EEG-Brain Control

Contactless EEG brain control device.

Embedded in a headrest, this smart sensor picked up enough brain waves for a user to control the speed of a car in a video game!

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<http://en.changhong.com/>



# Self-Driving Cars: New Rules of the Road

Doug Davis – Intel

Dr. Itay Gat – Mobileye

John Chen – BlackBerry

Mike Snider – USA Today

Infrastructure is missing, sensors, street signs (graffiti)

Regulations can dictate outcome.

Who gets to know your data.

38k died in autos last year

Air travel is automated and much safer

Augmented means combining multiple sensors into reality

Much more valuable to all work together

2021-2030

# Amazon is Enabling the Future of Automotive

CJ Frost – Amazon Alexa

Journey management through Alexa Skills

About the car skills with multiple manufacturers Ford VW

In the car skills e.g. resume song and other enquiries

Assisted shifting much more efficient

Everybody is doing it

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[Alexa Skills : Connected Car](#)

# Accessible Transportation

Soledad O'Brien moderated this panel  
With IBM, Local Motors and P-TECH

Watson looks for what people mean  
What if Olli could communicate with  
Sign language?  
Adapt to passenger's needs?  
Interactive learning



Soledad's mom has Alzheimer's and her son is deaf.

It was sad to see so few people in attendance at this talk.

[Transforming Transportation](#)

<https://localmotors.com/>

<http://www.ptech.org/>

# Printed Electronics Applied in Automotive

2D flexible OLED & transparent touch sensors

Found in Tesla display Daimler, GM, BMW

Multi or single touch and gestures

PolyTC & Coatema nanoimprint lithography

Fast replication using roll-to-roll production techniques.

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<http://www.polyic.com/products/polytcr.html>

<http://www.coatema.de/en/>

# Printed Electronics Advancing Healthcare and Wearable Innovations

FlexOLED & OPD & NSWtech & VTT & czipei.com  
Not there yet, but a lot of research is ongoing  
Paper batteries and RFID temp sensor

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<http://cpc.farnell.com/flexoled/flex01pk1/led-flexi-strip-kit-rgb-30led/dp/DP33007>

<http://www.oe-a.org/home>

<http://smart-power.cn/>

<http://en.czipei.com/>