

Embedded  
COMPUTING  
DESIGN**3rd Annual Embedded Reader Survey**We want your opinions!  
Complete for your chance to win an Amazon Echo DotTake  
this  
quick  
survey

## Automotive Ethernet for vision-based ADAS: Loss, cost, and latency



Brandon Lewis, Technology Editor

Automotive Ethernet is slowly but surely making its way into next-generation vehicle designs, but increasingly those designs also include advanced safety systems that require minimal latency. For the camera systems associated with these advanced driver assistance system (ADAS) functions, the image buffering, encoding, and decoding requirements of Ethernet could potentially have negative consequences on these real-time systems, despite the technology's increased bandwidth.



### **The Inside Story: Leveraging the IIC's Industrial Internet Security Framework**

Sponsored by: RTI

January 17, 2pm ET

## Free MakerPro stuff: What's the real cost?



Jeremy Cook, Engineering Consultant

Perhaps I should start this article off by talking about my “free” dog, Evie. My wife and I adopted her at no cost when she was few weeks old, and she's provided an enormous amount of love and enjoyment. On the other hand, she has cost us thousands of dollars in food, veterinarian fees, a ruined pair of glasses, and many other things damaged or ruined. In other words, getting Evie was one of the best things we've ever done, but there was certainly... [Continued...](#)






## Floored: CES 2017 recap



Brandon Lewis, Technology Editor *and* Rich Nass, Embedded Computing Brand Director

Slide show --- The 2017 Consumer Electronics Show didn't pack  feature a headlining technology like past shows where wearables, driverless vehicles, drones, and augmented/virtual reality took center stage the first time. However, what it did showcase is perhaps more important – evidence that the Internet of Things (IoT), autonomous and electric vehicles, and the technologies that support them are very much for real and here to stay. What follows is some of the highlights I encountered last week at CES 2017 in Las Vegas.... [Continued...](#)

## Manage and update your vehicle fleet remotely and (more importantly) securely



Rich Nass, Embedded Computing Brand Director

If I had to pick one technology that got more than its share of attention at CES, it would be automotive. The products and technologies that were on display in the vast automotive hall (and multiple parking lots) covered pretty much every facet of the car. This includes obvious things like the sound system and other infotainment features to GPS and imaging to lots of other “under the hood” applications. Then you had the underlying technologies, particularly on the software side, including the platforms... [Continued...](#)

## Zinn: Automotive is hot and getting hotter



Rich Nass, Embedded Computing Brand Director

Just back from CES, it was clear that the electronics content in today's cars is huge and growing. The question I asked Ray Zinn in our weekly chat, is whether this content is warranted, or whether it's electronics looking for a home, whether it's a good fit or not.



Ray has a fair amount of experience in this sector, as his former company, Micrel, designed lots of semiconductors that ended up in automobiles. [Continued...](#)

Connect With Us:

FACEBOOK

TWITTER

LINKEDIN

INSTAGRAM

Contact the Editor:

Email: [rnass@opensystemsmedia.com](mailto:rnass@opensystemsmedia.com)

View the latest: [Embedded Products](#) | [Embedded News](#)

View the latest news, articles, white papers, and blogs from our channels:

[IoT](#) | [Dev Tools & OS](#) | [Automotive](#) | [Industrial](#) | [Hardware](#) | [Networking](#) | [Processing](#) | [Storage](#)

**Click here to view this email as an HTML page.**

Last updated: Mon, 16 Jan 2017 17:24:40 +0000

©2015 OpenSystems Media, LLC.

Thank you for reading this issue of *Embedded Daily*,  
subject: "Embedded Automotive: Hot and Getting Hotter".