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Hardware agnostic IoT solution takes customization to the next level



Jamie Leland, Content Assistant

Last year, n.io , an Internet of Things (IoT) software platform company, put forth a universal interoperability and artificial intelligence platform for an agriculture solution, n.io Ag , and was awarded Gold in the Dell Connect What Matters competition, which challenged participants to come up with an IoT solution with real business value using a Dell Edge Gateway for IoT . In their pilot agriculture solution, they outfitted a vineyard with sensors to monitor plants, field conditions, irrigation systems, and mechanical devices and connected... [Continued...](#)



Mobile Device Trends in the Internet of Things

Sponsored by: Ayla Networks and Cardinal Peak
January 19, 2pm ET

I3C: An upgraded interface for a world of sensors



Brandon Lewis, Technology Editor

Enter the Improved Inter-Integrated Circuit (I3C), a next-generation chip-to-chip interconnect capable of supporting not only mobile devices, but Internet of Things (IoT), wearables, and automotive sensor subsystems as well. Below, Foust explains.





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...](#)



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.



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...](#)



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Thank you for reading this issue of *Embedded Daily*,

subject: "MIPI's I3C Interface to Upgrade Performance, Programming Features of Chip-to-Chip Interconnects".