

## IN-VEHICLE INFOTAINMENT FEATURE

### How Automotive Infotainment Can Benefit from OTA Updates

In-vehicle infotainment (IVI) is an increasingly important factor for car manufacturers as they seek to differentiate their vehicles from the competition. When all cars are safe, comfortable, and efficient, IVI can become a significant reason for buyers to prefer one model over another.

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## AUTOMOTIVE NETWORKING FEATURE

### In-Vehicle Networking Requirements for OTA Updates

The in-vehicle network (IVN) is at the core of the connected car. Stand-alone technology domains are to be confined to history ? the future is a pathway of communication links to each device.

[Read more](#)

## AUTOMOTIVE NETWORKING FEATURE

### OTA Updates: Requirements for the Server in the Cloud

To make the ?connected car? a reality, the automotive industry needs to create a secure pipeline that connects to all the devices in the car and enables over-the-air (OTA) updates.

[Read more](#)

AUTONOMOUS VEHICLES FEATURE

## **Embedded Executives: Toni Hogan of Crystal Group on Advancing Autonomous Vehicles**

Crystal Group has delivered high-end processing into harsh, rugged environments for decades. Now, it's moving into the autonomous vehicle prototyping market, providing this field of next-generation engineers with systems that pack up to four high-end GPUs for sensor data fusion and AI inferencing, but fit into the back seat or trunk of a car.

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AUTOMOTIVE DEV TOOLS & OS FEATURE

## **Functional Safety on the Rise as ISO 26262 Takes Page from DO/178 Standards Book with Ada, Spark**

Jamie Ayre and his team at AdaCore recognize the increasing need for functional safety as electronic systems incorporate more software, connectivity, and continue to assimilate with everyday human life.

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ADVANCED DRIVER ASSISTANCE SYSTEMS NEWS

## **Maxim Integrated Offers the MAX20087 ASIL-Grade Automotive Camera Protector IC for Safety-Critical Applications**

Designers can now achieve ASIL compliance for automotive camera modules with the MAX20087 dual/quad camera protector IC from Maxim Integrated Products, Inc.

[Read more](#)

AUTONOMOUS VEHICLES NEWS

## **Real-Time Innovations (RTI) Joins the Autonomous Vehicle Computing Consortium (AVCC)**

Real-Time Innovations (RTI) announced it has joined the Autonomous Vehicle Computing Consortium (AVCC). RTI joins leading OEMs, Tier 1 suppliers and semiconductor companies such as Arm, NVIDIA, and General Motors in an effort to accelerate the delivery of safe and affordable autonomous vehicles at scale.

[Read more](#)

WEBCAST

### **How to Prepare for the Impending Functional Safety Storm**

Sponsored by: **BlackBerry QNX**

Date: **March 26, 11:00 a.m. ET**

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AUTOMOTIVE DEV TOOLS & OS FEATURE

## **Qualifying the ISO 26262 Toolchain for Automotive Software Development**

Going deeper down the rabbit hole of modern software development at embedded world 2020, Eric Perlade, Technical Account Manager at AdaCore discusses how the formal proofs built into functional safety programming

languages like Spark can accelerate your time to compliance for ISO 26262 qualified systems.

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