



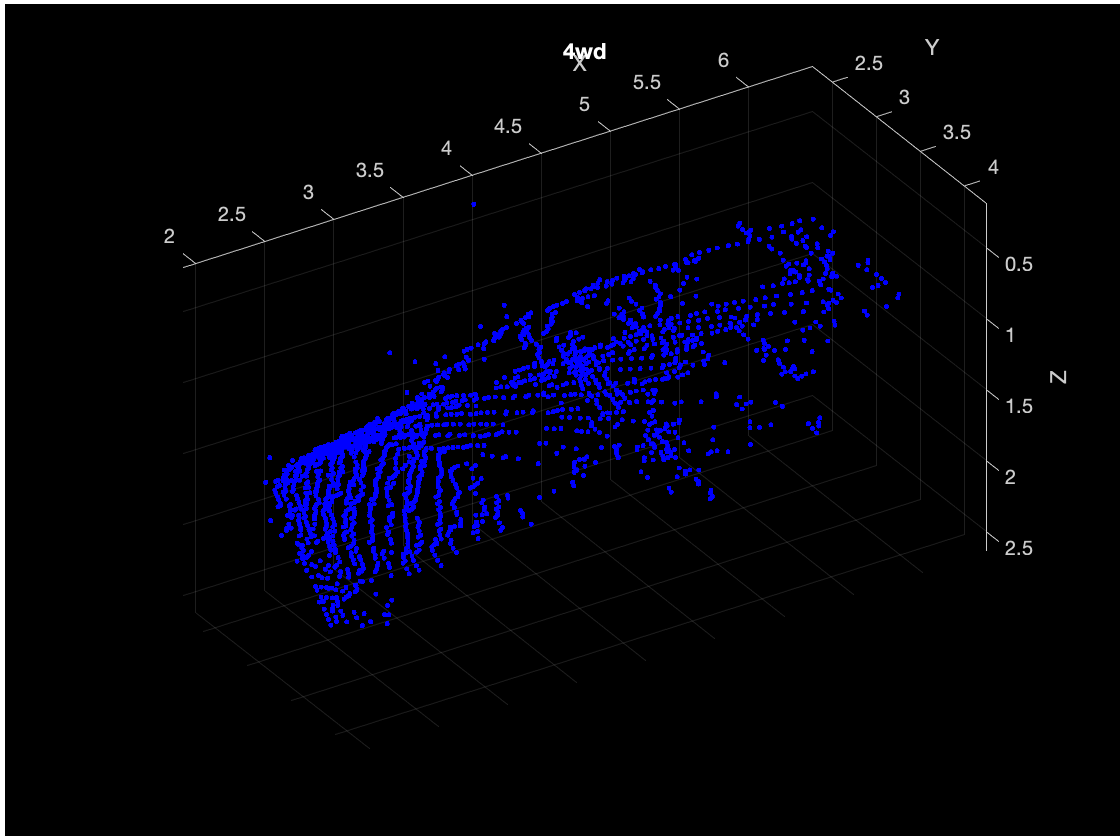
AUTOMOTIVE TECHNOLOGY FEATURE

How Six Companies Are Using AI to Accelerate Automotive Technology

The automotive sector has adopted a great number of AI innovations that are not only utilized for vehicle path planning and obstacle avoidance, but incorporated in every step of development from gathering parts for manufacturing, to testing software, to modeling how these systems will function on the road.

For example, BMW Group is one company making use of AI in their factories with tools like the NVIDIA Isaac Robotics 2020.1 platform.

[Read more](#)



AUTOMOTIVE INDUSTRY NEWS

Yole Analysts Estimate The Global Market for Radars, Cameras, LiDARs, and Computing ADAS

At Yole, analysts estimate, the global market for radars, cameras, LiDARs and computing ADAS should reach US\$8.7 billion in 2020.

[Read more](#)



AUTOMOTIVE PROCESSING NEWS

eMCOS POSIX Commercial OS Supports Kalray's Coolidge Processor for Mixed-Criticality Systems

The eMCOS POSIX real-time operating system (RTOS) from eSOL, now supports the Coolidge third generation Massively Parallel Processor Array (MPPA) intelligent processor developed by Kalray.

[Read more](#)

AUTOMOTIVE SECURITY NEWS

Rambus CryptoManager Root of Trust Cores Certified ASIL-B/D Ready for Security in Automotive Applications

These automotive-grade secure co-processor IP safeguards SoCs in V2X communications, ADAS, ECU platform management, infotainment, and other critical vehicle systems.

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AUTOMOTIVE PROCESSING NEWS

Ambarella's AI Vision Processor Meets Automotive Safety Goals with Mentor's Tessent Safety Ecosystem

Mentor announced that its Tessent software Safety ecosystem helped artificial intelligence (AI) vision silicon company Ambarella Inc. meet in-system test requirements and achieve ISO26262 automotive safety integrity level (ASIL) goals for its CV22FS and CV2FS automotive camera system-on-chips (SoCs).

[Read more](#)

AUTOMOTIVE POWER ELECTRONICS NEWS

Electric Power Steering System Supplier JTEKT Selects SPARK Pro for Safety-Critical Automotive Software

AdaCore announced that JTEKT has adopted AdaCore's SPARK Pro tool suite and the GNAT Pro Common Code Generator (CCG) to aid in the development of safety-critical power steering system software.

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AUTOMOTIVE LIGHTING NEWS

Inova Semiconductors Provides Standalone ISELED LED Driver & Controller in Volume Production

Inova Semiconductors offers the driver chip as a standalone solution. The standalone ISELED driver is now available in volume production and is AEC-Q100 qualified.

[Read more](#)

AUTOMOTIVE DEVELOPMENT TOOLS NEWS

High Vehicle Performance with Vector's PREEvision 9.5

PREEvision 9.5 helps to develop future-proof E/E systems based on high-

performance computers (HPCs) and the AUTOSAR Adaptive platform. With PREEvision developers can integrate HPCs and AUTOSAR Adaptive into existing architectures.

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WEBCAST

Embedded System Security Across the Supply Chain

Sponsored by: **BlackBerry QNX**

Date: **July 23, 11:00 a.m. ET**

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AUTOMOTIVE SECURITY FEATURE

Securing the Automobile in a Connected World

Who would have thought that someone would want to hack an automobile? About five years ago, someone hacked into a Jeep, and that forever changed the outlook on automotive security.

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