

INVENTION STORY

Trial & Error: The Road to the Invention of Tesla's Model S

Who was Tesla's first CEO? (Hint: It's not Elon Musk.)

What was the company's first car? (Hint: It's not the Model S.)

How did Tesla get its start? (Hint: Read on.)

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AUTOMOTIVE NETWORKING NEWS

ISO 21111 Complements IEEE Std 802.3bv for Overall Standardization of Optical Gigabit Connectivity

KDPOF welcomes the publication of two additional standards in the frame of the international in-vehicle Ethernet ISO standard series 21111.

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AUTOMOTIVE NETWORKING NEWS

Single-pair Ethernet PHY Offers Ultra-low TC10-compliant Sleep Current, Functional Safety Ready

Microchip Technology announced the LAN8770, an OPEN Alliance TC10 sleep standard Ethernet physical layer transceiver (PHY). According to the company, the device features the industry's lowest sleep current, less than 15 μ A.

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AUTOMOTIVE TESTING NEWS

Rohde & Schwarz Presents Economy Vector Signal Generator for

Automotive, IoT, and Education Sectors

Rohde & Schwarz GmbH announced the R&S SMCV100B economy signal generator. In the automotive industry, the R&S SMCV100B can be used for end-of-line testing of car radios or GNSS navigation equipment.

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AUTOMOTIVE INDUSTRY NEWS

RTI Joins the Baidu Apollo Autonomous Driving Partner Ecosystem

Real-Time Innovations (RTI) announced it has joined the Baidu Apollo autonomous driving partner ecosystem. Apollo is Baidu's open-source full-stack software solution for driverless vehicles.

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AUTOMOTIVE DEVELOPMENT TOOLS NEWS

Continental Puts Its Own Supercomputer for Vehicle AI System Training, Powered by NVIDIA DGX, Into Operation

Continental has invested in setting up its own supercomputer for Artificial Intelligence (AI), powered by NVIDIA InfiniBand-connected DGX systems, offering computing power as well as storage to developers in locations worldwide.

[Read more](#)

AUTOMOTIVE INDUSTRY NEWS

Fibocom Wireless to Acquire Sierra Wireless Automotive Embedded Modules Business

Fibocom reached an agreement with three investment institutions to acquire the automotive embedded module product line of Sierra Wireless through its joint venture company.

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AI AND MACHINE LEARNING FEATURE

Artificial Intelligence and Machine Learning ? Path to Intelligent Automation

By executing deep learning algorithms on the image data set that are captured by thermal cameras, it is possible to identify pedestrians in any weather condition. It can cover a larger or small part of the image based on distance. There are few deep learning algorithms like Fast R-CNN or YOLO that can help achieve this automation making autonomous cars safer and efficient on

roads.
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