

China Vehicle BUS & Network Security Forum 2016



January 18-19, 2016
Crowne Plaza Century
Park Shanghai





Popular Topics:

- Development Trend and Application of Car BUSES
- Technical Standards and The Latest Automotive Ethernet Applications
- How to Ensure the Security of the Internal Network of the Telematics-based Car
- Auto Body Network Control and Network Security Technology
- Successful Application of AUTOSAR on The Car
- The Breakthrough Change of Automotive Cabin Audio Architecture by A2B technology
- CAN Bus-based Automotive Body Electronic Design
- Networked Automotive Central Body Control Module (Gateway) Solution
- How to Deal with the Rapid Development of Automotive Wiring Harness Bus
- Vehicle E/E Architecture Design Trends
- The Commissioning and Analysis of The Auto Bus
- Solution and Case Sharing for CAN FD Test
- Renewable Energy Vehicle Bus System Control
- Solution for Auto EMC Test
- Application of Hardware-In-Loop (HIL) Real-Time Simulation in the Auto Control System and Key Technology
- Interpretation on ISO-26262 Security Level Breakdown Methodology and Case Sharing

Organizer:



Sponsor:



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Background

The traditional electrical system often follows point-to-point single communication mode with little mutual communication, which inevitably leads to huge wiring system. With the automation and intelligence of the auto system control, the electrical system of the auto, in particular the auto bus, becomes more and more complex. In terms of the material cost or operation efficiency, the traditional wiring methodology could not accommodate the growth of the modern car. In addition, in order to meet the real-time requirement on the electronic system, it is a must to share the auto common data. However, the requirement on the real-timeness of each control unit differs. Therefore, the traditional electrical network could not adapt to the development of the modern auto electronic system, and the bus technology for the new car emerges at the right moment. With the popularity of the auto telematics in recent years, there are lots of risky factors while people could enjoy the convenience and comfort brought by the telematics. The black-hat hacker conference to be held in Las Vegas this year will focus on the auto intrusion technology. On the part of the hackers, the cool new functions brought by the telematics and electronization just become their mouthwatering target. Such behavior just shows how the company is indifferent to the security when adopting the new technology in a hurry.

In this conference, the network security of auto body and the latest development of bus system are discussed from the perspective of the network security of cars, body control module, the latest development technology of bus, testing of bus, design of electronic structure, etc.

In addition, it is hoped that practitioners can touch the latest policies, standards, technologies and market trends through this conference, which is also a platform to promote communications and corporations, thus all practitioners may seize opportunities and face challenges with joint efforts.

Attendees

- Presidents/Vice
- Presidents/CEOs/COOs
- Board Members/General Managers
- Directors/Commercial Managers
- Sales Directors/Managers of International Marketing
- Directors of Business Development
- Directors of Strategic Development
- Directors of International Market
- Regional Directors/Managers
- Directors of Research and Development
- Technology Directors/Managers
- Directors/Managers of Sustainable Development
- Quality Director
- Directors/Engineers of Electronics and Electric Technology

Sectors

- Government Organizations
- Industry Associations
- Research Institutions
- Automobile Manufacturers
- Suppliers of Raw Material
- Electronic Assembly Enterprise
- Suppliers of Electronic Components and Enterprise Instruments
- Software Suppliers
- Wire Harness Suppliers
- Certification and Inspection Institutions
- Investment Institutions
- Semiconductor Enterprises
- Bus System Solution Enterprises
- Internet Security Companies

Guest Speakers

- China Automotive Technology & Research Center
- Toyota
- Volkswagen
- Intrepidcs
- Analog Devices
- BOSCH
- Open Automotive Alliance
- Yazaki
- SAIC Motor
- Citroen
- Geely
- BYD
- dSPACE
- Continental AG

ECV reserves the right to modify the agenda, and the final agenda will be released 1 week before the opening of the summit

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Day One

08:30 **Sign-in**

09:00 **Development Trend and Application of Car Buses**

- Ethernet
- Flex Ray
- CAN
- LIN
- MOST

Hui Rong

Director of Electronic Technology Research
China Automotive Technology & Research
Center

09:40 **Technical Standards and The Latest Applications on the Auto Ethernet**

Open Automotive Alliance

10:20 **Tea Break and Networking**

10:50 **How to Ensure the Security of the Internal Network of the Telematics-based Car**

- How Hackers Break Internal Network to Remote Control Car
- How to Protect Car Vehicle Bus Network Against Hackers
- Influence of OBD application

Asaf Atzmon

Director of Safety of Internet of Things
Cisco

11:30 **Auto Body Network Control and Network Security Technology**

Hideki Goto,
Automotive Software Engineering Division
Toyota

12:10 **Lunch and Networking**

14:00 **Solution and Case Sharing for CAN FD Test**

- Application field of CAN FD
- Performance Overview of CAN FD
- Advantages of the CAN FD and other Buses

Intrepidcs

14:40 **The Breakthrough Change of Automotive Cabin Audio Architecture by A2B technology**

Philip Shen

System Application Manager
Analog Devices

15:20 **Tea Break and Networking**

15:50 **Successful Application of AUTOSAR on The Car**

Zhe Jing

Senior Manager
Automotive Systems Integration China (C/AI)
AUTOSAR China Representative
Bosch

16:30 **CAN Bus-based Automotive Body Electronic Design**

Volkswagen

17:10 **Building Comprehensive Security into Vehicles**

Brian Witten

Sr. Director, IoT
Symantec Corporation



17:50 **End of Day One**

Day Two

09:00 **The Commissioning and Analysis of The Auto Bus**

- Process Approach for The Commissioning and Analysis
- Testing Tool Approach for Bus
- Testing Standard for Bus

Mr. Hao Fei

Director of Electronic & Electric Dept
SAIC Motor Technical Center

09:40 **Vehicle E/E Architecture Design Trends**

- Product Platform
- Standardized Design
- Optimization of The E/E Architecture

Robert Seidler

Engineering Director
Delphi

10:20 **Tea Break and Networking**

10:40 **Renewable Energy Vehicle Bus System Control**

Zhang Long

Electronics Director
BYD

11:20 **Solution for Auto EMC Test**

- EMI test
- MIS test
- Electronic protection components

Ariel LECCA

EMC Manager
Citroen

12:00 **Lunch and Networking**

14:00 **Application of Hardware-In-Loop (HIL) Real-Time Simulation in the Auto Control System and Key Technology**

- Experimental Management Software
- Real-time Software Module
- Actual Application of HIL in The Auto

dSPACE

14:40 **Networked Automotive Central Body Control Module (Gateway) Solution**

- Vehicle Topology Scalability
- Vehicle Safety and Vehicle Network Data Confidentiality

Open for Sponsor

15:20 **Interpretation on ISO-26262 Security Level Breakdown Methodology and Case Sharing**

- ISO-26262 Process Experience and Difficulties
- Third Party Function Security Inspection and Evaluation Experience

Stefan Bunzel

Head of Project Management Office
Continental Automotive Systems

16:00 **Tea Break and Networking**



16:30 **How to Deal with the Rapid Development of Automotive Wiring Harness Bus**

- Overcome the Difficulties in the growing number of bus system
- How to Reduce the Cost of Wiring Harness

Götz Roderer

Director Central Engineering

Yazaki Systems Technologies GmbH

17:10 **End of Day Two**

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Please complete this form and fax back to us at 86 21 6605 2939

Registration Form

Organization/Company _____

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Tel _____ E-mail _____

Name _____ Job Title _____

Tel _____ E-mail _____

Name _____ Job Title _____

Tel _____ E-mail _____

Authorization

Name _____ Job Title _____ Payment Manager _____

Registration Fee **RMB 12989 /per person**

- A. More than 3 delegates enjoy 10% discount.
- B. The fee is inclusive of two days conference, conference materials, two luncheons and all refreshments. Accommodation and travel is not included.
- C. Simultaneous translation (from Mandarin to English and vice versa) for the entire event.

Payment Method

By TT

You will receive a payment notification after we get your Registration Form.

Payment is required within 5 working days on receipt of the payment notification.

By other Method

If TT transfer is not convenient for you, please inquiry us about other payment method.

General Information

- A. The Delegate should pay the total Registration Fee to ECV within Five (5) working days upon signing of this agreement by both Parties.
- B. Should Delegate cancel the Registration, a charge of 50% of the Registration Fee, plus 10% administrative charge will be billed by ECV to Delegate for the cancellation received by ECV in writing at least FOUR (4) weeks prior to the commencement of the Event.
- C. Cancellations by Delegate less than FOUR (4) weeks prior to the commencement of the Event will not be accepted and payments will not be refunded and invoiced sums will be payable in full by Delegate.
- D. ECV will refund Delegate the entire Registration Fee if the Event is cancelled FOUR (4) weeks prior to the commencement of the Event. ECV will refund Delegate the entire Registration Fee. If, for any reasons, the Event is postponed, ECV will inform Delegate of the postpone in writing at least FOUR (4) weeks prior to the commencement of the Event or ECV will refund Delegate the entire Registration Fee.

For more detailed information, please contact ECV International.

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