



AGENDA

Technology Exploration for Electric Vehicles

Join us either on 22 or 23 August 2022

Event Information:

- 📅 22 and 23 August 2022
- 🕒 9:00pm - 4:00pm
- 📍 VinFast Office, Hai Phong, Vietnam

Sessions:

01

After Sales & Customer Service

9:00am - 10:00am (GMT +7)

Discover how you can create and manage service/maintenance engineering data (such as service BOM, repair and maintenance methods) in digital continuity with configured engineering definition of the vehicle.

This way, you can also reflect regulation compliance, after-sales rules fulfilment, serviceability studies and feedback from field operations on a virtual twin.

SOLUTION COVERAGE:

- Design For Service
- Service Process Engineering
- Service Tooling
- Data Driven Business Performance

CUSTOMER CASE STUDY:

- Renault

02

Smart Safe Connected

10:00am - 11:15am (GMT +7)

This session demonstrates an integrated platform for MBSE, electrical, mechatronics and software development. The goal is to accelerate product and service innovation while fortifying your ability to manage embedded systems and electronics. With industry and safety standards fulfilled, you can then re-focus your team on strategic new innovations.

SOLUTION COVERAGE:

- Vehicle Systems Architecture, Requirements Engineering, Verification & Validation
- Electrical, Electronics & Software Architecture, Integrated Software Engineering, Electronics Design Integration
- Wire Harness Electrical Engineering, Fluid Systems Engineering
- Thermal Performance, Vehicle Noise & Vibration, Vehicle Aerodynamics, Vehicle Antenna & Sensor Design & Placement, Electronics System Performance Management
- ADAS/AD-Testing & Simulation

CUSTOMER CASE STUDY:

- Renault
- Kreisel
- GLM

03

Global Modular Architecture

11:15am - 12:15pm (GMT +7)

How can you resolve new development challenges and go beyond traditional Product Data Management? With an enterprise systems engineering approach, you can drive early bill of materials, alongside a configured Digital Mock-Up to minimize design engineering complexity.

SOLUTION COVERAGE:

- Business Driven Portfolio & Product Planning, Requirements Engineering, Verification & Validation, Continuous Product Development
- Collaborative Engineering Definition, 3D Digital Mockup Validation, Enterprise Change & Release Process, Collaborative Engineering to Manufacturing
- Sustainability Driven Engineering

CUSTOMER CASE STUDY:

- Renault
- Tesla
- Canoo

04

On-Target Vehicle Launch

1:00pm - 2:00pm (GMT +7)

Pick up how you can address challenges associated with vehicle development, from Concept to Manufacturing Validation.

SOLUTION COVERAGE:

- Part Fabrication Process Engineering
- Production Line Definition & Validation
- Assembly Robot Programming & Simulation
- Manufacturing Virtual Commissioning
- Assembly Process Engineering & Virtual Build

CUSTOMER CASE STUDY:

- Tesla
- NIO

05

Lean Production Run

2:00pm - 3:00pm (GMT +7)

With an end-to-end solution, global manufacturers can deliver comprehensive planning, scheduling and execution capabilities. This helps answer market demand efficiently with intelligent sales and supply planning, optimize production plans and gain full control of manufacturing execution within and across plants.

SOLUTION COVERAGE:

- Supply & Demand Planning (S&OP), Master Production Schedule
- Material Synchronization, Quality Execution, Production Scheduling, Production & Maintenance Execution
- Lean Operations Management
- Manufacturing Control Tower

CUSTOMER CASE STUDY:

- Faraday Future
- Valeo

06

Virtual Garage

3:00pm - 4:00pm (GMT +7)

Learn more about how you can improve speed, quality and reach of digital product promotion, while interacting across different touchpoints to enhance awareness, lead generation, sales revenues and margins.

SOLUTION COVERAGE:

- Marketing Intelligence
- Marketing Model Preparation
- Agency Data Collaboration
- Marketing Assets Creation
- Marketing Interactive Touchpoint
- Instant Product Communication

CUSTOMER CASE STUDY:

- Lamborghini