

Model-based systems engineering

A Strategic Opportunity for Faurecia

VIDEO TRANSCRIPT

Patrick Nebout-Chief Technology Director-Faurecia

Today, automotive cockpits are becoming more and more complex and intelligent.

Our strategy is to combine several elements to create a new user experience.

Maxence Tilliette-Managing Director-Accenture

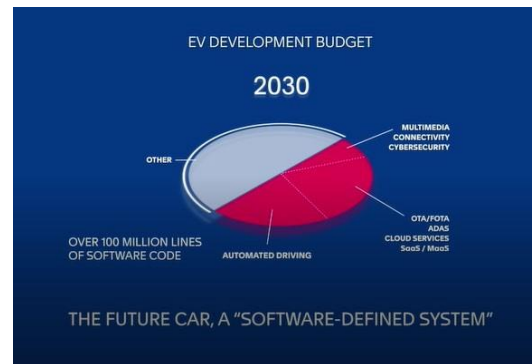
MSBE is a new engineering approach in the automotive industry.

A model-based approach allows for the engineering of more complex systems, by enabling better collaborations between engineering domains, and by providing digital tests instead of physical tests. In aeronautics, MBSE has reduced engineering costs by 30% and time-to-market by 20%.

Comprehensive and robust product development process

Arnaud Jaffuel-Senior System Engineering Manager-Faurecia

Modelisation helps to understand complexity and to identify problems during the design phases. In 2030, software will represent 50% of vehicle cost.



A collaborative process reinforcing customer satisfaction

(Patrick Nebout-Chief Technology Director-Faurecia)

Sharing analyses and solutions of several options is a big advantage

for OEM global programs like seat platforms. This way, we can control all our costs and secure delivery.

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