

WELCOME

MODEL BASED SOFTWARE IMPLEMENTED QUICKLY AND EASILY

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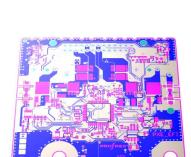
Agenda

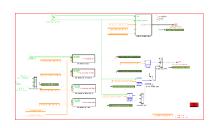
- #1 The future of Motor Management System
- #2 Ensure competitiveness of Motor Management System
- #3 Easy implementation of Model Based Software
- #4 Questions and Answers



Daily Challenges













"MY SUPPLIER WILL CONTINUE TO DELIVER MY MOTOR MANAGEMENT SYSTEM IN THE FUTURE!"

ARE YOU SURE?





The future is electric Market strategies are changing



Why the Automotive Future is Electric

NOVEMBER 23, 2022 BY MARK ALLINSON — LEAVE A COMMENT

- The focus is clearly on an electric future
 - Both for strategic reasons and
 - due to engineering capacity
- Traditional ECU Suppliers will probably not support combustion engines in the future

Where does that leave you?



Will you get the flexibility for your customer-specific requirements?



- 70 ECU's per car
- Numerous connections between ECUs and SW applications



Competitiveness



"MY MOTOR MANAGEMENT SYSTEM IS COMPETITIVE!"

ARE YOU SURE?





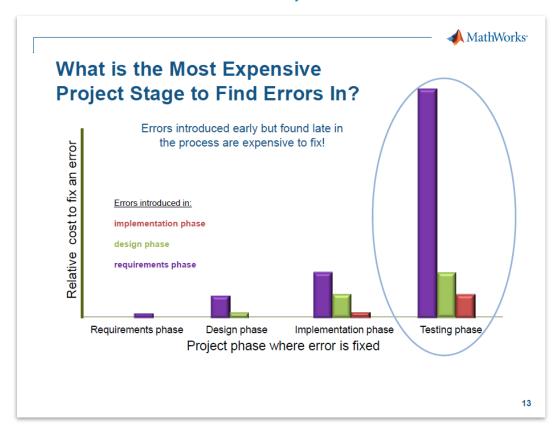
You don't get the support for your control units you need!



- Redesign phases are complex and unpredictable
- ECU's are often automotive-specific and not flexible
- Development and test cycles are expensive



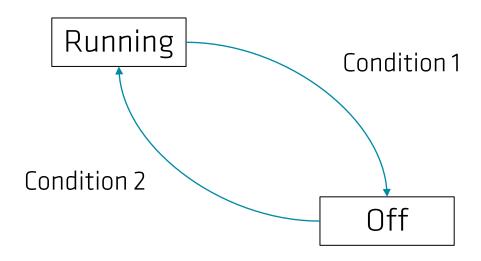
Development and test cycles are expensive Software Development Process



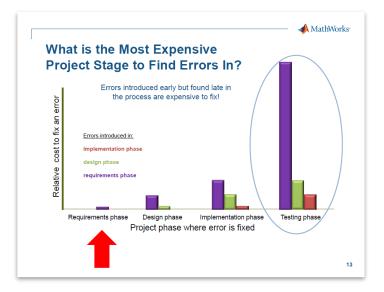
- Reason for high costs within projects?
- Finding an early made mistake in a late stage!



Simulation is key Software Development Process



- Simulation offers results <u>before</u> test phase
- Quality is independent of the risk "human"
- No knowledge and no technology is lost





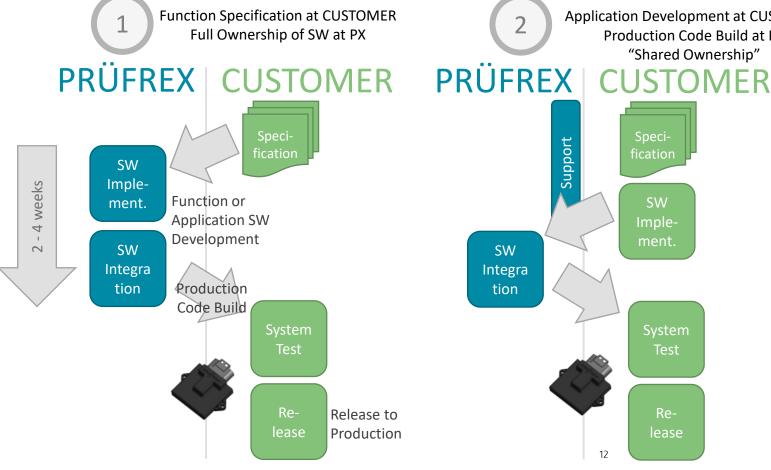
"MODEL BASED DEVELOPMENT IS COMPLICATED IN PRACTICE!"

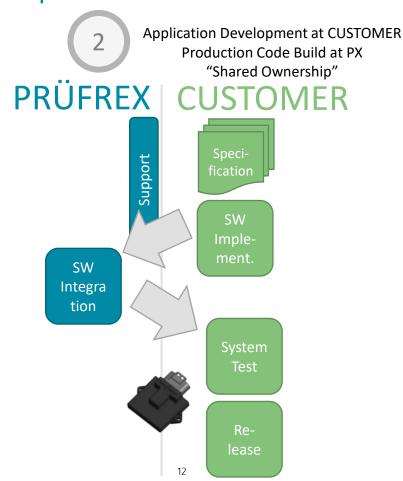
ARE YOU SURE?

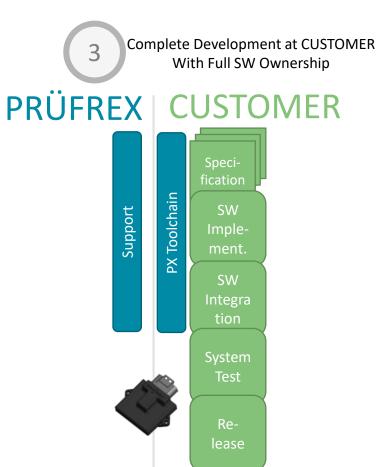




Different approaches of function development ... what does CUSTOMER prefer?







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Model Based Development For Easy Handling Software Development Process



- Time-saving
- Cost-saving
- Requirements for software knowledge reduced
- Process risk minimized



Your Partner for Motor Management Systems

- ECU suppliers clearly repositioning to focus on E-Mobility Market
- Software will play a major role in engine applications in the future.....
- PRUFREX has got a long-term committed to Combustion Engines
 Motor Management Systems
- Direct support by PRUFREX Engineering Team







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Contact us



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