

Application Recommendation for MOST[®] Core Functionality

All Members Meeting of MOST Cooperation, March, 31st 2009

- 1) Introducing RUETZ SYSTEM SOLUTIONS
- 2) Intention
- 3) Test Strategies
- 4) Test Contents
- 5) Summary

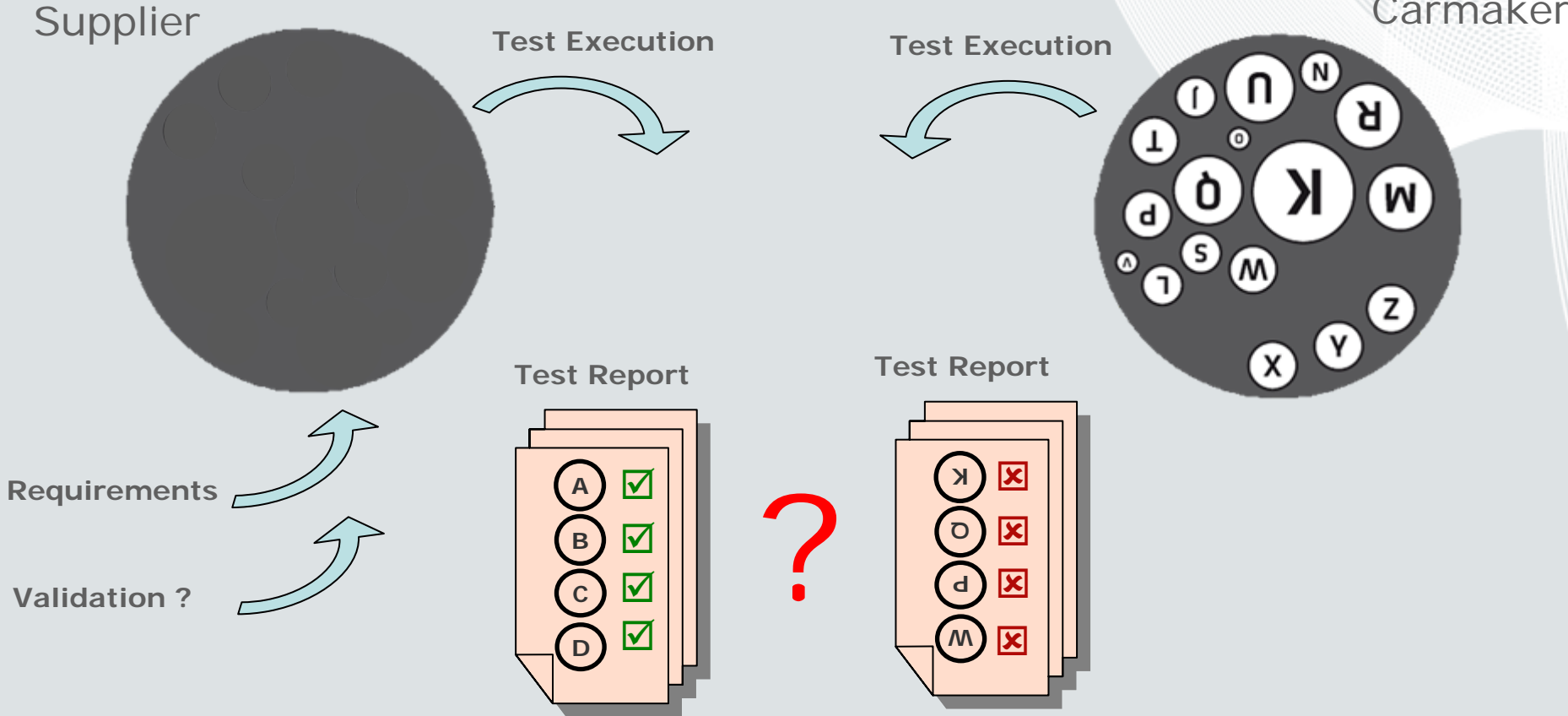
RUETZ SYSTEM SOLUTIONS is specialised in car infotainment based on **MOST® Technology** with a main focus on:

- MOST Compliance Test House
- Professional Services for MOST
- Test and measurement systems for MOST
- Training and qualification for MOST

-> Reliable since eleven years of MOST Technology <-

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Intention



Intention

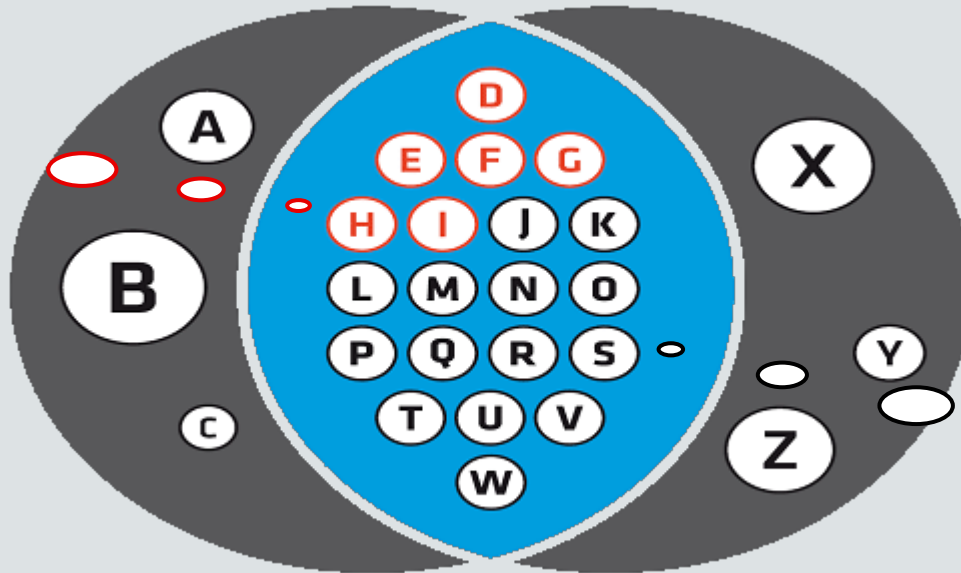
Supplier

develops control devices rather than specifications or test tools

Carmaker

specifies function scopes and checks successful implementation

Compliance Verification



Application Recommendation

Automotive Test House

concentrates on error recognition
and supports car manufacturers and suppliers

Comparing Compliance and Application Recommendation

	Compliance	Application Recommendation
Purpose	functionality and conformity	quality and reliability
Established by	MOST Cooperation	car manufacturers, MCTHs
Content	functional test of specified contents	qualification, characterisation
Goal	Declaration of Compliance	Recommendation for Release
Requested by	MOST Cooperation	car manufacturers
Performed by	MCTH	MCTH
specification	MOST Core Compliance Test Specification	Application Recommendation for MOST Core Functionality

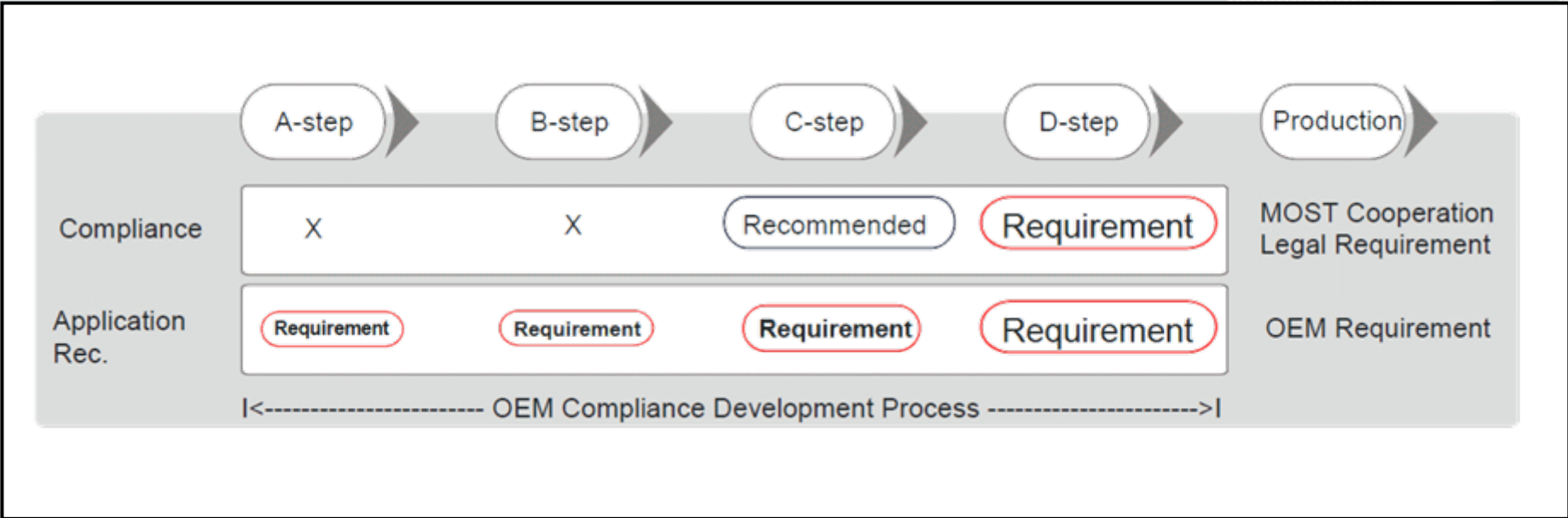
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strategies for quality / performance testing:

- testing stress scenarios
 - testing robustness
 - testing failure tolerance
 - including well known issues
- out of system integration experience

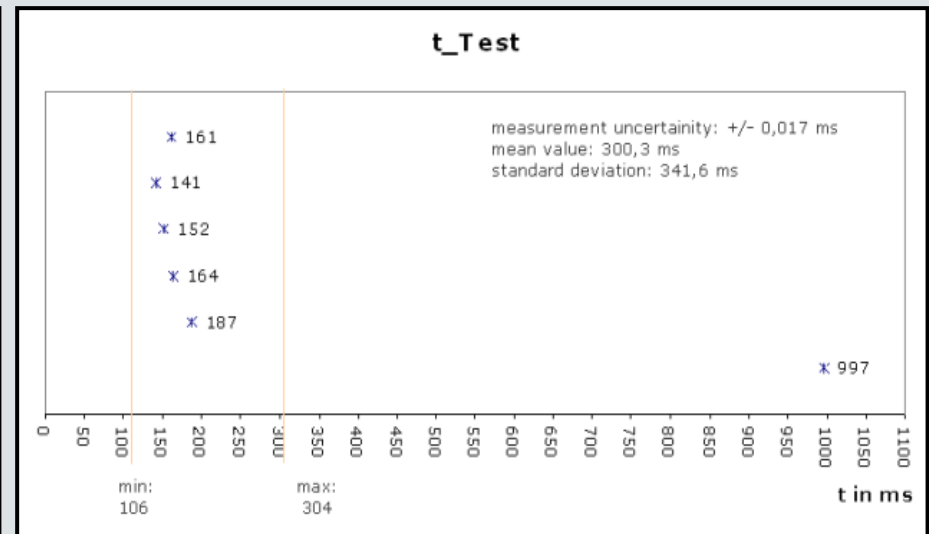
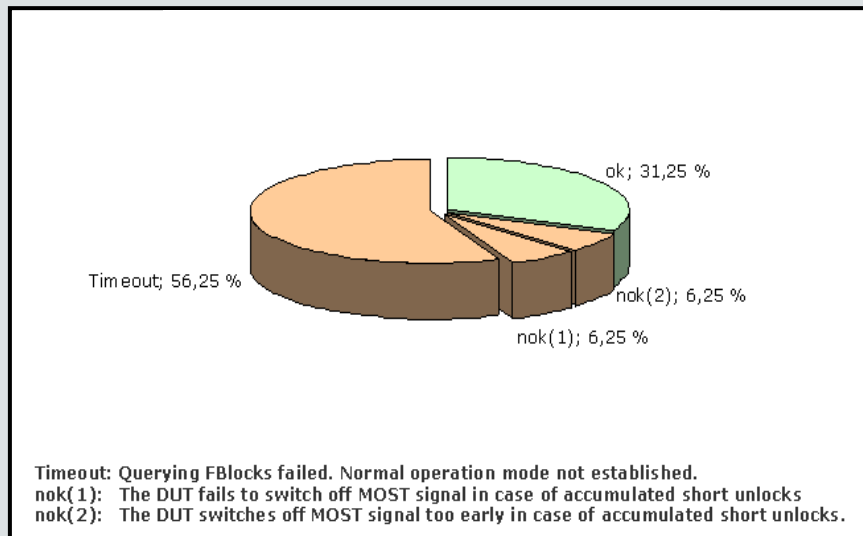
Test Strategies

Recommendation for test execution within a system integration process



Test Strategies

- detailed result evaluation
- characterisation of measured values
- recommendation of the MCTH



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Available now:

Application Recommendation For MOST Core Test Specification

Part 1 Version 1.0:

- Statistical evaluation of Core Compliance Test contents

Part 2 Version 1.0:

- Wakeup
- General Functions
- System Configuration
- Ring Break Diagnosis
- Stress (Control Channel)

Available soon (Q2 /2009):

Application Recommendation For MOST Core Test Specification

Part 2 Version 1.1:

- Notification and Addressing
- Synchronous Channel
- System Configuration Management

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Summary

What are the benefits?

Cost reduction

- through earlier recognition of more errors by the suppliers
- synergy effects in development of tests
- test solutions can be standardized

Better quality

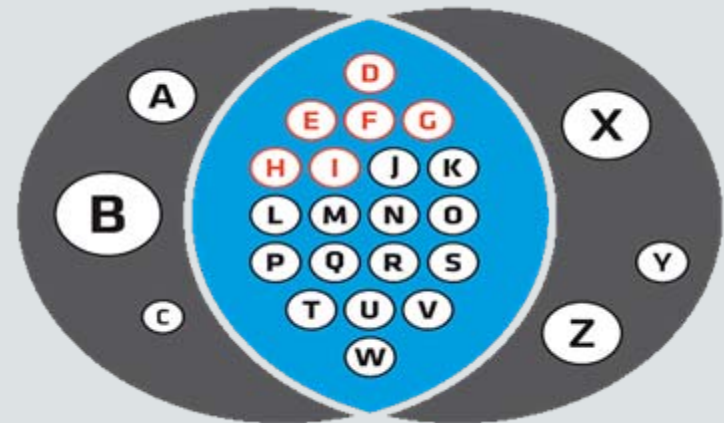
Outsourcing of testing is possible!

Greater transparency for all

Supplier

MOST Technology

Carmaker



Presentations at our booth

TTsuite MOST 150

- Video Streaming over MOST
- Testing Control Channel and MEP synchronously
- Analysis of Ethernet Data

MOST HIGH

- Extended Core Compliance Tester



Thank you for your attention
please visit us at our booth!



Georg Janker Geschäftsführer / CTO

RUETZ
SYSTEM SOLUTIONS

Wolfgang Malek Geschäftsführer / CEO

RUETZ
SYSTEM SOLUTIONS