

Advanced concepts for Profile Compliance/Application Testing

- 1. Short introduction of RUETZ SYSTEM SOLUTIONS GmbH**
- 2. Experience from the Profile Compliance projects**
- 3. Advanced Concept for Profile Compliance**
- 4. Benefits**
- 5. Conclusion**

MOST Compliance Test House Services for Optical and Electrical MOST:

Limited Physical Layer Compliance

Core Compliance

Profile Compliance

Electrical MOST in cooperation with UNITEC Ltd. JAPAN

Consulting & Engineering:

Support for entire system integration processes

Development of MOST system specifications

Training and Workshops:

MOST Foundation Training

MOST INIC Training

MOST Netservices V2 Training

Customer Specific Workshops

Company Profile

Products

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TESTERLYZER pro Compliance :

Network Core Compliance testing
OEM add ons



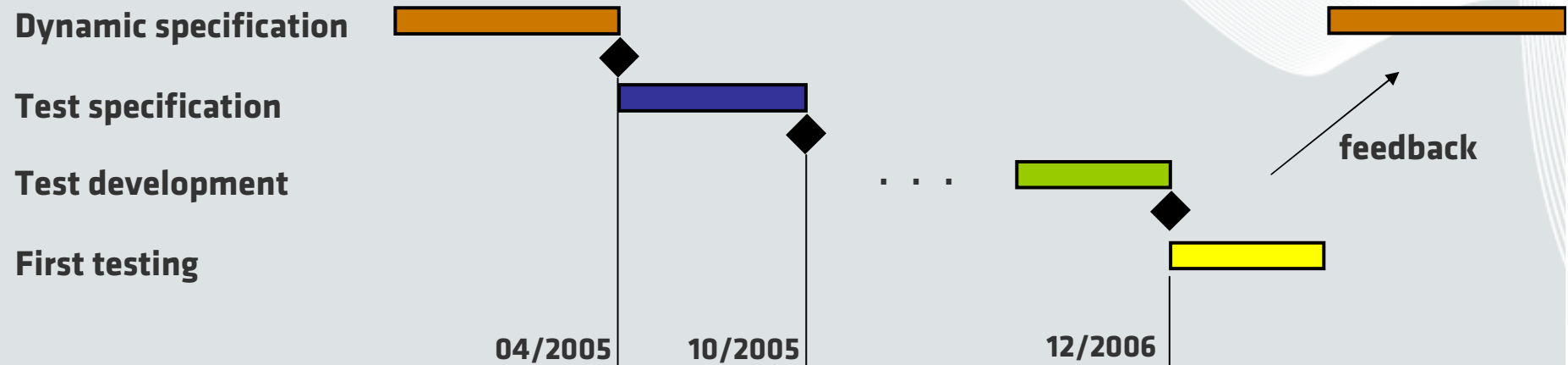
TTsuite-MOST:

Application testing with TTCN-3 standard
Graphical test definition format



Profile Compliance Experiences

Traditional specification release schedule: (Example Connection Management)



Experience:

first feedback from testing comes very late

long quality improvement cycles

Profile Compliance Experiences

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Experience Summary:

Process took too much time and too much effort until release
Process did not correlate to Car manufacturer projects

→ **Everybody did its own solution**

→ **less interoperability between OEM solutions**

Conclusion:

The process had to be changed

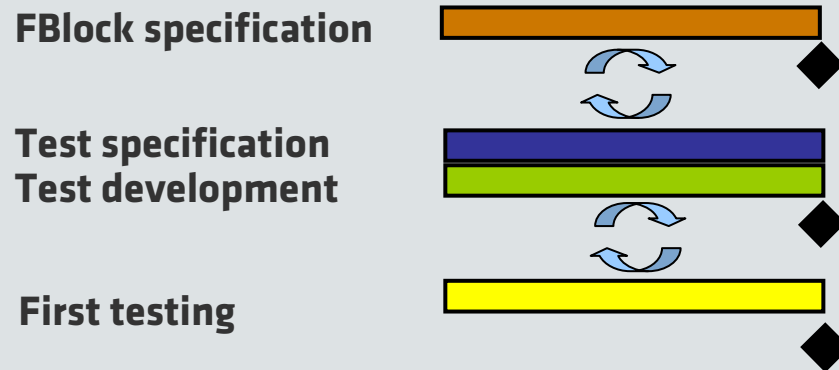
MOSTCO Test Specifications should be available on time

MOSTCO Test Specifications should be expandable for OEM add ons

MOSTCO Test Specifications should be derived out of OEM projects

We need a standardized platform for Application Testing

Specification release scedule:



Experience from the very beginning

Test specification and test development in one step

Feedback can be adressed at once and through all levels

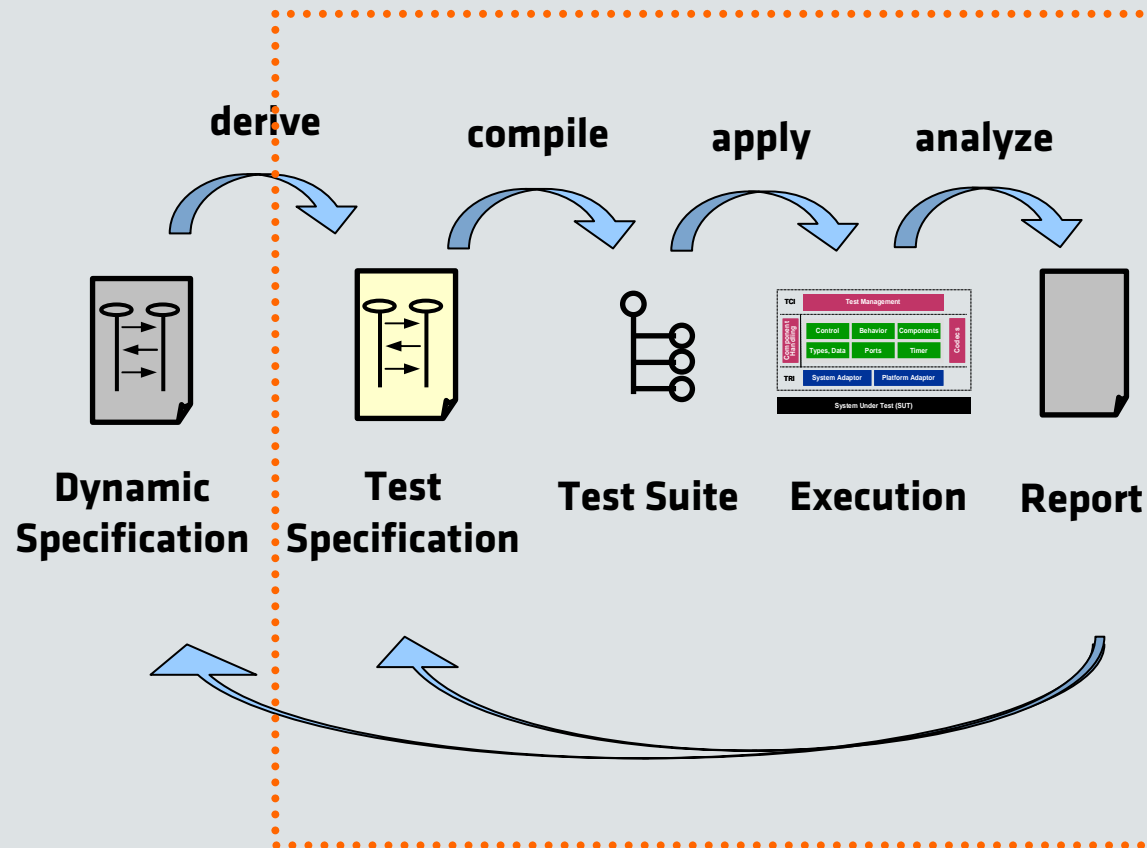
Improvements can be done within the first release phase

Advanced Concepts

How to speed up test definition

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Feedback of test specification and testing



TTsuite-MOST
speeds up your
test development cycles!

Advanced Concepts

TTsuite-MOST

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standardized test technology

for fast and easy specification compliant test definition, implementation and execution.

easy for communication

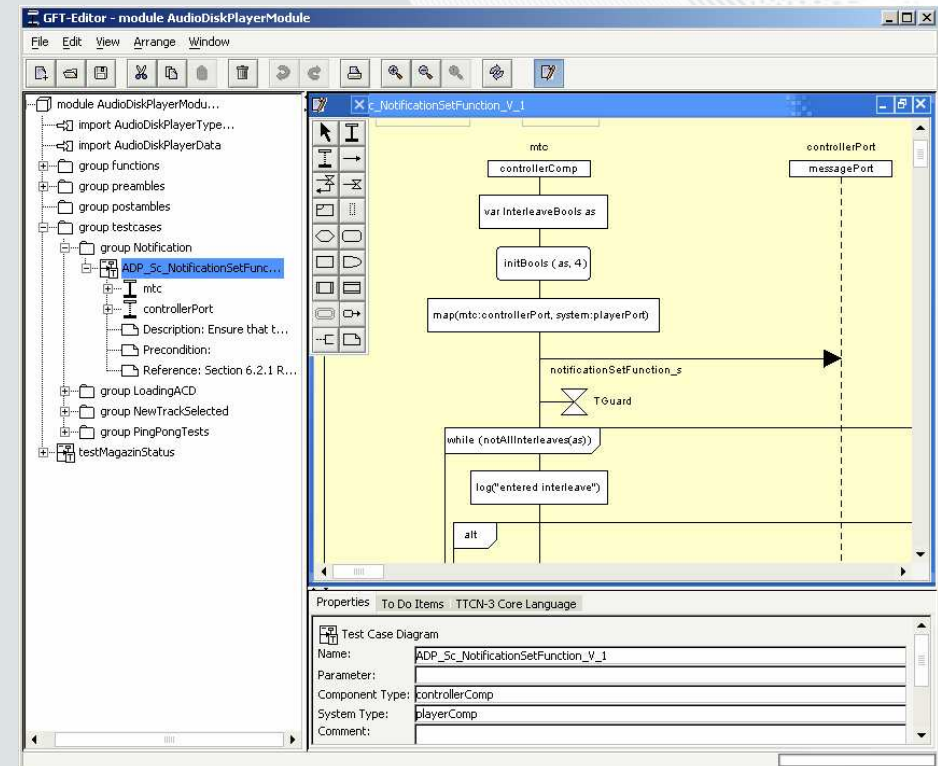
with executable(!) graphical test definition and result evaluation

fast configuration

of existing cases to new requirements

high flexibility

through high modular level.

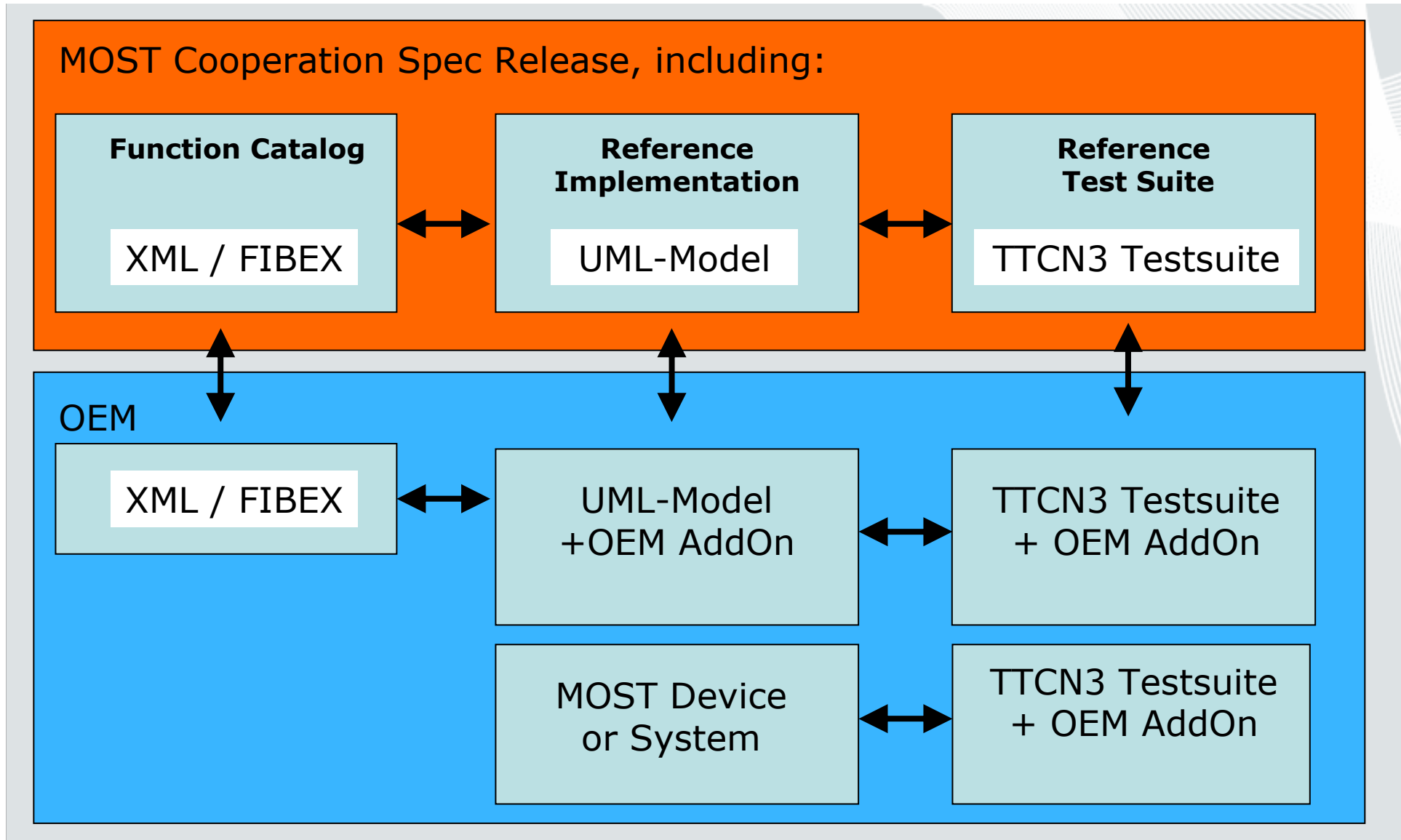


based on
TTCN-3

Advanced Concepts

Benefits

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Less effort for all project partners

Quick development and release phases

Early specification failure detection

Higher interoperability and reusability

Higher quality on each development stage

Higher acceptance of MOST Cooperation standard

OEM can access the Specifications and expand them by it self

Supplier gets more detailed Specifications from the very beginning and has easy possibilities for feedback to the OEM

WIN

WIN

WIN

situation for all project partners

Thank you for your attention

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