

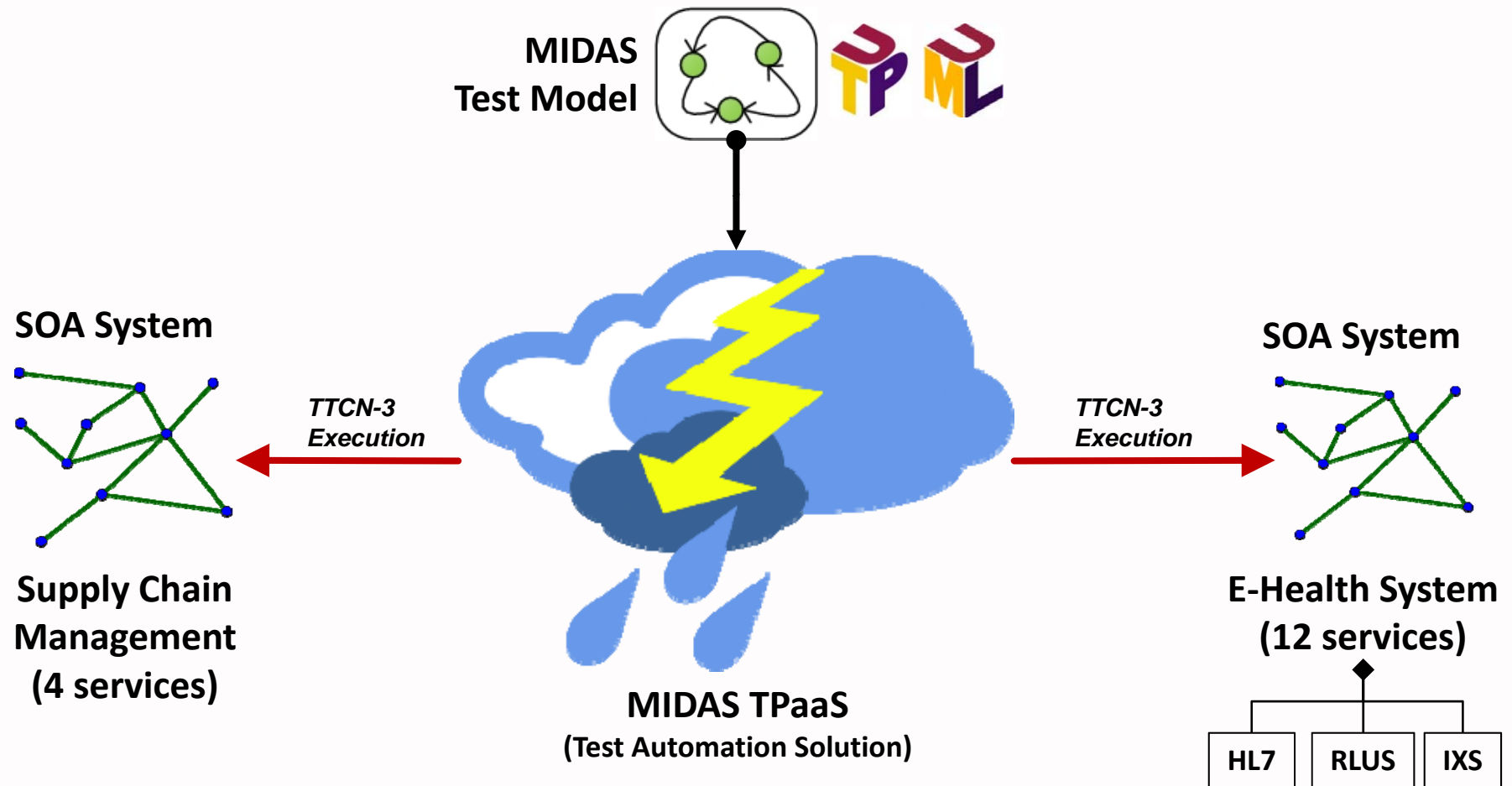
Sophia Antipolis, French Riviera  
20-22 October 2015



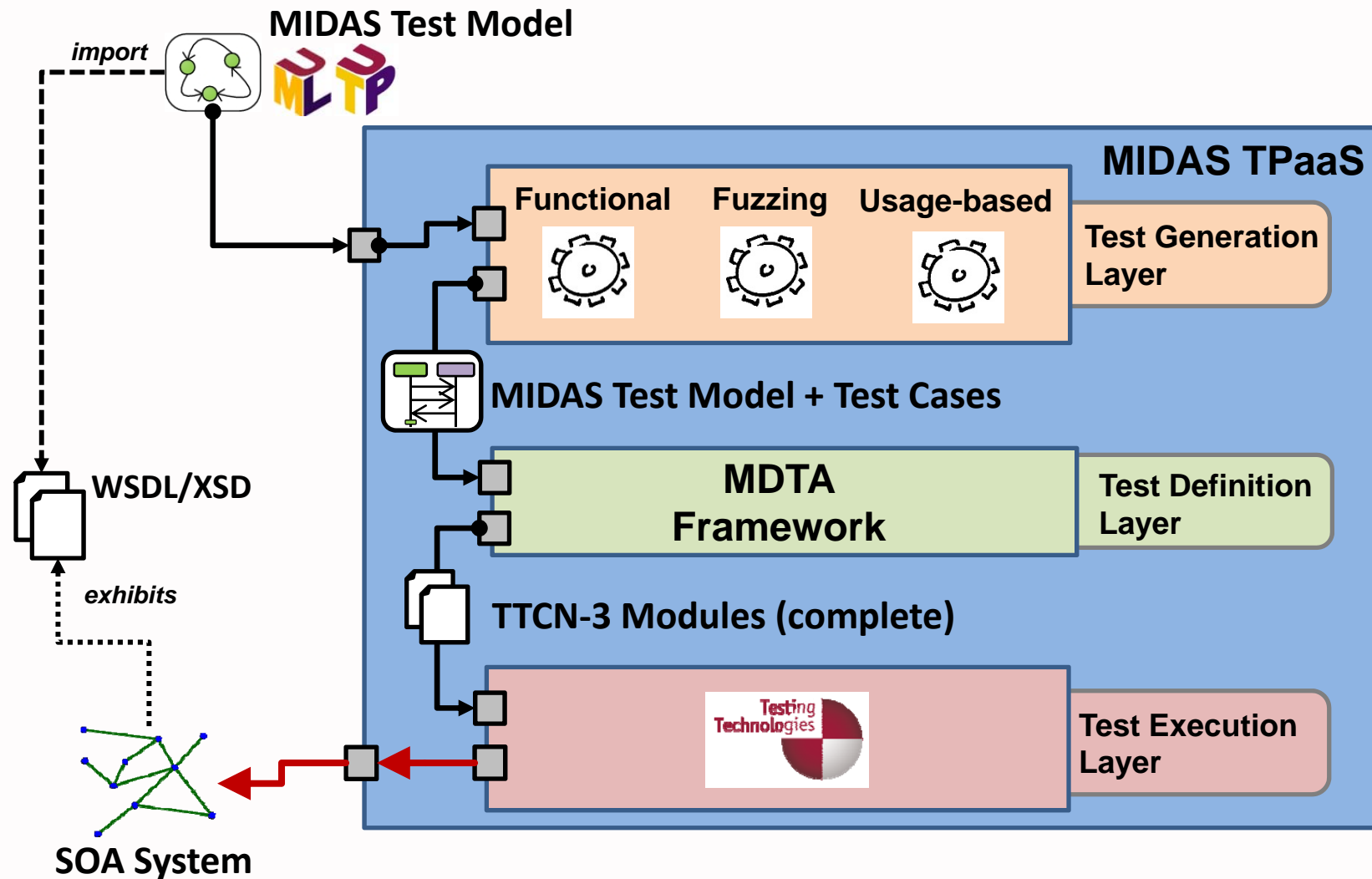
# MODEL-DRIVEN TEST AUTOMATION (MDTA)

Presented by Marc-Florian Wendland

# MIDAS Test Automation in the Cloud



# MIDAS Test Automation Architecture



# MIDAS Test Automation Process

Platform mapping (horizontal)

TT

## Platform mapping (vertical)

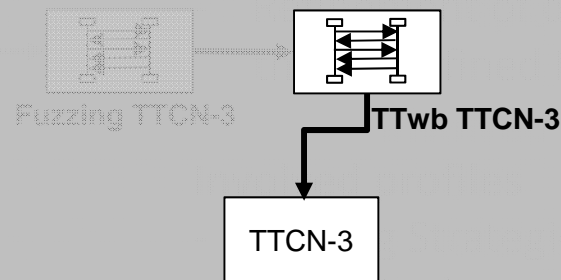
TTCN-3 code generation handling of WSDL and

## Characteristics

- Generation of TTCN-3 modules according to deployment spec.
- Import of already deployed modules (built-in libs)
- TTCN-3 PSM

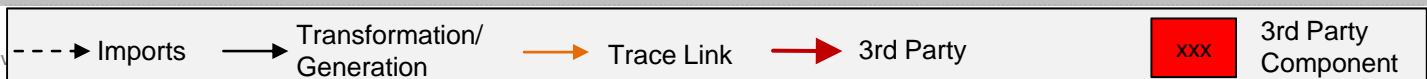
## Involved profiles

- TTCN-3 PSM



SOA System

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## Conclusion

- MDA works for (full) test automation (& deployment)
- Increased maintainability of platform mappings
- TTCN-3 PSM simplifies the code generator
- Initial engineering effort was high
- Pilot case studies were successfully realized
- Not restricted to WSDL/XSD
- **Personal conclusion: Beware of XML Schema**



# Contact

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