

Checking interoperability when using ASAM standards: ASAM Cross Tests

Stefan Romainczyk
Senior Product Manager

Mar 22, 2023
FFB



Agenda

ASAM ODS Cross Test


- What is an ASAM ODS Cross Test?
- How does it look like?
- What are the Testing Scenarios?
- What was the Outcome of the first Tests?
- What have we learned?

What is the ASAM ODS Cross Test?

What is an ASAM ODS Cross Test

As of Agenda

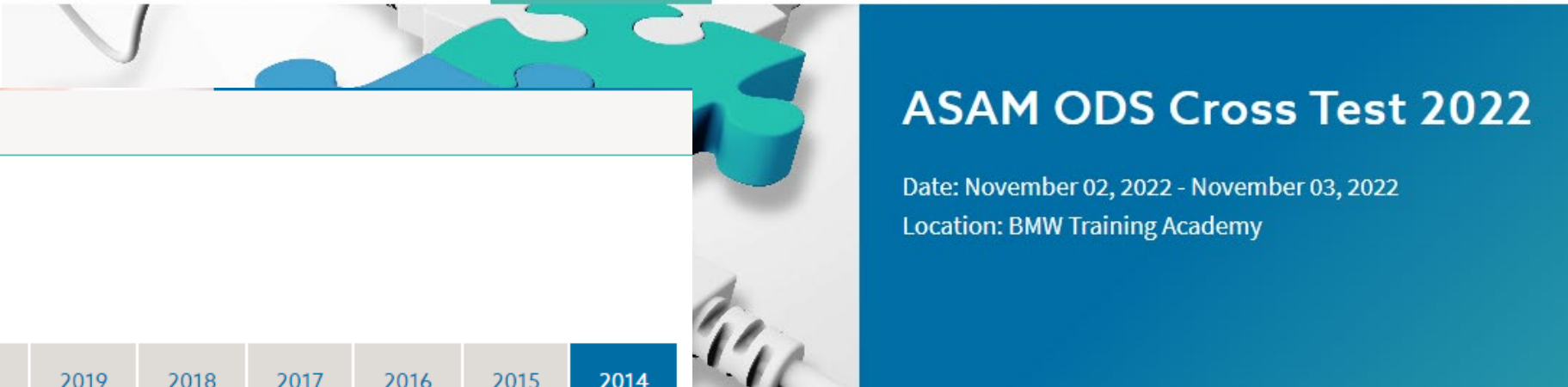
The ASAM ODS Cross Tests are one measure to test compatibility among ASAM ODS standards-based components from different vendors



Association for Standardization of
Automation and Measuring Systems

Contact Career News & Media

About ASAM Standards Active Projects **Conferences & Events** Application Stories Members



ASAM ODS Cross Test 2022


Date: November 02, 2022 - November 03, 2022
Location: BMW Training Academy

Past Events


Conferences & Events > Past Events

2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
November 12, 2014 - November 13, 2014 Germany		ASAM ODS Cross Test 2014 → Review & Photos							

Historical data down to
4. March 2009



PEAK SOLUTION



ASAM

How does it look like?

Welcome to the Lan-Party

Looks familiar?



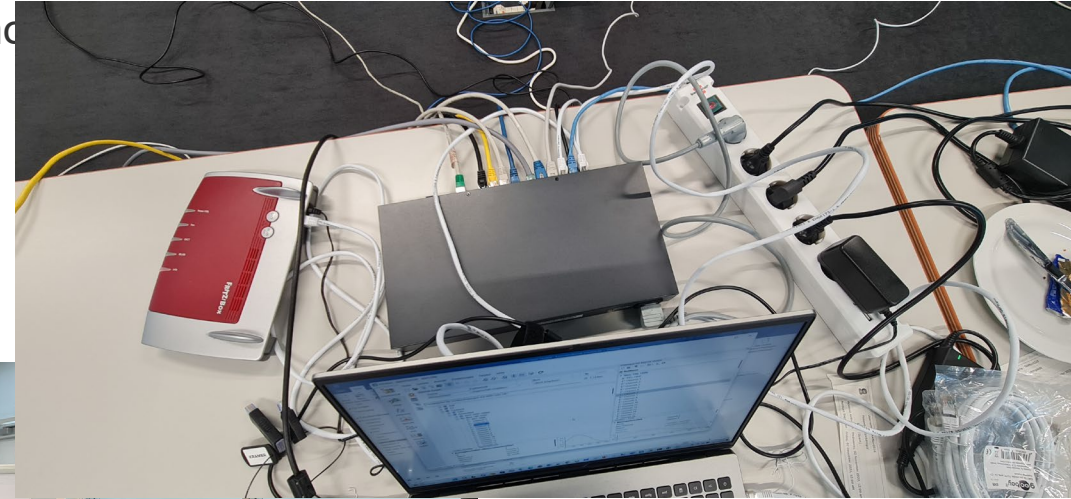
"Es ist einfach so
gemütlich, familiär."

"It's just so
cozy,
familiar."

Foto: dpa,
[Dreamhack Leipzig - So war's auf der
Riesen-Lan-Party - Digital - SZ.de](#)
[\(sueddeutsche.de\)](#)

How does it look like?

The real thing...



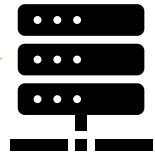
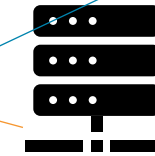
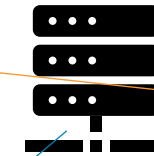
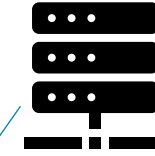
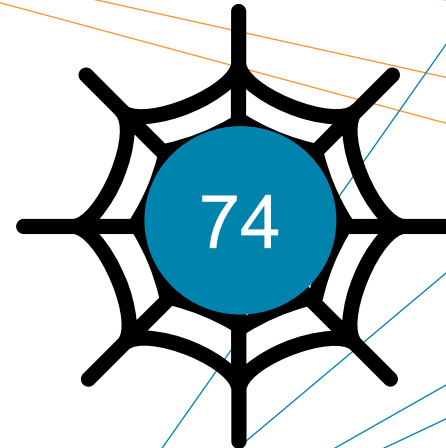
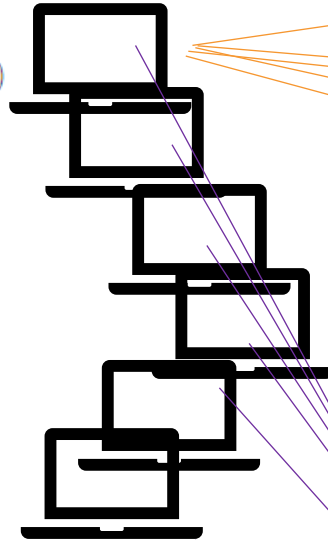
What are the Testing Scenarios?

What are the Testing Scenarios?

Companies as of Cross Test 2022

ODS-Clients

- HighQSoft ([HTTP-](#) and [CORBA-API](#))
- AVL ([HTTP-](#) and [CORBA-API](#))
- Siemens ([HTTP-](#) and [CORBA-API](#))
- Beta CAE
- ETAS
- KARAKUN

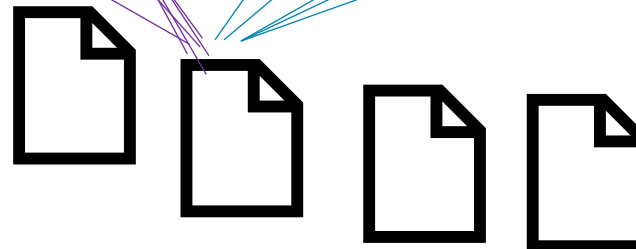


ODS-Servers

- HighQSoft ([HTTP-](#) and [CORBA-API](#))
- Peak Solution ([HTTP-](#) and [CORBA-API](#))
- AVL ([HTTP-](#) and [CORBA-API](#))
- HORIBA ([HTTP-](#) and [CORBA-API](#))
- KS Engineers ([HTTP-API](#))

ATFX-Files

- Müller BBM
- Siemens
- Vibes Technology
- KARAKUN



What was the Outcome of the first Tests?

What was the Outcome of the first Tests?

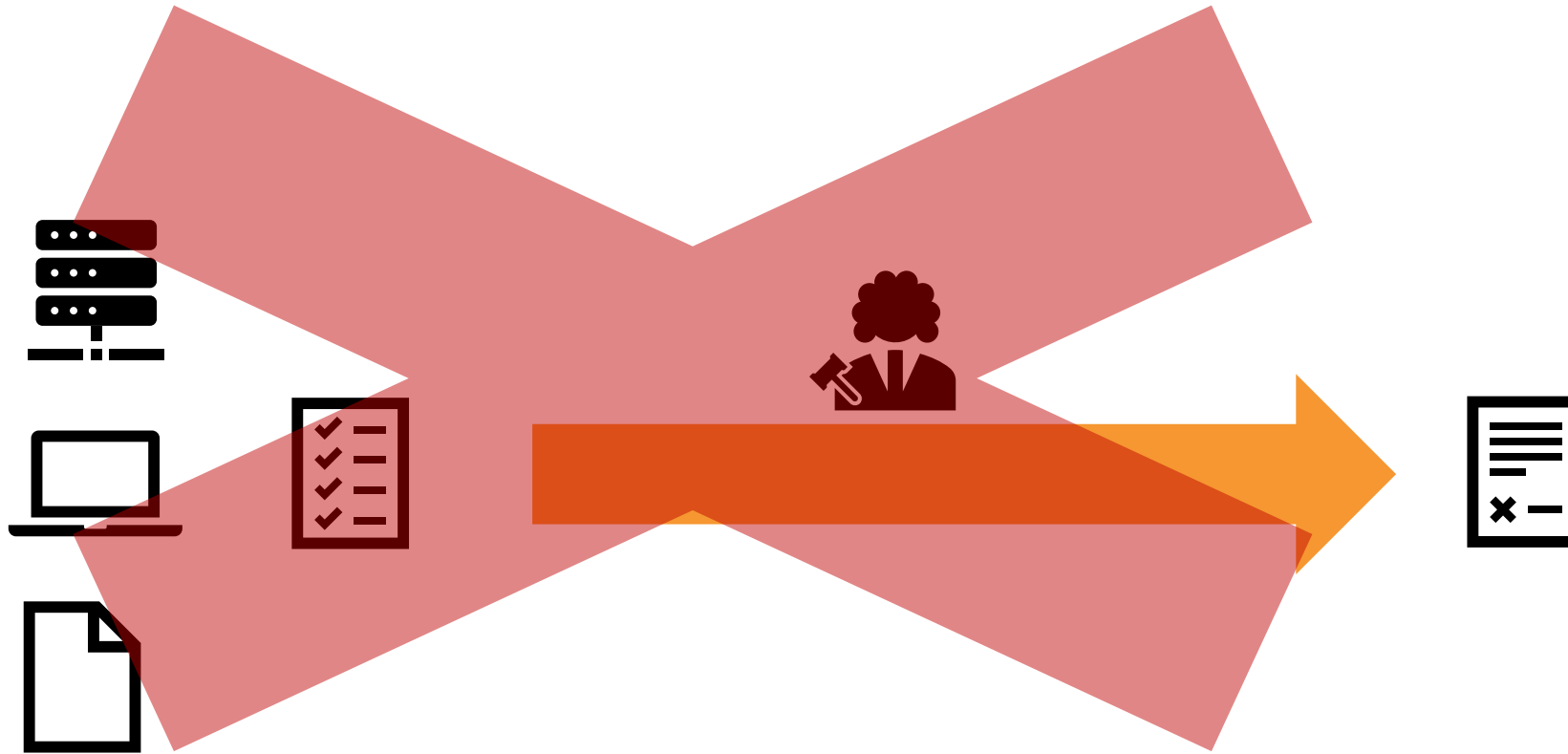
And why did they fail?



What have we learned?

What have we learned?

A Cross Tests does not test “the Standard”....



What have we learned?

Expert developers to clarify ambiguities

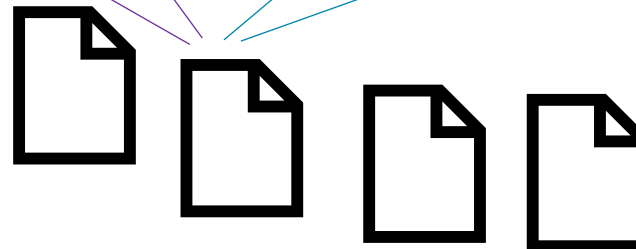
ODS-Clients

- HighQSoft ([HTTP-](#) and [CORBA-API](#))
- AVL ([HTTP-](#) and [CORBA-API](#))
- Siemens ([HTTP-](#) and [CORBA-API](#))
- Beta CAE
- ETAS
- KARAKUN



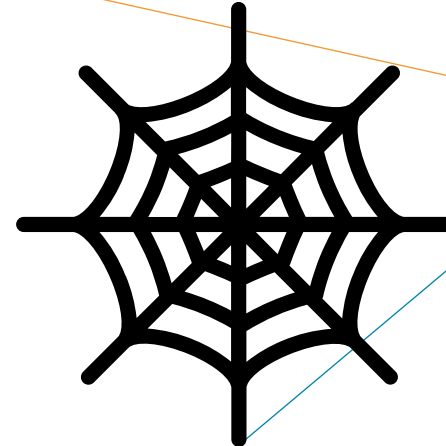
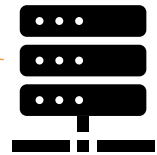
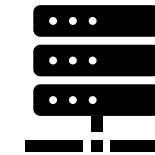
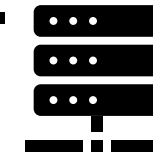
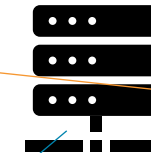
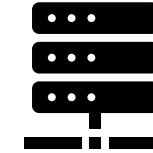
ATFX-Files

- Müller BBM
- Siemens
- Vibes Technology
- KARAKUN



ODS-Servers

- HighQSoft ([HTTP-](#) and [CORBA-API](#))
- Peak Solution ([HTTP-](#) and [CORBA-API](#))
- AVL ([HTTP-](#) and [CORBA-API](#))
- HORIBA ([HTTP-](#) and [CORBA-API](#))
- KS Engineers ([HTTP-API](#))



What have we learned?

Coopetition is key



coopetition

/kəʊˌpɒə'tɪʃ(ə)n/

noun

collaboration between business competitors,
in the hope of mutually beneficial results.

Definitions from Oxford Languages

What have we learned?

Everybody is happy, now....



OEM



Supplier



ASAM

Thank you for your attention



PEAK SOLUTION
www.peak-solution.de

Stefan Romainczyk
Senior Product Manager
stefan.romainczyk@peak-solution.de