MÜLLER-BBM VibroAkustik Systeme

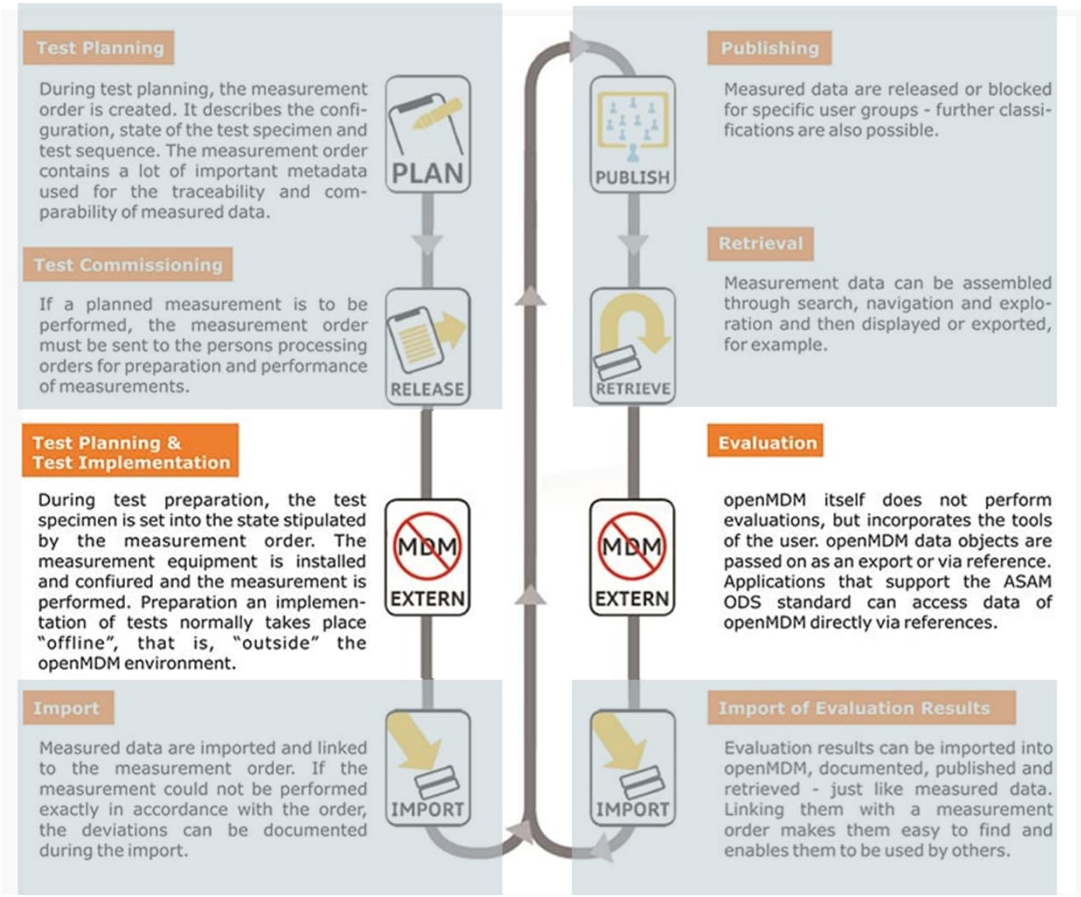
SIEMENS Ingenuity for life

# Müller-BBM VAS & Siemens openMDM®

## The benefit of OpenMDM from a tool provider's perspective – interoperability of tools

**openMDM® Summit, 24 Mai 2022**

# Solution with openMDM® 5




MÜLLER-BBM VibroAkustik Systeme

SIEMENS Ingenuity for life

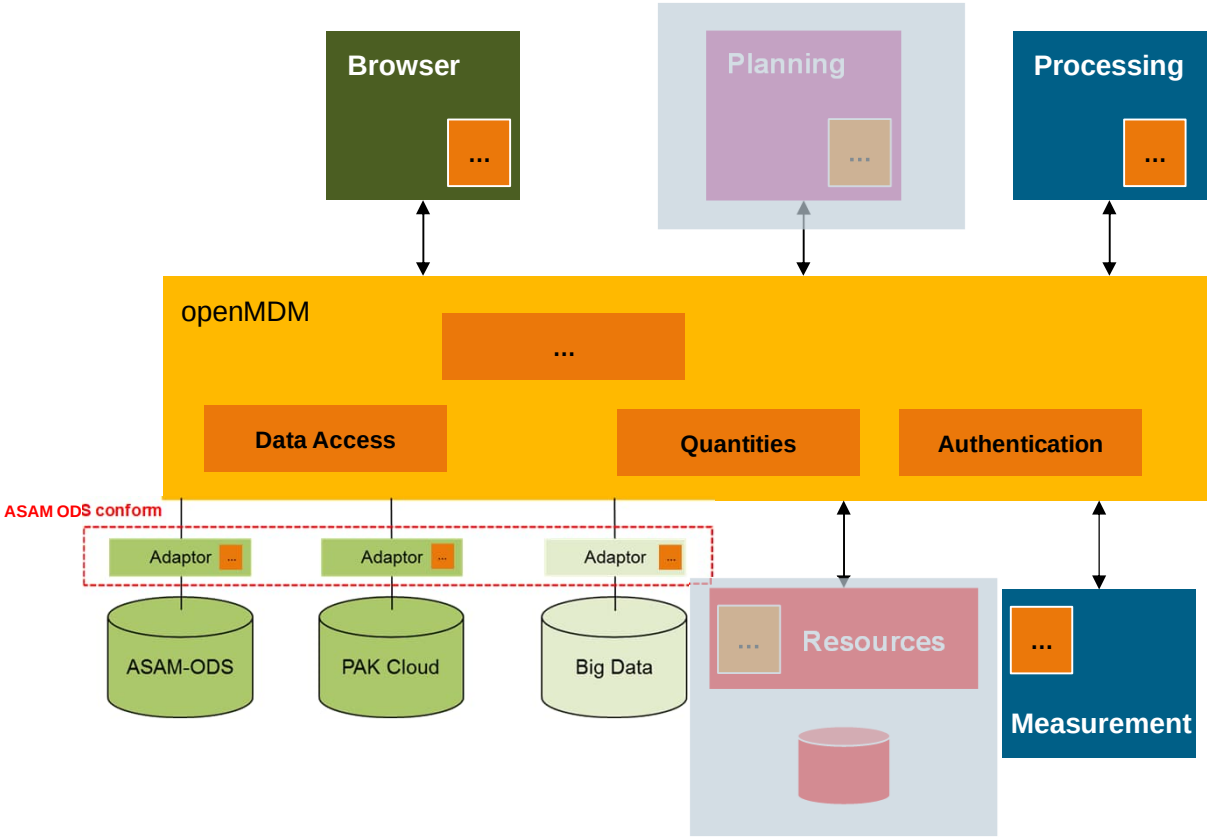
**openMDM® 5 - A framework for building a tool chain from planned tests to published results**

- Exchangeability of components
- End user can make any combination of authoring tools for each step
- Common concerns and operations such as security, quantities, etc. can be handled centrally in a unified way, independent from the authoring tools
- Focus on **Test Implementation** and **Evaluation** of test data

# Solution with openMDM® 5

MÜLLER-BBM VibroAkustik Systeme

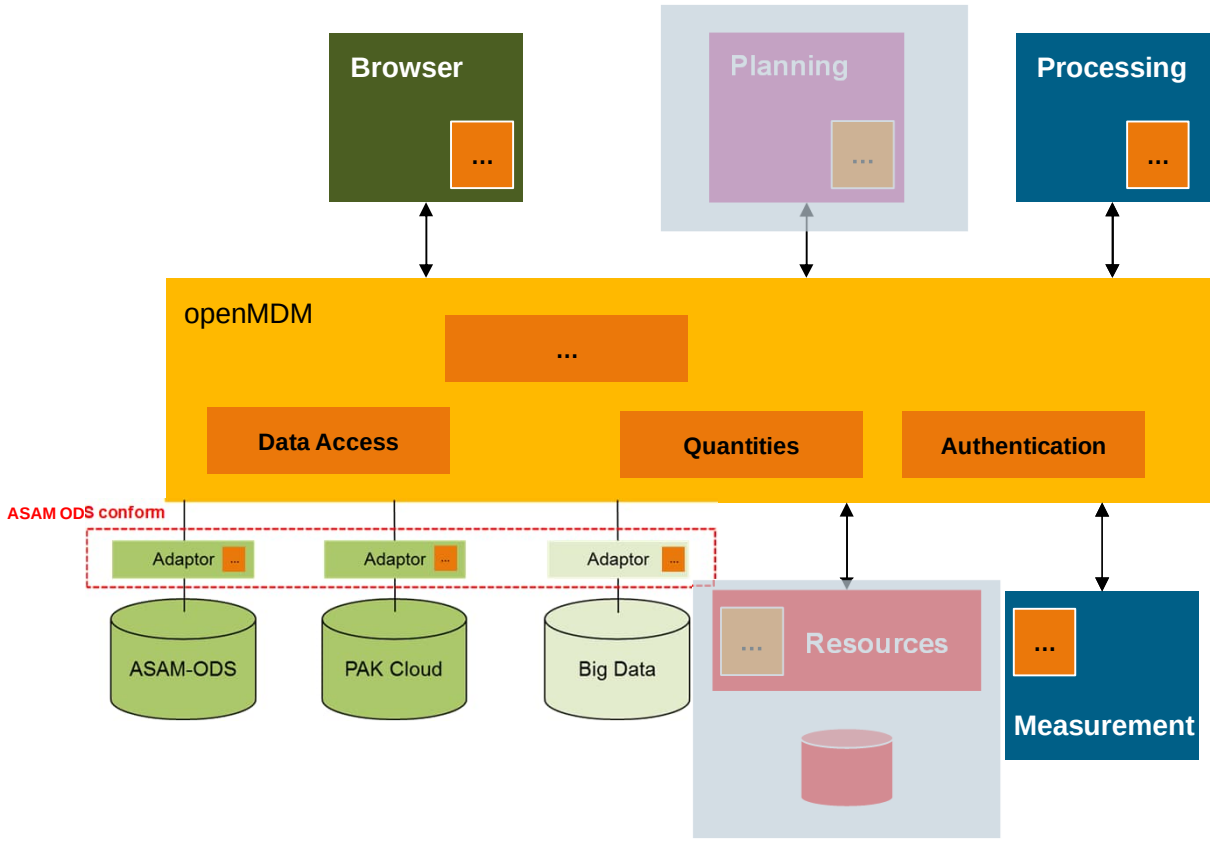
SIEMENS Ingenuity for life




## openMDM® 5 = Layer of Middleware

- Modifications to data acquisition and data processing solutions are standardized, independent from installation/customer
- This results in higher quality and better performance
- Common concerns and operations such as security, quantities, etc. can be handled centrally in a unified way, independent from the authoring tools

# Solution with openMDM® 5




MÜLLER-BBM VibroAkustik Systeme

SIEMENS Ingenuity for life

Siemens & Müller-BBM VAS identified the following areas to be investigated:

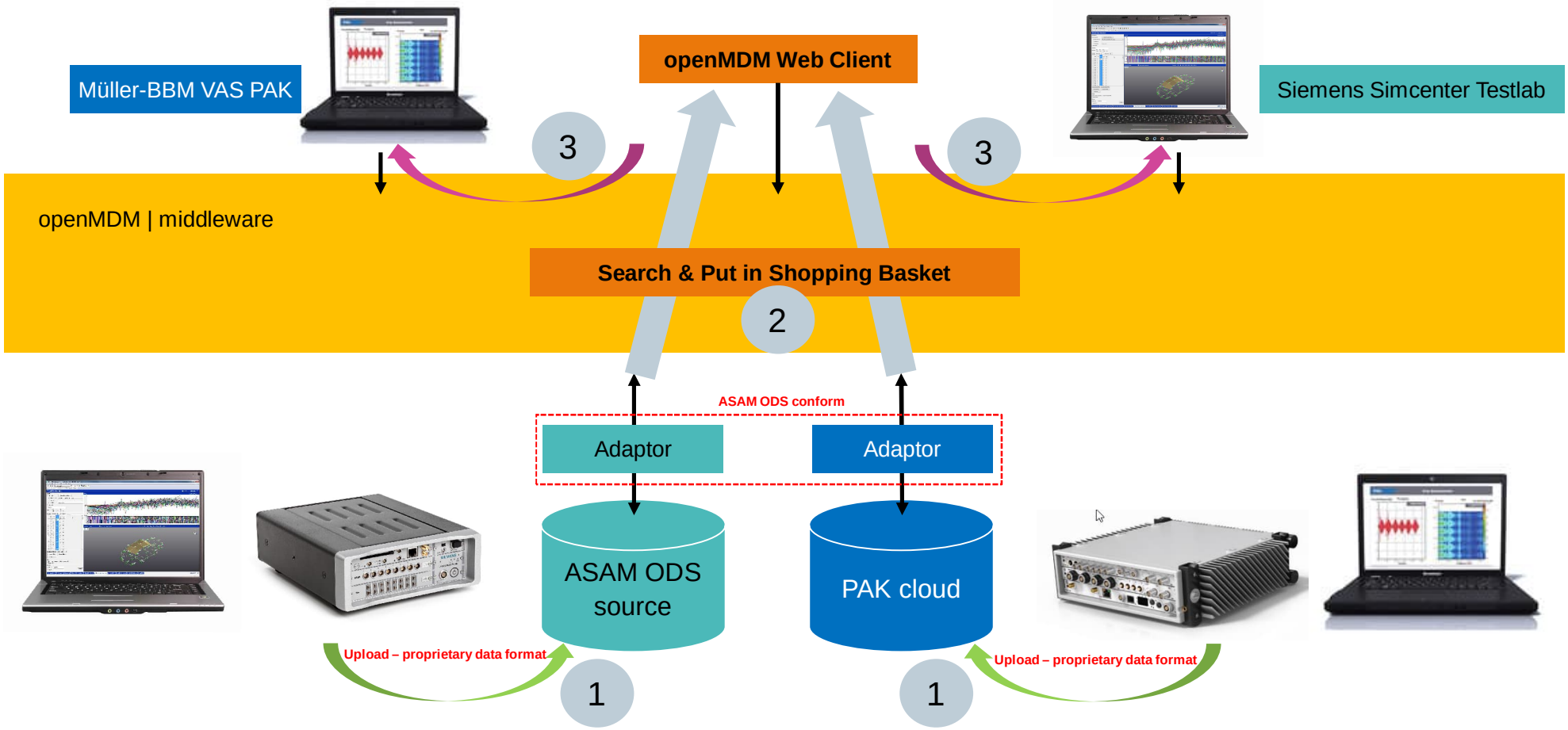
1. Authentication
2. Physical Quantities/Units
3. Performance for large data sets
4. Measurement locations
5. Sensor data
6. Data storage – ASAM ODS 6

Siemens and Müller-BBM VAS have:

- Cooperated with Automotive OEM customers to agree on use cases
- Written clear specification documents for components to be developed
- Had service providers doing the coding
- Managed their ODS sources

# Round Trip Demo Environment

As a next step, Müller-BBM VAS and Siemens propose to set up a demo environment for “round trip testing”

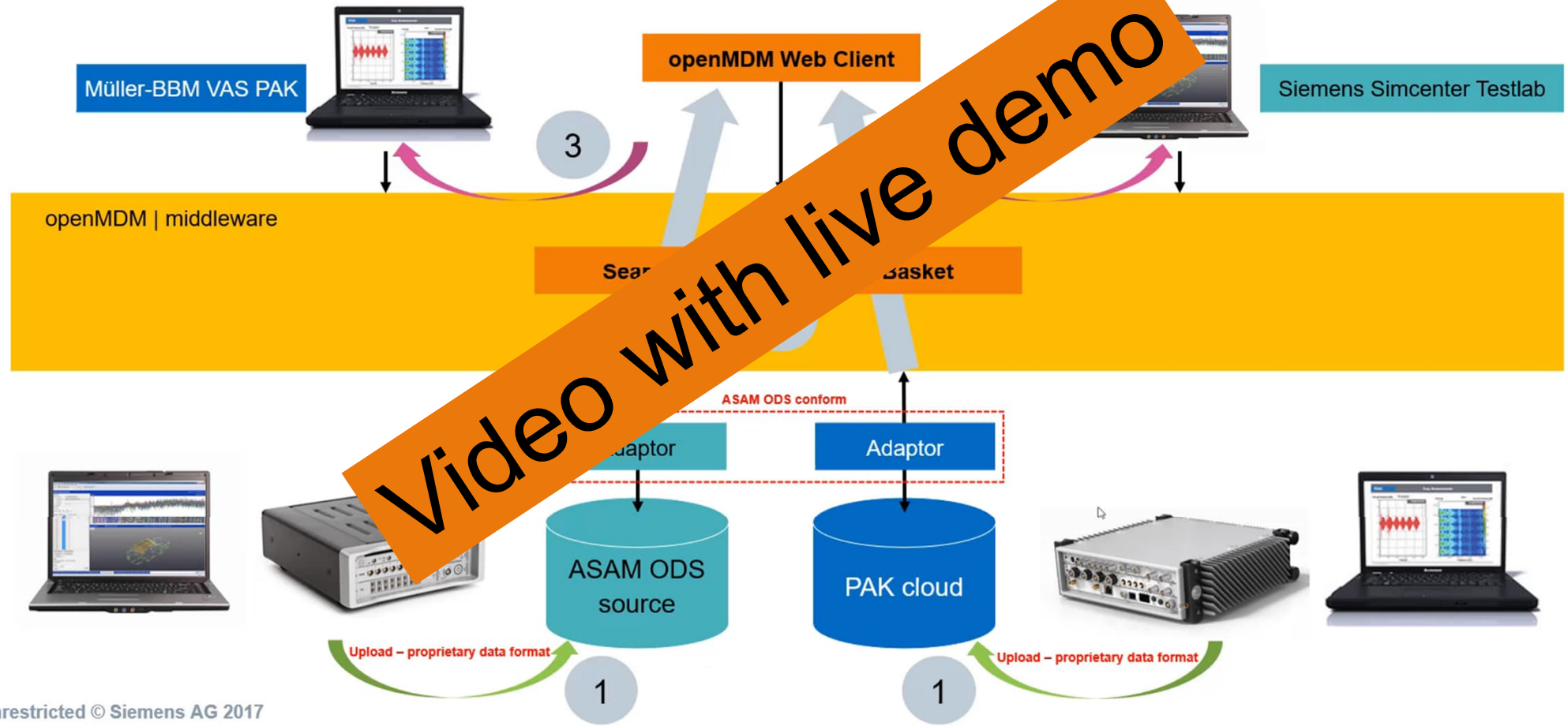


# Round Trip Demo Environment

MÜLLER-BBM VibroAkustik Systeme

SIEMENS Ingenuity for life

As a next step, Müller-BBM VAS and Siemens propose to set up a demo environment for “round trip testing”




Video with live demo

Unrestricted © Siemens AG 2017

Demo server (https://demo.openMDM.org)

# Thank you very much for your attention

Questions?

**openMDM® Summit, 24 Mai 2022**