

BMW
GROUP



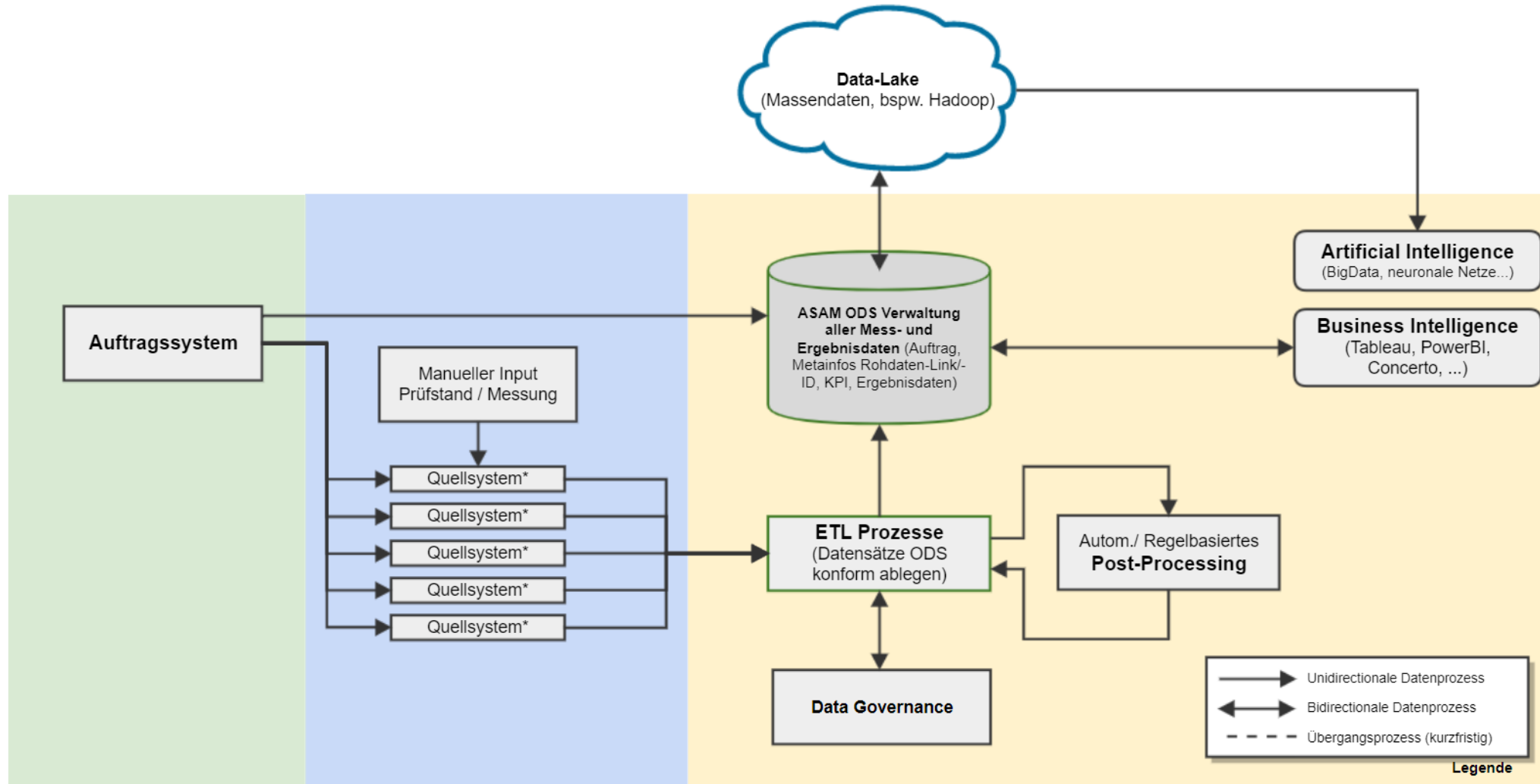
OPENMDM IN THE FOCUS OF BMW'S TEST BASED VERIFICATION PROCESS

OPENMDM WORKING GROUP ANNUAL SUMMIT 2022

CONTENTS.

- Background of measured data management at BMW
- Solution based on openMDM
- Use case: openMDM @ E-Mobility
- Summary and lookout from BMW view

MEASURED DATA MANAGEMENT AT BMW.



SOLUTION BASED ON OPENMDM.

Middlelayer

Integration platform

Web Client

With UI and useful functions

Authentication / Authorization

User/Role synchronization and SingleSignOn

Interfaces

For different needs



Import Processes

To get the data stored sustainably

Data Sources

Multiple areas, one IT System

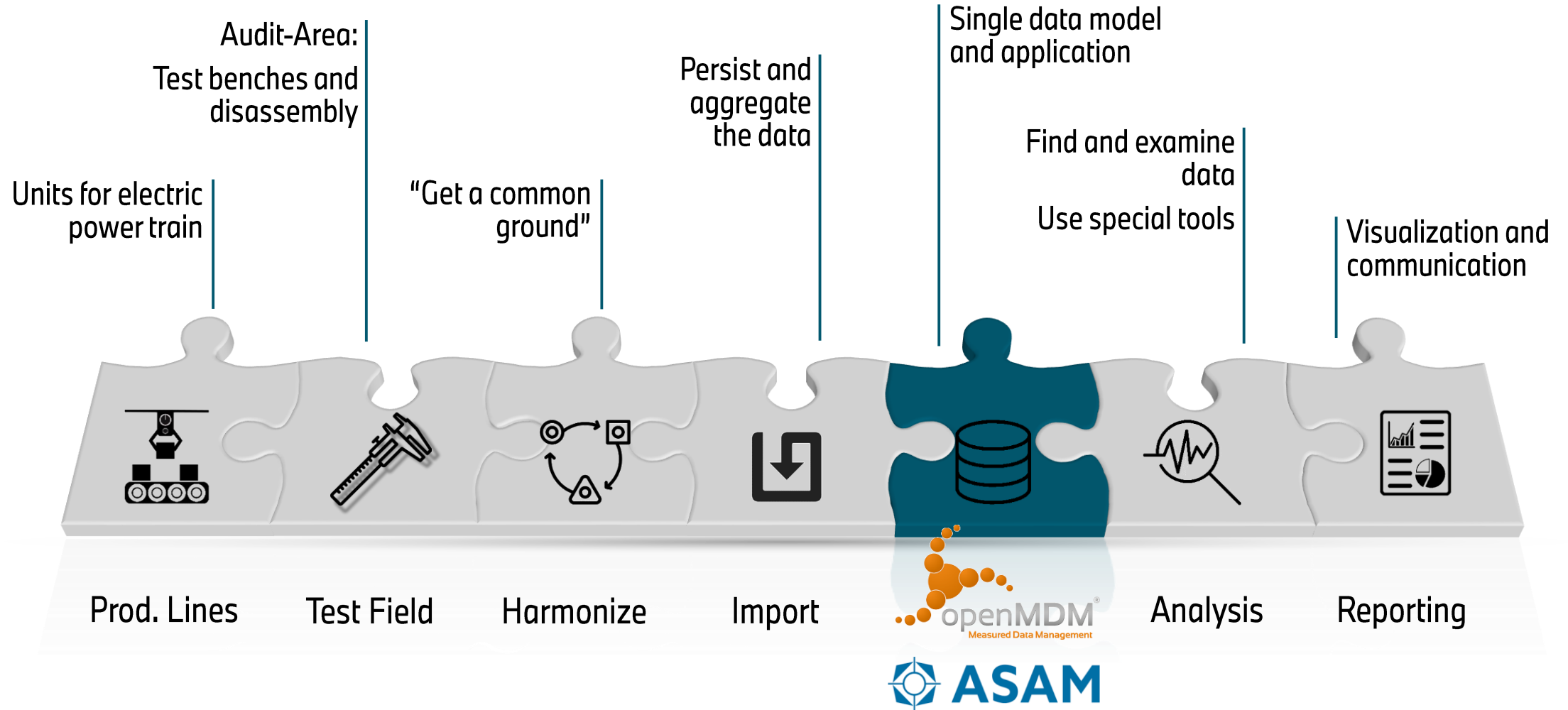
Crossover to analysis

Special evaluation tools

Specific Components/Logic

To implement special requirements

USE CASE: OPENMDM @ E-MOBILITY.



SUMMARY AND LOOKOUT.

- Benefits:

- Standardized data management (ODS) with openMDM abstraction
- Ready-to-use functionalities and solution kit
- Open source (give and take), continuous development, vendor independent, no licence costs

- Challenges:

- Refinement of the out-of-the-box rollout process, especially subject-specific matters
- Extension to overall verification process
- Feedback to simulations
- Cloud-ready deployment
- Strengthening of the community