

Meeting Date/Time: 28.09.2023 / 16:00

Participants: Fraunhofer SCAI/IZFP, HagenStiftung, Swerim, DLR SY, SICK
SensorIntelligence

Agenda:

1. Welcome to new members from University of Patras / Lab for Manufacturing and Automation (<https://lms.mech.upatras.gr/>)

2. Use Case Document

Status and Updates on the document

UseCase Document will be published

to motivate more external engineers

to describe how VMAP can be used in different cases

so far ok for (nearly) all Wg members

Time Schedule

1. Collection of Use Cases - different domains, concrete requirements, expected benefits, show cases

2. Extending the specifications - to be evaluated & used by all UCs in the working group

3. Draft VMAP SensorData 1.x - to be evaluated and released by VMAP Assembly (~Dec 2023)

4. Public VMAP SensorData 1.x - to be promoted and demonstrated by relevant UCs (~Q1 2024)

5. Extend VMAP SensorData group by more projects and partners ..

6. Collect more feedback and requirements - working on updates

3. Sensor Data Specification - Proposal

Victor Lüddemann & Andre oeckerath presented a first concept for sensor data management in VMAP

simulations and measurements are stored in separate groups

Measurements stored inside the MEASUREMENT group.

MEASUREMENT group is then divided into three subgroups

Results

Geometry

System

Victor extended this concept by some ideas on Uncertainty Quantification - capable of handling different types of variation definitions

3. Next Meeting October 31, 2023

Benchmarks from Andre

Storing time series data

Extended Specs/Slides for Uncertainty management

Extend Use cases descriptions

Plan for the Draft Specs for the Assembly Meeting in December