

Meeting Date/Time: 28.09.2023 / 16:00

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

Agenda:

1. Welcome to new member Morten meyer (Sick Sensor Intelligence)
2. Use Case Document
  - UC1: Blowforming – Measurement and Simulation  
Updated detailed proposal for storing meta-information and measured data in a VMAP like structure
  - UC2: Inspection Systems - FEM for Ultrasonic Guided Waves in SHM design  
already prepared in local version, will be sent to Fraunhofer for integration  
probably a second use case can be provided
  - UC3: Composite Production – Virtual Manufacturing validation data  
initial description
  - UC4: Steel Production - Data analytics for steel manufacturing processes  
tbd ...
  - UC5: PIONEER  
initial description  
details still in discussion with Project partners
  - UC6: Standards in Non-Destructive Testing  
tbd

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. Next Meeting August 29, 2023

Extend/adapt use cases

Check specifications

If there are further interested people, let us know..

Presentation of Draft Specification at VMAP Assembly in December 2023

External milestones

Final review VMAP analytics in Q1 2024

Pioneer milestone in Q2 2024

VMAP @ NAFEMS DACH in May 2024

