

occasion **OPC UA - Mining Specialist Group Conveying**
2023-01-17
date 10:00 CET
time of day **Artur Küpper Tönisheide**
place **Wülfrather Str. 32 - 52**
42553 Velbert (Tönisheide)

Mining

Meeting Report - Conveying Section

OPC UA - Mining Initiative

2023 - 01 - 17

Artur Küpper Tönisheide

Wülfrather Str. 32 - 52; 42553 Velbert (Tönisheide)

TOP 1 Welcome and introduction

Mr Lehmann welcomed the participants and thanked Mr Schwandtke and Mr Chumanchenko for the opportunity to hold the meeting on the premises of Artur Küpper.

Mr. Schwandtke welcomed the participants and briefly introduced the company, followed by a short company tour.

TOP 2 Presentation

The participants briefly introduced themselves.

TOP 3 Review meeting 08.11.2022

Mr. Lehmann gave a short review of the results of the last meeting and the work done on the documents. In addition, the circle was informed that a new version of the OPC UA Machinery Companion Specification had been created. This Companion Specification could be used for various use cases such as asset management and could be supplemented with further

information/data for conveying if required. The Companions Specification is made available to the participants with the minutes.

For the preparation of the meeting, the Excel table was revised so that each line now contains **a** parameter with a unit, **a** communication partner and **an** assigned use case. This now makes it possible to filter the sometimes extensive lists, e.g. by use case or communication partner. The revisions revealed some missing information, which was highlighted in orange in the tables. In the course of this work, the use case collection was also revised and unclear descriptions were marked in order to clarify and concretise them in the expert group.

TOP 4 OPC UA security concept - Mr Allmendinger

Due to Mr. Allmendinger's illness, the lecture was cancelled. It was agreed to reschedule the lecture as an online event on 7.2.2023 from 2:00 to 3:30 pm. Mr Allmendinger said that unfortunately the date was already taken. Alternative dates would be 8.2.2023 or 23.2.2023. Mr Lehmann will prepare a date survey for this.

Attached is the link to the survey:

<https://doodle.com/meeting/participate/id/bY7MqJKe>

TOP 5 Presentation of sequence diagram and exemplary development

Mr. Moser had offered to draw up a sequence diagram as an example and to present and discuss on it at this meeting. However, as he will no longer be participating in the expert group, it was suggested that the group work on the diagram. The tool used was [https://plantuml.com/de/sequence-](https://plantuml.com/de/sequence-diagram)

[diagram](https://www.plantuml.com/plantuml/uml/SyfFKj2rKt3CoKnELR1Io4ZDoSa70000) and the diagram was jointly agreed via the online server <https://www.plantuml.com/plantuml/uml/SyfFKj2rKt3CoKnELR1Io4ZDoSa70000>.

Based on Use Case #1, the sequence diagram was developed and created. After the creation, the diagram was inserted below Use Case #1 in the document Use Case Collection.

TOP 6

Joint coordination of the use cases

i. Vote Use Cases "Use Case Collection

The use case descriptions were revised and adapted according to the comments. The file is uploaded to SharePoint and distributed with the minutes.

ii. Review Excel list " 2022_Machine_Data_Tags_Conveying New "

The Excel tables were discussed together, and the missing information was entered into the tables. The file is uploaded to SharePoint and distributed with the minutes.

TOP 7

Determination of the further course of action/work

The expert group decided that each participant would create a sequence diagram for a use case that he or she had proposed via

<https://plantuml.com/de/sequence-diagram> in the online server

<https://www.plantuml.com/plantuml/uml/SyfFKj2rKt3CoKnELR1Io4ZDoSa70000>. The diagram and the text file would be presented at the next

meeting. The graphic and the text file should be presented at the next meeting. The sequence diagrams should be sent to Mr Lehmann by 3 February.

TOP 8

Conclusion and coordination of next dates

The next meeting of the Conveying specialist group was set for 23 February 2023. Following feedback from Mr Sudhoff, the next meeting will

be held at VDMA, Room 6, Lyoner Str. 18, 60528 Frankfurt from 10:00 am
until 04:00 pm CET.