Digital Twin architectures in manufacturing and ISO23247 standard (III)

[anonymised]

1. Motivation for using ISO23247 standard

Be aligned with ISO23247?

What is the value of ISO23247 standard and the Reference architecture with functional view proposed in the standard when realising Digital Twin in practice ? Why architectures need to be compliant with the standard ?

ISO23247_Overview.pdf

GOOGLE DRIVE

Industry is confused with a lot of frameworks. The standard would serve as a guideline and a common language. — ANONYMOUS

2. Functionalities in the standard not implemented by current architecture.

Compliance

You said that in your opinion is not important to comply to the standard for architectures.

23247 draw a lot of intention for the standartiastion, however compared for example with ASS it can be seen as a guideline, a framework and not a specification for being compliant on a conceptual level. — ANONYMOUS

Peer interface

You evaluated as absolutely necessary, but most of the respondents did not. Any remark?

Important to have an interface to enable interoperability, but today there are many different contributors to consider that are claiming doing this, eg OPC UA, asset admin shell etc — ANONYMOUS

3. Functionalities not captured by the standard.

Continuous Deployment

You rate the importance of CD 1/5. Do you have any remarks on that?

CD is outside of DT scope — ANONYMOUS

4. Other functionalities.

How to address interoperability

too many standards exists — ANONYMOUS

5.Final remarks

producing industrial use cases that are part of the standards. provide an use case.

important to update the standard. the risk is to draw attention but may be confusing due to the abundance of standards.

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