



**L4MS**

Smart logistics for manufacturing

# D3.5

## Pilot AEs lessons learned version 1.0

Confidential

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#### Abstract

This document reports the feedback collected, for both the end-user and integrator point of view, regarding OPIL and the 3D simulation. As OPIL is still under development, the feedback collection reflects an early assessment of how users assess the benefits and drawbacks of the system at the current stage. The assessment is based mainly on demonstrations and presentations in the relevant, for each pilot use case, Competence Centres (i.e. ICENT for MP, IMECC for CHEMI and CUT for ENGINO). The feedback is then consolidated and the OPIL value is identified. However, the most important outcome of this report is the identification of drawbacks and the suggestions for improvements, as perceived by the final users of the system themselves.

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#### Notification

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# *History of changes*

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## *Executive summary*

The feedback collection at this stage was executed through unstructured interviews, and not with exhaustive formal testing. This approach was followed as the system is still under development, and the pilot use cases are still under definition update. The feedback is based on demonstrations and presentations of the system in lab environment, and not real use in a factory setting. Therefore the comments reflect a subjective opinion of the users, and will be verified later with the follow-up demonstrations and feedback collection.

The OPIL value against other solutions is currently perceived on two main axes:

- Easier collection of data from the production
- Lower cost

At the same time, the value of the 3D modelling and simulation is mostly perceived in new factory settings or new processes, rather than introducing improvements in existing situation.

To better address the end user expectations, OPIL should focus on the following improvements in the follow-up developments:

- Focus first on a simple functionalities
- Make it more reliable / eliminate bugs
- Test in in real environment
- Finalize a release with simple functionalities that is seamlessly integrated and works perfectly
- Better connect OPIL and simulation



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