

# OSME Showcase: Co-development from Concept to Implementation

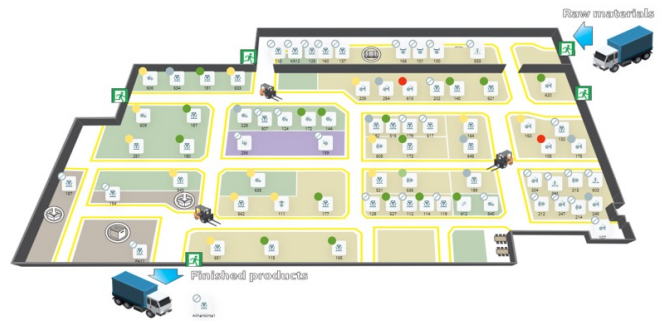
Fastems began development of a solution for part manufacturing customers to lead and develop manufacturing with data – Manufacturing Intelligence Software. To ensure the best possible product market fit, Fastems wanted to engage manufacturing companies in customer requirements studies, interviews, concept development, and testing. To conduct such concept development and kick off the actual development phase, Fastems needed development-oriented, forward-looking lead customers to utilize the digitalization opportunities.

Already in the early stages of concept development, **Tasowheel showed interest and willingness to contribute** to the development by providing valuable feedback by manufacturing experts and by providing access to actual production data. For Tasowheel, the OSME project and its ambition to offer possibilities to strengthen the information exchange with leading customers provided the framing for developing the Factory Cockpit solution. This formed a strong **win-win collaboration environment** with a direct communication channel between experts and stakeholders when bringing the OSME initiative forward.

There was a need to enable a **direct and seamless communication channel and collaboration methods** between Tasowheel and its customers, which was supported by the Factory Cockpit solution developed by Fastems. Tasowheel had already started the cooperation between the Factory Cockpit team in summer 2021 with concept definition and interviews. The interviews revealed e.g., challenges, needs and development targets of current production control and management.

Subsequently, the Factory Cockpit team began creating the solution's **first data models and built a connection** between Tasowheel's ERP system and Factory Cockpit. Additionally, machine connections were made for a few key machines, to obtain valuable machine information and connect it to the data obtained from the information system.

**The cooperation has been seamless** from the beginning, and the participants have learned much from each other. The strong production know-how, feedback, and development ideas received from Tasowheel, as well as the versatile production environment in which the solution was developed can certainly be considered some of the most important advantages of the collaboration for Fastems. Correspondingly, Fastems has been able to offer Tasowheel Oy its know-how to digitize production and enabled real-time visibility, new data management



methods and tools for measuring production efficiency and transparency, and to share information efficiently.

The Factory Cockpit has already been in daily use by a few Tasowheel employees for some time, and the gradual expansion of its use to the entire production is planned. **The Factory Cockpit solution is provided as a service (SaaS)** and therefore the solution will be continuously developed over time. With the active continuum of collaboration and dialogue, Fastems will ensure that further service expansions and releases will meet the needs of Tasowheel. The combined efforts of Tasowheel and Fastems have now established a **proof of concept which will bring benefits** to the whole manufacturing network.

## Impacts



- **Win-win co-development relationship for concept development**
- **Mutual learning with open communication**
- **Tasowheel now has a solid foundation to utilize digitalization opportunities in production and collaborative production planning**

**Collaborators:** Fastems and Tasowheel

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