ASMPT enabling the digital world

InnoSenT

Focus on material management

InnoSenT optimizes its material logistics with software from ASMPT



The challenge

InnoSenT, a specialist for precise radar sensors, faces complex setup changeovers in its SMT production. Two or three times per week, each line gets a new family setup for five to ten products. Because of space limitations, have a demand-oriented material supply system is critical for the company's success. In the past, things did not always work optimally. Supply bottlenecks made planning difficult since set changes had to be executed manually and with specific components. Insufficiently utilized Active Feeder Racks and excessive material travel between warehouse and lines signaled further room for improvement.

The complete traceability of all components was another demanding requirement – especially where demanding automotive customers were concerned. The aim was to control material flows more intelligently in order to avoid downtimes and make production logistics more efficient and transparent.

> **"With WORKS Logistics from ASMPT, we have found the software solution we need for our material management and logistics."**

Matthias Schuler
Head of Production and Warehouse,
InnoSenT GmbH

- More precise and more demand-oriented material supply
- Better utilization of Active Feeder Racks
- Reduced transport routes and warehouse movements
- More flexibility to accommodate short-term production changes
- Material traceability fulfills automotive requirements

The solution

InnoSenT's staff found the solution for these challenges when they visited ASMPT's Center of Competence, where ASMPT's specialist listened attentively to their concerns and proposed a test run with WORKS Logistics.

Time slice-based material replenishment
Now, the practice-oriented application calculates material requirements along the line in real time and ensures the automatic replenishment of materials. This keeps the machines continuously supplied while avoiding unnecessary safety stocks. Especially in production environments with frequent product changes, such demand-oriented logistics prevent valuable space from being blocked and make downtimes due to material shortages a thing of the past.

Flexible planning, optimized setups
The improved utilization of InnoSenT's Active Feeder Racks also produced major gains in efficiency. Thanks to the automated intermediate storage of materials in the setup preparation area, WORKS Logistics now makes sure that the right components are always available next to the line for the next order. In this way, InnoSenT does not just cut down on material travel and storage cycles but also increases availability and reaction speed for product changeovers. Setups are planned and implemented more efficiently without excess material movements.

Total traceability and improved replenishment control
With its Material Management module, WORKS Logistics also ensures maximum transparency at InnoSenT. Each component can be digitally tracked from receiving to the finished product – something that particularly the company's automotive customers demand. In addition, the consumption and inventory data that the program reports back to our ERP system provides a solid foundation for placing repeat orders with the component suppliers.



Matthias Schuler, Head of Production and Warehouse at InnoSenT GmbH

About InnoSenT

Based in Donnersdorf, Germany, InnoSenT GmbH has been developing and manufacturing high-quality radar sensors since 1999 and is considered a technology driver in a hot industry segment. Thanks to automation and smart solutions, radar applications have become popular yet barely noticed parts of our everyday lives. InnoSenT impresses its international B2B customers with its expertise, fast innovation and recognized quality. The company's products are used for comfort and safety applications in the automobile sector as well as in traffic, industrial and smart home applications, to name just a few. As a developer and manufacturer, InnoSenT GmbH offers comprehensive engineering services ranging from custom-tailored development to volume production.

The success story

With the help of WORKS Logistics, InnoSenT is now able to control its material supply precisely in accordance with demand. Machine downtimes and emergency stocks are being avoided, and thanks to the optimized utilization of the company's Active Feeder Racks, the required components are always available – with minimized material movements and significantly fewer stocks withdrawals and returns. Even in situations that require quick reactions, InnoSenT can respond quickly because production changes are much easier to implement with the new software. This means less setup effort and more scheduling flexibility. Customers benefit from the end-to-end traceability of the installed components. ASMPT also impressed InnoSenT as a flexible, solution-oriented and reliable system partner during the test phase.

ASMPT GmbH & Co. KG
Rupert-Mayer-Strasse 48 | 81379 Munich | Germany | Phone: +49 89 20800-22000 | Email: smt-solutions.de@asmpt.com

asmpt.com | smt.asmpt.com

Edition 2/11-2026 | All rights reserved. | Order No.: A22-ASMPT-A364-EN | Printed in Germany | © ASMPT GmbH & Co. KG