



EUROFIT/RADSYSTEM MOSEL – REDESIGN OF THE JUST-IN-SEQUENCE (JIS) SERIES SUPPLY

LOJISTIX® replaces legacy system, fully integrated in SAP, maximum order transparency, PLC connection

Legacy JIS system put to the test

At Radsystem Mosel, Eurofit Group assembles and supplies complete TWAs in series for the VW plant in Zwickau (Golf, since 2019 also the ID.3) and the VW plant in Dresden (e-Golf).

For each VW model, there is a different TWA. Each delivery truck is loaded separately – an internal works truck serves the VW plant in Zwickau, while an external one supplies the VW plant in Dresden. For several years, customers have received the TWAs in JIS delivery. The legacy IT system was a customized solution that had been adapted frequently over recent years. This IT system was put to the test during the roll-out of SAP ERP.

Matthieu Garandeau, Head of Logistics and IT at Eurofit: *„The previous JIS system did not have IT-supported sequence checking. At Eurofit, the high accuracy and quality rates are vital. We were looking to increase accuracy without reprogramming.“*

Eurofit was specifically looking for a new, lean JIS solution for the Radsystem Mosel plant. The requirements were:

- Maximum coverage and transparency of the logistics processes for JIS series delivery
- Highly configurable standard solution with highest possible integration into SAP ERP
- Reliable design and implementation in terms of time and budget
- Close, trust-based collaboration with the SAP implementation partner

Following a selection process, at the end of January 2019 the decision was made in favor of LOJISTIX from WSW Software.

Matthieu Garandeau: *„LOJISTIX and WSW Software convinced us all along the line. Even the standard version of this solution perfectly covered our core requirements. The WSW references were also full of praise for the reliable implementation of JIS projects in terms of the time and budget. This was exactly what we needed at the time.“*



EUROFIT

The Eurofit Group has been an international tire-wheel assembly partner for the world's biggest car manufacturers since 1996. The Group is a joint venture between Michelin and Continental with headquarters in Belgium. With 1,200 employees in 18 plants in Europe, Africa, and Asia, Eurofit Group delivers just-in-time (JIT) and just-in-sequence (JIS) high-quality and reliable tire-wheel assemblies (TWAs) and services. In 2019 alone, 25.8 million TWAs left the company's plants. For Eurofit, reliable logistic processes are essential.



Maximum transparency – LOJISTIX as the „order turntable“ between SAP ERP, SAP WM, the EDI connector and MES

The IT project kicked off in March 2019. Basic requirements were included, existing processes evaluated and a common approach was adopted.

To meet the sharp deadline while meeting all on-going production challenges, the rapid prototyping implementation method was chosen. The implementation as well as the connection of LOJISTIX to SAP, the EDI connector and the MES began in early April 2019. LOJISTIX became the central „turntable“ for control of the respective orders.

Project and process highlights:

- LOJISTIX checks the completeness of all messages received from the OEM.
- LOJISTIX checks the completeness of all order components of a complete wheel and assigns them to the vehicle and mounting position.
- LOJISTIX is connected to the Siemens SIMATIC S7 PLC control.
- The system changeover took place during ongoing series production at VW.

Go-live within 24 hours – in the middle of series production

The system changeover took place within the space of a day – in the middle of daily pro-

duction three-shift changes. This required not only the highest level of attentiveness from the project team but also a lot of manpower to not stop the plant activities, production and deliveries. The go-live took place as planned successfully on July 1, 2019.

Wolfgang Salinger, Division Manager for Digital Supply Chain at WSW Software: *„The project ‚Supply of winter wheels‘ was running in parallel to the implementation of LOJISTIX for series deliveries. Both projects had to be integrated into the ongoing SAP implementation. The new system had to go live within a time window of just a few hours. This kind of situation doesn't happen often.“*

Matthieu Garandau: *„The WSW project team did an excellent job throughout. Shortly after the go-live we continued our deliveries to VW without interruption. With LOJISTIX we now not only have an improved continuous JIS processing but also the level of transparency we expected. We have additional delivery security and are able to provide our customers with an unprecedented level information at all times.“*

LOJISTIX – the story continues

After the successful go-live at the Mosel plant, the Spanish Eurofit plant Saragossa is now also being converted to LOJISTIX, which supplies one VW plant in Spain with complete wheels.

LOJISTIX®

LOJISTIX from WSW Software is an autonomous solution that controls all JIS logistics processes including complete EDI integration (inbound and outbound), control of final assembly, labeling, sequential packing and delivery, sequential container formation and truck loading, dispatch processing based on production-synchronized call-offs and handling of logistically segregated processes.

The JIS solution integrates seamlessly into existing IT infrastructures and communicates directly with ERP, warehouse, production and PLC systems. Individual requirements for interfaces or JIS processes can be easily configured and modeled.

LOJISTIX is used worldwide in Europe, USA, Asia and Africa with 24/7 support.