sedApta
ELISA INDUSTRIQ

CASE STUDY

MITSUBISHI LOGISNEXT EUROPE

Mitsubishi Logisnext Europe is a prominent European division of the global Mitsubishi Logisnext Corporation, renowned for its expertise in developing and manufacturing innovative material handling equipment. The company has established itself as a leader in the logistics and supply chain management industry and its.

Mitsubishi Logisnext Europe offers a comprehensive range of material handling solutions designed to meet the diverse needs of its clients in EMEA area.

ANALYSIS

The project aims to modernize the factory operations of Mitsubishi Logisnext Europe Oy (MLE) in Järvenpää, Finland, through the implementation of the production monitoring system from sedApta, a strategic partner of Elisa IndustrIQ. This system will help MLE digitize production control, replacing manual activities with automated process controls.

The specific objectives include:

- Updating and controlling production progress, final production times, and quantities produced through continuous updating of performance indicators
- Providing MLE managers with real-time visibility into production processes, including quality and assurance checks, final inspection, and material consumption via tablets or laptops on the shop floor
- Enabling real-time corrections to the production process
- Integrating the system to provide a gateway for further automated process controls of equipment in the future.

SOLUTION

Elisa IndustrIQ has implemented the production monitoring system of its strategic partner sedApta across all production lines at the Mitsubishi Logisnext Europe Oy (MLE) forklift factory in Järvenpää, Finland. This system will help MLE digitize production control, replacing manual activities with automated process controls.

The sedApta Shop Floor Monitor system is based on updating and controlling production progress, final production times, and quantities produced through continuous performance indicator updates. It will provide MLE managers with real-time visibility into production processes, including quality and assurance checks, final inspection, and material consumption via tablets or laptops on the shop floor. This allows for real-time corrections to the process. The system integration also provides a gateway to further automated equipment process controls in the future.

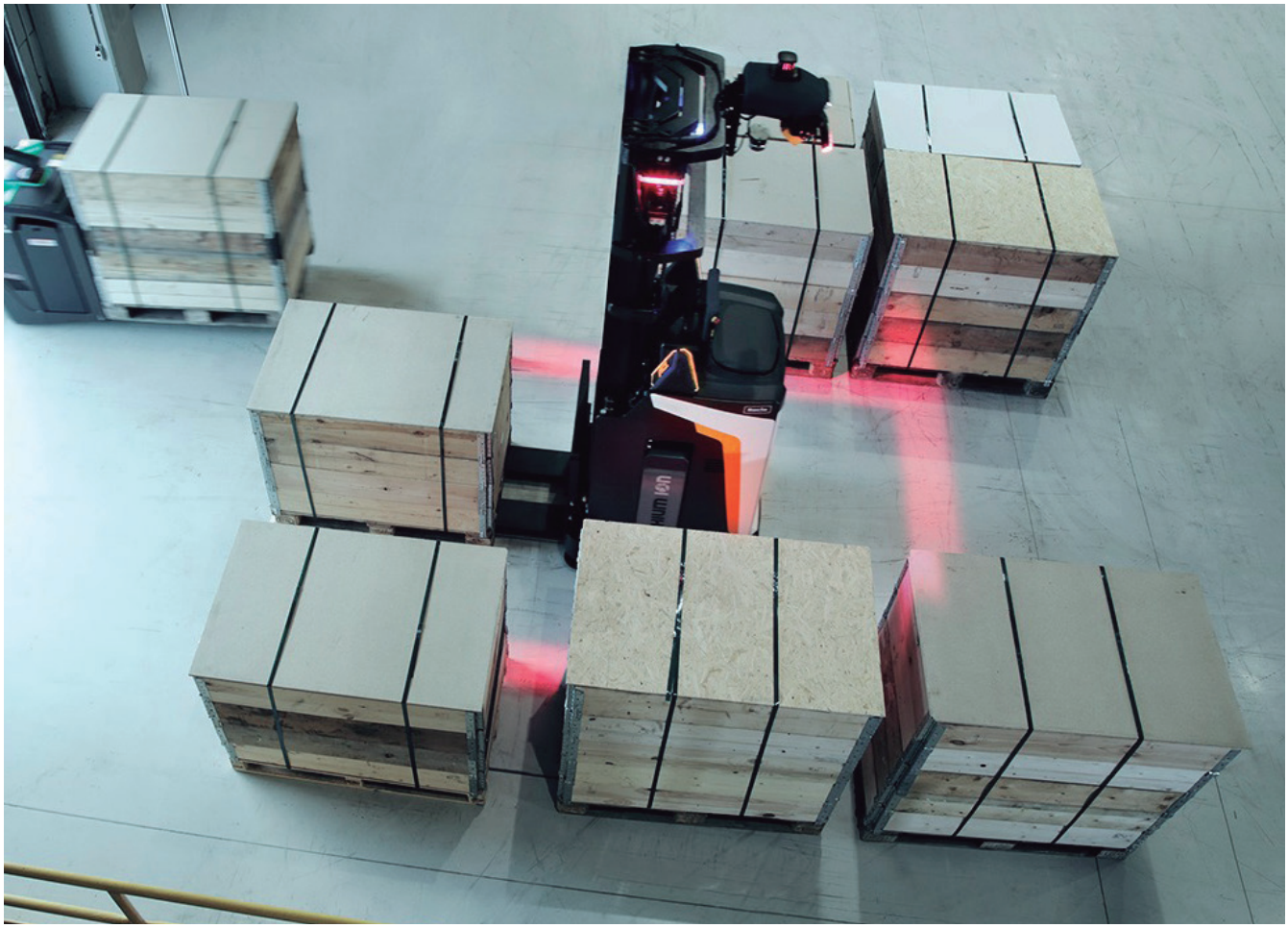
- **Integrated Real-Time Monitoring:** The Shop Floor Monitor enables managers to track production metrics in real-time through user-friendly interfaces like tablets and laptops. This includes updates on performance indicators, production times, and material usage.
- **Streamlined Quality Assurance:** Automated quality checks and final inspections reduce manual errors, ensuring high standards. The system's traceability features also enhance compliance and process optimization.
- **Future-Ready Infrastructure:** The solution provides a gateway for future automation, enabling seamless integration with additional process control systems.

SECTOR
AUTOMATION MACHINERY MANUFACTURING

SIZE
1,001-5,000 EMPLOYEES (500 EMPLOYEES IN FINLAND)

TURNOVER
+ € 80 MLN (2023)

SEDAPTA MODULE
SHOP FLOOR MONITOR



BENEFITS

1) Increased Efficiency:
The digitalization of production processes replaced manual tasks, enabling smoother workflows and reduced downtime.

2) Enhanced Visibility and Control:
Real-time data allows MLE to make on-the-fly adjustments, ensuring optimal production performance and minimized disruptions.

3) Improved Order-to-Delivery Times:
By addressing bottlenecks and enhancing production scheduling, MLE achieves faster and more reliable delivery schedules.

4) Scalability for Future Needs:
The modular nature of the sedApta MES suite ensures that MLE can expand its capabilities in line with future manufacturing demands.

WHY SEDAPTA?

This collaboration not only modernized MLE's production facility but also marked sedApta's entry into the Finnish market, demonstrating the strength of Elisa IndustrIQ's partnership. The success of the pilot project reinforced Elisa IndustrIQ's position as a key enabler of digital transformation in manufacturing.

Logisnext
MITSUBISHI LOGISNEXT EUROPE