



CASE STUDY

Enhancing Label and Inventory Accuracy with Lexon's C.Core Software

CLIENT OBJECTIVES:

1. Improve label accuracy of finished goods to ensure correct labeling and prevent costly errors.
2. Increase inventory accuracy by optimizing tracking and management systems.
3. Minimize human error by automating repetitive tasks and reducing manual data entry.
4. Meet and exceed OEM minimum process requirements, specifically focusing on stringent labeling and tracking.
5. Improve destination code requirements to streamline shipping and logistics.
6. Enable individual part traceability for improved oversight and accountability.
7. Include electronic confirmation for quality checks throughout the manufacturing process to maintain high standards.

CLIENT OVERVIEW:

An automotive manufacturing client, a key supplier to major OEMs, faced several challenges in their operations, particularly in managing label accuracy, inventory control, and meeting OEM compliance requirements. Their objective was to streamline their processes by reducing human error, ensuring part traceability, and improving quality control throughout the production process.

SOLUTION:

LEXON'S C.CORE SOFTWARE

The client implemented Lexon's C.Core software to address these objectives. C.Core provided a comprehensive solution for managing labeling, inventory, and quality control with advanced automation features tailored to meet the demanding needs of the automotive supply chain.



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KEY FEATURES IMPLEMENTED:**1. Automated Labeling System:**

C.Core automated the generation of labels for finished goods, ensuring high accuracy while complying with OEM standards

2. Real-Time Inventory Tracking:

With C.Core's real-time inventory management system, the client significantly improved accuracy, ensuring that stock levels, part locations, and order statuses were always up to date.

3. Error Reduction with Automation:

By automating manual tasks like data entry and part scanning, C.Core minimized human error, boosting overall process efficiency.

4. Compliance with OEM Standards:

C.Core's built-in compliance tools allowed the client to meet and exceed the stringent process and labeling requirements set by OEMs.

5. Destination Code Management:

The software improved destination code assignment, streamlining the shipping process and ensuring that parts reached the correct destinations efficiently.

6. Part Traceability:

C.Core enabled individual part traceability throughout the manufacturing process, offering enhanced visibility into each component's history, from production to delivery.

7. Quality Control Integration:

The software incorporated electronic confirmation checkpoints for quality assurance, ensuring that each part met stringent quality standards before being approved for shipment.

RESULTS:

- **Label Accuracy Increased by 98%:** The automated labeling system virtually eliminated labeling errors, resulting in fewer reworks and production delays.
- **Inventory Accuracy Improved by 95%:** Real-time tracking enhanced stock visibility and minimized discrepancies in inventory records.
- **50% Reduction in Human Error:** Automated workflows reduced manual input, minimizing the likelihood of mistakes.
- **Improved Compliance:** The client consistently met and exceeded OEM labeling and process requirements, strengthening their relationship with OEM partners.
- **Streamlined Shipping Operations:** Enhanced destination code management reduced shipping errors and ensured parts were delivered to the correct location on time.
- **100% Part Traceability:** The client gained full visibility into part movement, improving accountability and reducing the risk of misplaced or misidentified components.
- **Enhanced Quality Control:** Electronic confirmations ensured that every part underwent rigorous quality checks before reaching the customer.

CONCLUSION:

By utilizing Lexon's C.Core software, the client achieved significant improvements in operational efficiency, accuracy, and compliance. The software's ability to automate key processes, track parts in real time, and integrate quality control made it an indispensable tool for meeting the demands of a complex automotive supply chain. The client's investment in C.Core not only helped them meet OEM requirements but also positioned them for long-term success and growth in a competitive market.