

Achieving 50% Productivity Increase and 27% Cost Reduction with Advanced WMS and Voice Picking Capabilities

Client: Almaviva S.A.

Industry: 3PL



Challenge

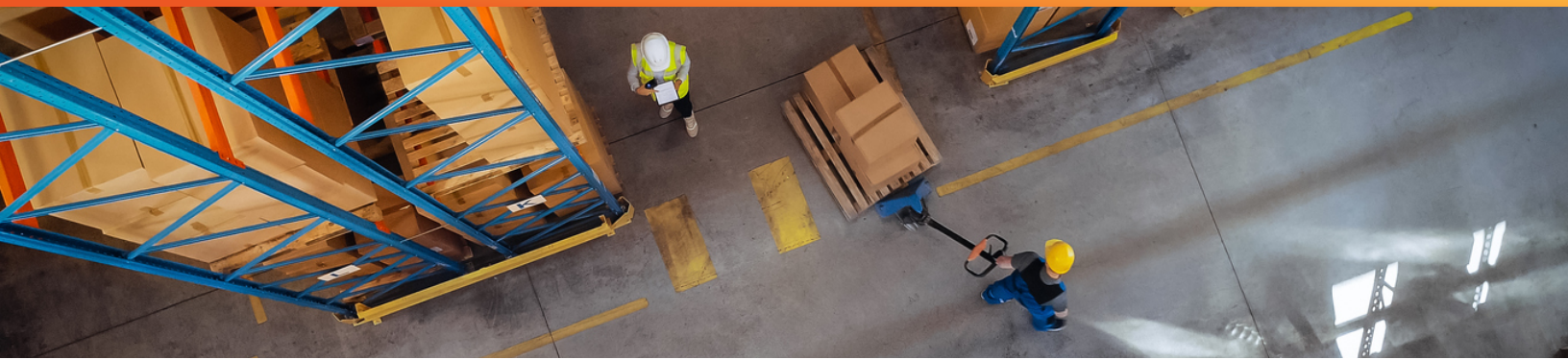
- Fragmented logistics operations
- Limited inventory visibility and accuracy
- Manual, paper-based processes increasing costs

Solution

- Implemented Blue Yonder WMS for centralized operations
- Deployed Voice Picking for picking optimization
- Enabled real-time visibility and inventory control

Results

- Increased productivity by 50%
- Reduced operational costs by 27%
- Achieved 96%+ inventory accuracy



Almaviva S.A. is a logistics service provider with 80+ years of experience, offering a comprehensive portfolio of services and robust infrastructure to guarantee reliability and expertise.

With coverage in 23 cities across Colombia, including maritime ports, border towns, and key industrial and commercial centers, Almaviva operates 45 distribution centers (DC), 8 customs brokerage offices, 5 free trade zones, and 14 customs-approved warehouses. Almaviva's DC operations are tailored to each client's needs, ensuring high levels of efficiency and productivity. To maintain its reputation as a leading logistics provider, the company decided to enhance its integrated logistics solutions by implementing advanced technologies to raise operational standards and deliver exceptional customer service.

Challenge: Optimizing logistics with cutting-edge technology

Almaviva's objective was to integrate all the logistics services it offers to the market. To achieve this, it required technology capable of addressing critical aspects of its logistics processes, such as improving productivity levels while reducing operational, storage, and handling costs. Additionally, it aimed to achieve better and more efficient utilization of space within its DC, along with enhanced inventory visibility and accuracy. Lastly, Almaviva sought to increase order precision by minimizing picking errors.

After evaluating several options, Almaviva chose the optimal combination of Blue Yonder's Warehouse Management System (WMS) and Honeywell's Voice Picking technology.

Solution: Blue Yonder WMS + Honeywell Voice Picking

The implementation began with the first three DC in Bogotá (La Estancia, Puente Aranda, and Álamos). Almaviva received ongoing support and training, enabling its team to roll out the technology in other DCs, guided by Argano's improvement, development, and consulting services.

The WMS implementation enabled Almaviva to enhance and control key logistics processes, including receiving, storage, replenishment, and inventory management. The system provided complete visibility and optimized space utilization.

Before implementation, Almaviva relied entirely on paper-based processes, lacked real-time information, and generated reports that were hard to interpret and not user-friendly. By integrating the system and adopting best practices, Almaviva significantly improved customer satisfaction.

The first step was deploying Blue Yonder's WMS, followed by optimizing picking processes. This began with a detailed assessment to streamline operations and make them more efficient, as well as creating an interface with Almaviva's WMS to enable real time data exchange.

Honeywell's Voice Picking system was first implemented at the Cali DC for a specific client. Today, 90% of orders are processed using this technology, with only 10% managed through radio frequency.

Key benefits

- 50% increase in productivity
- Over 50% reduction in overtime hours
- 99.6%+ inventory accuracy and location reliability
- 100% inventory visibility and control
- 27% reduction in operational costs



About Argano

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