



# Logaritme

Barcelona

# 119

- AUTOMATED SOLUTION
- ON BUDGET – NO DISRUPTION
- CONSULTANCY APPROACH
- ENHANCED OPERATION



# Key Highlights

## The SDI Group Solution for Logaritme

**AUTOMATED SOLUTION:** An automated warehouse solution with 43,000 locations to store and pick a diverse range of products for public hospitals and medical centres.

**ON BUDGET – NO DISRUPTION:** The solution was delivered on budget and with minimal operational disruption for the client.

**CONSULTANCY APPROACH:** SDI Group's unique consultancy approach has resulted in a solution that is future-proof and meets the precise needs of the customer.

**ENHANCED OPERATION:** The solution has achieved operational efficiencies by increasing capacity, enhancing order picking and boosting supply chain productivity.

# Logaritme



## THE CHALLENGE

Logaritme, a company supplying equipment to public hospitals and medical centres in Catalonia, Spain, was consolidating its warehousing operation from five sites to a new purpose-built, 15,000 sq m facility in Sant Sadurni d'anoia, Barcelona.

Along with dedicated floors for the storage of pallets and boxes, Logaritme required an automated handling solution for a unit picking operation within the new warehouse.

## THE SOLUTION

SDI Group has developed an automated warehouse handling system that provides Logaritme with an efficient storage and picking solution to service medical facilities across Catalonia. The company was selected after a competitive tender process that chose the provider based on price, technical value of the system and how the technology solution best met the supply chain needs of Logaritme.

The system has enabled Logaritme to effectively consolidate its warehouse operation into the single site, significantly reducing operating costs and headcount. By adopting the solution, the organisation has also enhanced picking speed and accuracy, so it can better respond to its customers, whilst capacity has been increased to handle future growth in the business.



## THE SYSTEM

Includes a five-aisle single deep mini load provides 43,000 locations for the high-density storage of totes. The automated storage and retrieval system is equipped with anti-pendulum drive to maximise travelling speed. The lateral dynamic picking locations to one aisle encompass a high-speed pick-to-light operation for fast picked products. Totes can also be extracted from the mini load system and transported to two goods to men picking stations for dynamic order preparation. The system also utilises a 16-lane carton sorter to complete the order preparation process.

The SDI Group design provides adaptable and flexible dynamic picking that can be flexed to meet seasonal peaks whilst maintaining performance and accuracy.

This innovative design approach, combined with the standard products that SDI manufacture, gives the company's customers the best integration solutions available to meet their diverse challenges.

Following the award of the contract in November 2007, SDI Group commenced work at the beginning of 2008 and the system was installed and operational by October 2008. The solution was completed on-budget with minimum disruption to Logaritme.



## ABOUT LOGARITME

Logaritme is a company supplying equipment to public hospitals and medical centres in the Catalan region of Spain.

The company stocks and supplies a diverse range of products including stationery, cleaning products, mattresses and baby food, as well as medical equipment such as needles and serum.

## ABOUT SDI GROUP

SDI Group plc, a leading specialist in the provision of integrated materials handling solutions for retail, wholesale, fulfilment and e-commerce distribution operations.

The Group's collective experience and expertise encompasses the entire spectrum of distribution centre operation and infrastructure, from consultation, design and building to installation, maintenance and support. As a global systems integrator, the Group designs solutions which improve productivity and retail sales margin while supporting sales growth.



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