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Industry can do it

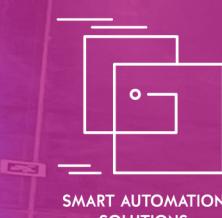
**gaia**  
HERBS

**CAJA**

## Gaia Herbs Case Study



- Reduced Black Friday fulfillment times
- 100% on-time delivery for six consecutive months
- Achieved high throughput within a compact footprint
- Customized bin design tailored to the client's specific needs, reducing the need for decanting



SMART AUTOMATION  
SOLUTIONS

INTRALOGISTICS



Gaia Herbs is a global leader in herbal supplements with more than 35 years of industry leadership. The brand is known for its commitment to delivering high-quality herbal supplements rooted in purity, potency, and transparency, and recognized the need to advance its warehousing processes to meet evolving customer demands.

| Location       | Vertical               | Activity      | Warehouse         | Go-Live Date    |
|----------------|------------------------|---------------|-------------------|-----------------|
| <b>NC, USA</b> | <b>Medical Devices</b> | <b>Retail</b> | <b>Brownfield</b> | <b>May 2024</b> |

#### Challenges

- Increased manual labor costs became unsustainable
- Long walking distances
- Needed faster delivery time
- Required more accurate picking
- Handling inefficiencies and errors occurring with manual picking
- Needed FEFO (First Expired, First Out) picking strategy for health supplement compliance

#### Solution

- Overall area: 900sqm (9,690sqft)
- Storage height: 5.3m (17.4ft)
- Bin material: Cardboard
- Bin height: 230mm-280mm (9"-11")
- Bin locations: 5,500-7,000
- SKUs: 300+
- Robots: 8
- Picking stations: 3
- Inbound stations: 1
- Orders per day: 750
- Order lines per day: 4,050
- Avg. units per day: 20,655
- Avg. units per hour: 1,291

#### Customer Value

- Automation in under six months from decision to full operations
- Increased accuracy in item picking with FEFO strategy implemented
- 100% on-time delivery for a period of 6 months
- Reduced picking time
- Black Friday fulfillment down from 3 weeks to 5 days while handling 300% rise in orders
- Reduction in manpower while managing operational growth
- Improved working conditions - more ergonomic, and shorter walking distances

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