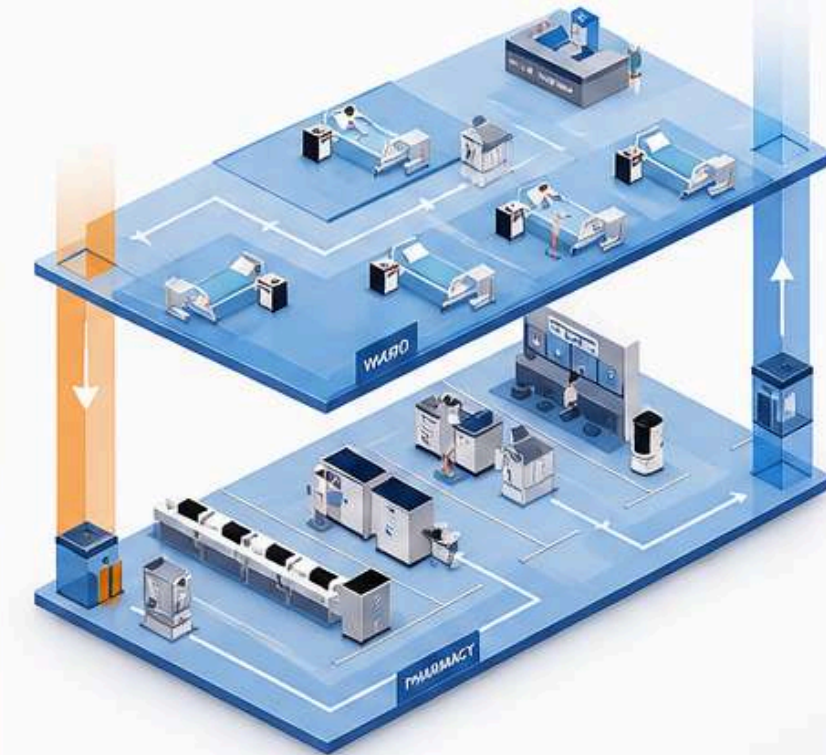




Robotics in Healthcare

Avalon's Solutions and Opportunities
for Health Authorities.



Smarter Logistics
Automate internal deliveries



Safer Workflows
Reduce risk and ensure compliance



Stronger Care
Free up time for what matters most

Smarter Logistics. | Safer Workflows. | Stronger Care.

Manual Delivery Delays Care. Secure Automation Moves It Forward.

Smarter workflows. Safer supplies. Better patient outcomes.

✗ MANUAL DELIVERY



DELAYS

Time lost in transport slows down care.



RISKS

Human error and lost items.



WORKLOAD

Staff pulled away from patient care.



NO VISIBILITY

Untracked inventory creates gaps.



VS.

✓ AUTOMATED DELIVERY



SECURE

Lockable delivery keeps supplies safe and compliant.



ON TIME

Autonomous delivery ensures supplies arrive when needed.



STAFF FREEDOM

Frees up staff to focus on what matters most.



REAL-TIME VISIBILITY

Track inventory and deliveries in real time.



Secure Cabinets

Protect sensitive items with lockable storage.



100kg Capacity

Handles heavy and bulky deliveries.



Smart Navigation

Moves safely through dynamic environments.



Better Outcomes

Reliable supplies. Happier patients. Stronger care.



Smart Care Delivery Platform

AUTONOMOUS MOBILE ROBOTS in Healthcare

Transforming hospital logistics — efficiency, reliability, staff workflow




NURSE ROBOT
Your autonomous assistant for smarter care

-  **SAFE & RELIABLE**
Built for hospital environments
-  **AUTONOMOUS NAVIGATION**
Smart, secure multi-floor travel
-  **SECURE TRANSPORT**
Protects sensitive items
-  **SMART CHARGING**
Always ready when you need it

ANNUAL COST SAVINGS

\$200K
to \$300K
per robot, per year

Freeing staff for patient care

ON-TIME DELIVERY RATE

96–98%
up from ~65%

Before 

After 

URGENT DELIVERY TIME REDUCED

12–18 minutes
faster per urgent delivery run



-  **STREAMLINES SUPPLY DELIVERY**
Automates transport of meds, supplies, specimens, meals & more
-  **REDUCES NURSE WALK TIME**
Minimizes non-clinical time and interruptions
-  **SUPPORTS BETTER PATIENT CARE**
Timely deliveries and more time at the patient's bedside
-  **SOCIAL & ASSISTIVE CAPABILITIES**
Patient interaction, education, and wellbeing support
-  **ENHANCES OPERATIONAL EFFICIENCY**
Improves productivity, reduces delays, and lowers operational costs



Smarter Hospital Logistics - Better Patient Care.



One Robot. Endless Possibilities.

Safe, secure, and smart delivery across your entire facility.

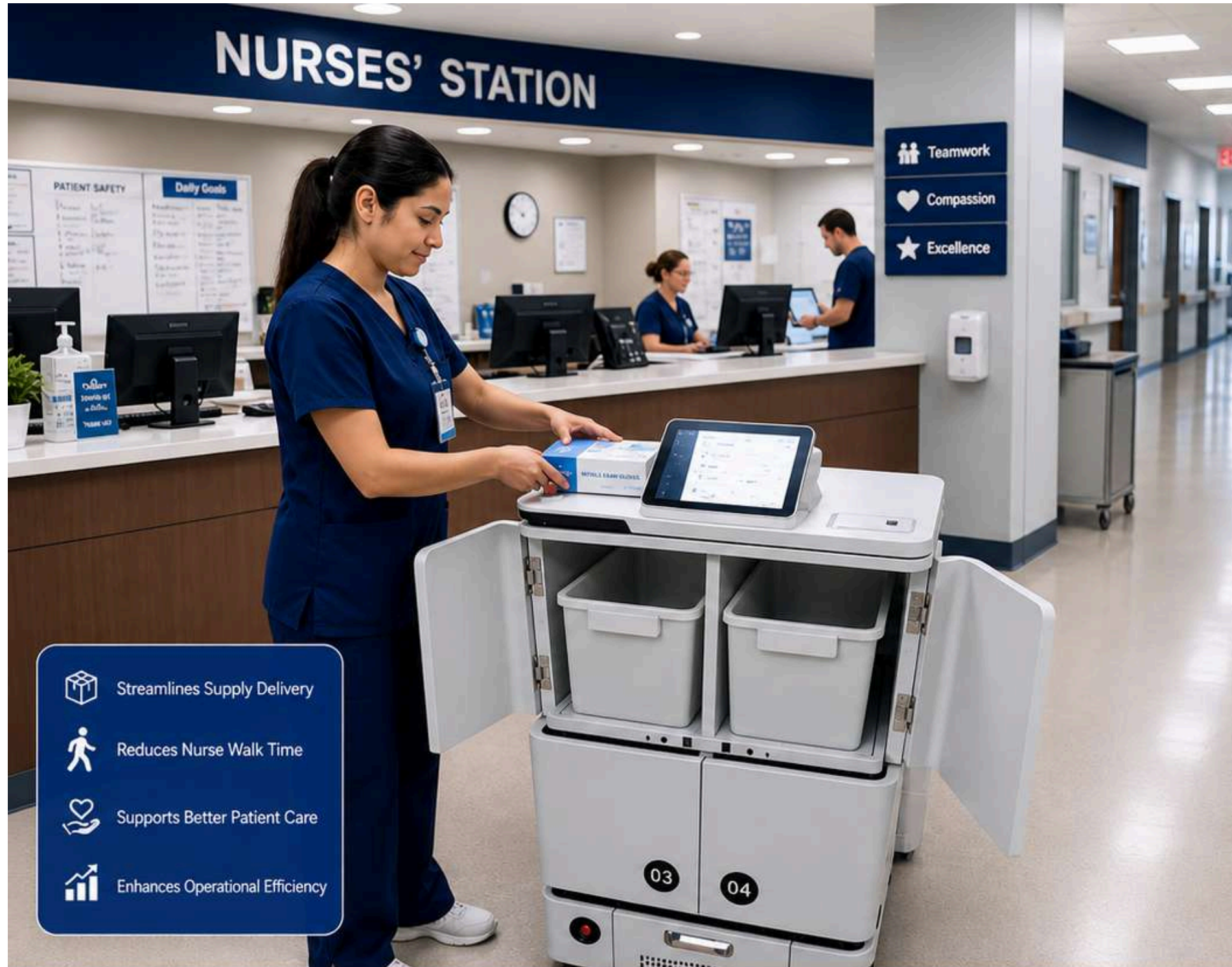
- **Multi-Purpose**
Delivers a wide range of items across departments.
- **Secure & Reliable**
Lockable compartments ensure safe transport every time.
- **Smart Navigation**
Autonomous and efficient movement in dynamic healthcare environments.
- **Built for Healthcare**
Designed to enhance workflows and improve patient care.

- **Secure 118L Cabinet**
Protects sensitive items and maintains integrity.
- **100kg Load Capacity**
Handles heavy and bulkier deliveries.

Leo goes beyond traditional delivery. With its secure 118L cabinet and 100kg load capacity, it transports emergency items, lab samples, pharmacy goods, and OR materials across clinical departments and surgical rooms.

Beyond logistics, Leo actively supports patient wellbeing and staff engagement through uplifting messages, decorative displays, and meaningful interactions on the clinical floor.

Flexible. Secure. Built for Healthcare Logistics.



-  Streamlines Supply Delivery
-  Reduces Nurse Walk Time
-  Supports Better Patient Care
-  Enhances Operational Efficiency



Operational Efficiency

- Automates routine delivery tasks across departments
- Reduces staff time spent on non-clinical movement
- Improves turnaround time for supplies and clinical materials



Staff Productivity

- Enables care givers to stay with patients
- Reduces interruptions and task switching
- Supports workforce optimization without additional human resources



Patient Experience

- Enables timely, secure delivery of meals, linens, and essential supplies
- Supports a calmer, more responsive care environment
- Can assist with engagement and communication



Risk and Safety

- Minimizes unnecessary staff movement across units
- Supports controlled, secure transport of high-value clinical materials
- Reduces contamination and manual handling risks



Smarter Deliveries. Better Care. Stronger Teams.

Empowering nurses to focus on what matters most—patients.



Secure



Autonomous



Reliable



Secure, Autonomous Transport Platform



HAZARDOUS & BULKY ITEMS

Safely transport biohazard waste and bulky items.



MEDICAL BINS

Deliver empty or used medical bins efficiently.



CLINICAL SUPPLIES

Deliver essential clinical supplies on demand.



LINENS

Deliver clean or used linens quickly and reliably.



MEALS

Ensure timely and discreet delivery of patient meals.



PILLS

Secure transportation of medications.



Smarter Logistics. Better Care.

Healthcare organizations are under increasing pressure to do more with less without compromising patient care. Leo, Nurse Assistive Robot helps bridge that gap by automating internal logistics, reducing non-clinical workload, and improving operational flow across departments.

It's not just about moving items, it's about enabling better care delivery.



Boost Efficiency
Automate deliveries and reduce delays



Reduce Workload
Free up staff for patient care



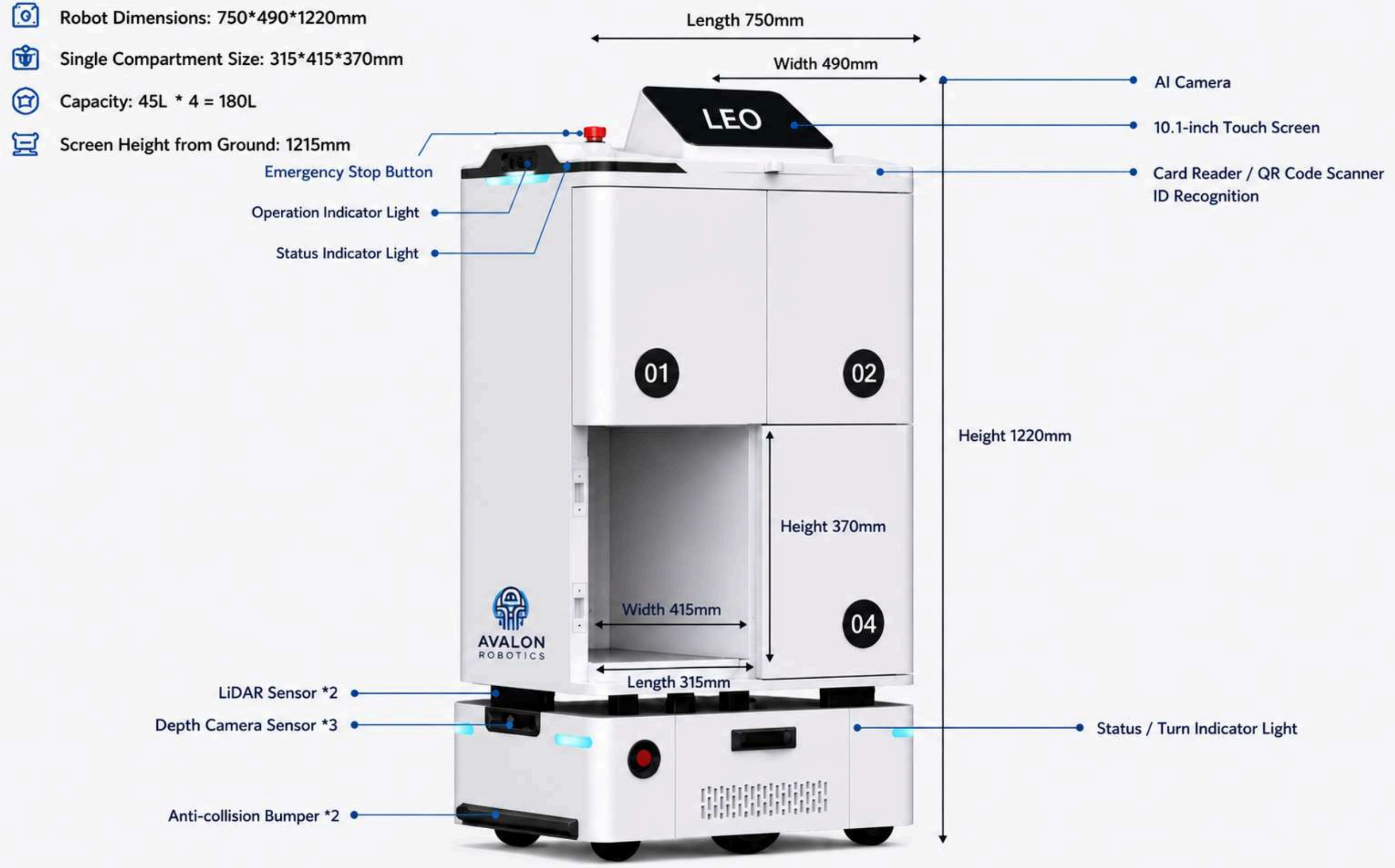
Enhance Safety
Secure transport of sensitive items



Improve Experience
Reliable deliveries that support better patient outcomes



Leo, the Nurse Robot





MEET THE LEO FAMILY

Intelligent. Reliable. Built for Healthcare Logistics.



LEO X
Medium-Sized Container
Logistics Robot

- Load capacity \geq 200kg
- Three-tier enclosed storage
- Ideal for ward-to-ward delivery
- Autonomous navigation

LEO XL
Heavy-Duty Container
Logistics Robot

- Load capacity \geq 300kg
- Six-compartment enclosed storage
- Designed for high-volume transport
- Secure and efficient operations

LEO C
Open Shelf
Logistics Robot

- Load capacity \geq 200kg
- Three-layer open shelving
- Easy access for fast-paced environments
- Flexible for multiple use cases

LEO L (Lift Series)
Heavy-Duty Lifting
Logistics Robot

- Load capacity \geq 300kg
- Split top lifting system
- Designed for bulk and equipment transport
- Enhanced workflow automation

LEO S
Lightweight Container
Logistics Robot

- Load capacity \geq 100kg
- Four-compartment enclosed storage
- Compact and agile design
- Ideal for smaller facilities and quick delivery

BUILT FOR HEALTHCARE ENVIRONMENTS

- Autonomous Navigation
- Safe & Reliable Operation
- Seamless Integration with Hospital Workflows
- 24/7 Continuous Operation
- Data-Driven Insights & Tracking

LEO
Moving Technology.
Forwarding Care.