

deliverz.ai

Intelligent Delivery Automation Solutions

20% FREED UP NURSING TIME

Reduce logistics failures

X4 MORE DELIVERIES

Increase throughput, faster and predictable

X7.5 COST REDUCTION

Operational cost savings



Optimize & transform hospital logistics end-to-end, by connecting people, workflows and robots.

Maximize Efficiency. Minimize delays.

Powered by AI-Driven Autonomous Logistics

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The Challenge:

Inefficient Logistics > Ineffective Care

Hospitals aren't just facing staffing shortages, they're losing critical care time to broken, inefficient logistics that pull nurses and clinicians away from patients and disrupt effective care. The result is wasted time, higher costs, delayed care, extended Length of Stay (LOS) and increased burnout and operational risk.

Deliverz.ai redefines hospital logistics with an intelligent, AI-based automation platform that seamlessly orchestrates staff and autonomous robots in real time, restoring time for patient care, reducing cost and risk, and optimizing patient flow.

Massive Time Waste

20%

20% of every nurse's shift is lost searching for supplies. Nearly one full workday per week!

Labor Shortage

86%

of Hospital CEOs cite nurses shortfalls as a top concern, with a 20% nursing turnover annually.

Patient Care Disruption

86%

of nurses leave procedures to hunt for supplies, directly impacting patient safety and care quality.

Logistics Failures

50%

of nurses report late/missing deliveries delaying or canceling procedures which impact quality of care and extended length of stay.

Financial Impact

\$14 billion

in annual waste is driven by supply inefficiencies across U.S. hospitals.

Burnout Driver

60%

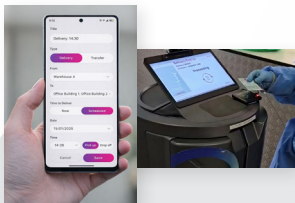
of nurses report burnout on a regular basis, driving stress, turnover, and staffing challenges.

The Solution:

End-to-End Platform for Healthcare Logistics Orchestration and Autonomous Robotics

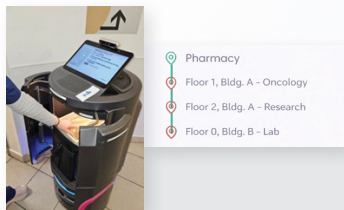
deliverz.ai is a real-time, AI-driven orchestration platform for autonomous healthcare logistics, providing a unified control layer across robots, staff, and hospital infrastructure. The platform dynamically assigns tasks based on location, priority, and availability, optimizing routes and scheduling in real time with advanced analytics insights through a centralized operations system. A simple, intuitive interface with voice interaction streamlines order management, pickups and drop-offs.

Robot-agnostic by design, deliverz.ai integrates with any robot type and securely connects to doors, elevators, gates and access-control systems to enable safe, frictionless workflows across multi-floor, multi-building indoor and outdoor environments.



Intuitive user Interface

Mobile app, voice interaction, on-robot touch display, Badge reader



AI-Orchestration

Prioritization, multiple pickups & drop-offs, resource allocation, sequencing



Advanced Navigation

Route optimization, indoors & outdoors, multiple floors & buildings



Analytics

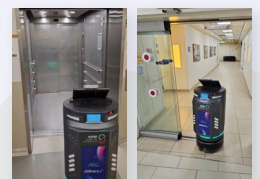
Dashboards & Insights: Efficiency, Delivery Performance, Wait Times, Operational KPIs



Robot-Agnostic

Works with any robot type, customized per use case.

deliverz.ai



Facilities Integration

Elevators, doors, gates, access control systems

Streamlined & Orchestrated Workflows

Designed for a range of use cases:

Lab, Pharmacy, EVS, Food, Linen, Supplies,
Pathology, Oncology, OR, and more.



Time & Cost Savings at a Glance

416 hrs.
Saved per nurse
per year

124,000 hrs.
Saved in
a 300-nurse hospital

>\$6M
Annual time
value saved

>370,000
more patient
interactions annually



Significant time is now reinvested for patient monitoring,
care coordination, and clinical excellence

Delivering Value with deliverz.ai



Free Up Nursing Time

Up to 20% more nursing time for patient care



Fast & Predictable Deliveries

x4 more deliveries with faster and more predictable turnaround



Eliminate Logistics Failures

No more late or missing deliveries that lead to delayed care



Patient Satisfaction

Improved patient experience through timely care and shorter wait times



LOS Reduction

Reduced Length of Stay increases patient capacity and throughput



Staff Retention

Reduce staff burnout by cutting logistics load and administrative burden



Efficient Workflows

Less care disruptions, cross department orchestration and prioritization



Cost Reduction

Increase efficiency and profitability by optimizing logistics through data-driven analytics

Cost Efficiency

Significant Cost and Performance Gap: AI Robots vs. Traditional Human Workforce

Human Transporters

X3 Shifts, Manual

30

Deliveries / Day

vs.

deliverz.ai Robot

AI-Powered Logistics 24x7

120

Deliveries / Day

4X More Deliveries Increase Throughput

7.5X Operational Cost Savings

30X Combined Efficiency Improvement

Case Study: Sheba Medical Center



Background

- Sheba Medical Center is a 1700 bed medical center, recognized globally for clinical excellence, cutting-edge research, and innovation in healthcare.
- Sheba serves a diverse patient population and offers advanced care across all major medical specialties.

Challenge

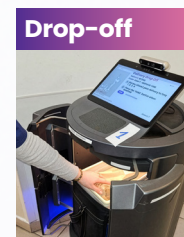
- Delivery delays due to manual transport across multiple hospital buildings
- Extended Length of Stay due to delayed, time-sensitive deliveries between departments (Oncology – Pharmacy)

Solution

- Autonomous robots transport time-critical chemotherapy medications between the Pharmacy and Oncology Center, coordinated by a central AI orchestration system.
- Secure autonomous delivery between multiple buildings through elevators, doors and gates, both indoors and outdoors
- Voice interaction to notify staff of pickups and drop-offs
- Performance analytics tracking efficiency, delivery KPIs, wait times, and operational statistics



Pickup



Drop-off



Doors



Gates



Elevators



Route Optimization & Prioritization

Benefits

- Cut delivery time by more than half the time
- LOS reduction
- Improved patient experience and satisfaction
- Free up transporters time
- Predictable delivery times and ETA

Future Expansion

- Expanding to multiple use cases up to 30 robots



The first workflow was focused on delivering chemotherapy substances between the pharmacy and the Oncology center. We at the Sheba medical center, believe and trust in deliverz.ai unique offering and are looking forward to continue working with deliverz.ai.



Prof. Eyal Zimlichman - MD, MSc (MHCM),
Chief Transformation Officer, Chief Innovation Officer, Chief AI Officer & Director and Founder of ARC Innovation

10 Game-Changing Advantages Only deliverz.ai Delivers

1 Hybrid Delivery System

Industry-first: Seamless AI coordination between autonomous robots and human couriers. Maximizes throughput by using the right resource for each task.

2 Indoor + Outdoor Capability

Navigate between floors, buildings, elevators, automatic doors, and people-dense areas. **No other system handles multi-building campuses this seamlessly.**

3 Centralized AI Management

Real-time task allocation, route optimization, and delivery prioritization. **One intelligent system managing all logistics resources.**

4 Platform-Agnostic Robotics

Works with ANY robot brand. We don't lock you into proprietary hardware. **We provide the perfect robot for YOUR needs.**

5 Unmatched Efficiency

7.5x more cost-effective than traditional staffing
Returns **20% of nurse time** to patient care
Operates 24/7 without breaks

6 Regulatory Ready

CE certified for crowded clinical environments. Meets safety standards for healthcare facilities. Real-time delivery & chain-of-custody tracking

7 Seamless Integration

Interfaces with elevators, auto-doors, hospital maps, Epic, Cerner, SAP.
No infrastructure changes required.

8 AI-Based Optimization

AI learns your patterns to optimize scheduling and prevent bottlenecks. **Gets smarter every day.**

9 Zero Disruption

Operates safely in human-heavy settings. Staff love it because it **enhances their workflow** without getting in the way.

10 Infinite Scalability

From single department to entire campus. Works in hospitals, clinics, industrial zones, and residential campuses. **Grow at your pace.**



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