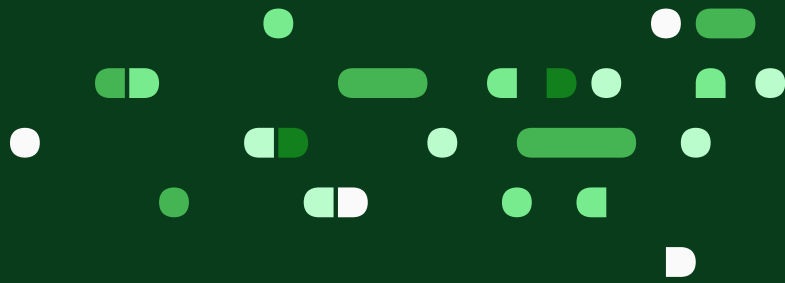# Transform your hospital pharmacy to New Levels of Speed and Efficiency

Build the Pharmacy of Tomorrow Today

Omnicell: Who We Are

At Omnicell we develop technology to make life better and safer for your patients. We've got more than 20 years' experience in designing, manufacturing, installing and maintaining automated pharmacy dispensing systems. That means we are the perfect partner to guide you through a smooth and efficient transition when it comes to automating your hospital pharmacy.

About our system:
Providing Fast and Safe Medication Dispensing

Are you under pressure to significantly reduce patient waiting time and handling costs in your inpatient or outpatient pharmacy while increasing efficiency? Are you looking to increase your pharmacy operations without adding staff? Omnicell robotic dispensing solutions can help hospital pharmacies address these challenges.

Omnicell's sophisticated modular systems are German engineered and can be adjusted to perfectly match the needs of your hospital pharmacy. Our systems fully comply with the latest medical practices in prescribing drugs and are designed to eliminate interfacing issues experienced by many other robots.

Our customized systems offer maximum automation with minimum manual input. Our design team will assist in determining the best place for your robot. The modular approach means we can create a number of solutions in varying combinations.

Key Features and Benefits

- Fast and flexible picking.
- The only solution to allow you to combine channel picking, chaotic storage and arm picking in the same system.
- Only solution in the market that offers four arms (One Medimat and three Speedboxes).
- Long-lasting design with high quality material.

- Safer, quicker and more efficient dispensing with reduced human errors.
- Improved inventory control and savings.
- More time to interact with patients.
- Reliable, automated work process increases dispensary output 24/7.
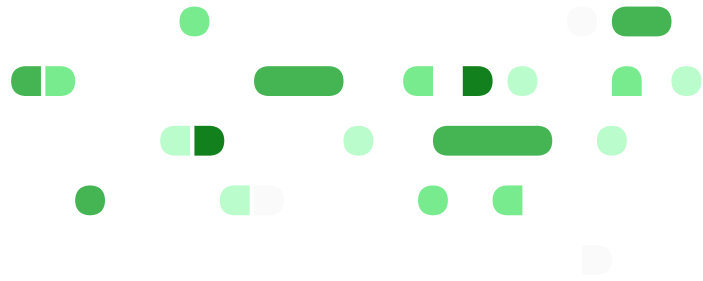- A less hectic, more organized dispensing environment.

> We have completely changed the way we have worked – within weeks of installing the robot we were able to get at least 10% more staff time on wards.

Gill Honeywell, Chief Pharmacist, St. Mary's Hospital, Isle of Wight, England

Choose the technology that works best for you.

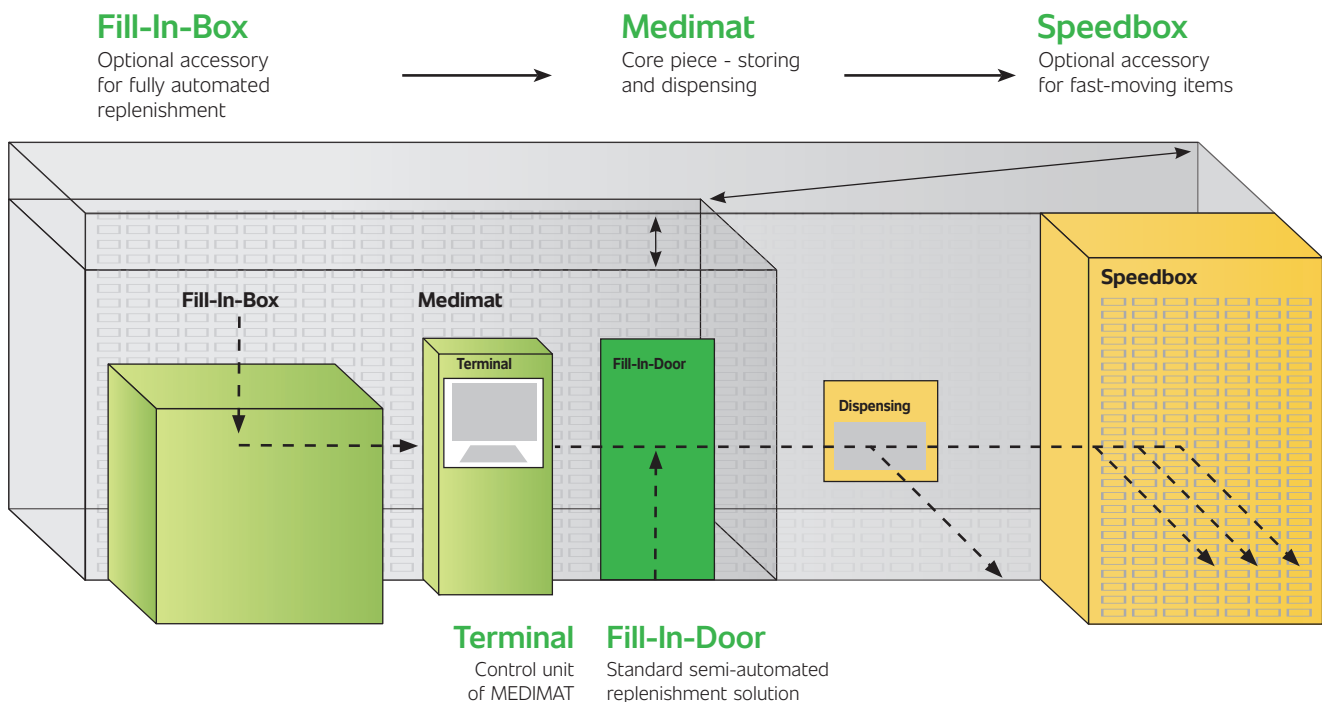## Greater Integration Simplifies Your Operations

Our flexible and modular solutions suit a variety of dispensing environments and can grow as your needs increase. Omnicell is the only provider of robotic systems that use chaotic or channel technology along with an integrated solution that combines them both. This flexibility offers the speed of channel system dispensing for your fast moving items while using the efficient storage environment of the chaotic system for slow to medium movers.

Our Modular System: Whatever Your Requirements – We Will More Than Match Them

With The Latest Technology: Medimat + Speedbox = Robomat.

The Medimat (with Fill-In-Door and the terminal) is a compact automation solution and can be customized in 5 cm increments to optimize the use of your available space. The Medimat is the core piece of the solution, which can be extended with up to three Speedbox modules to increase output volume and speed.

The Fill-In-Box is an additional accessory for a fully automated replenishment process.

Fill-In-Box
Optional accessory for fully automated replenishment

Medimat
Core piece - storing and dispensing

Speedbox
Optional accessory for fast-moving items

Terminal
Control unit of MEDIMAT

Fill-In-Door
Standard semi-automated replenishment solution

More Time
for Your Service

Medimat
Versatile Automation
Improves Your Operations

The Medimat is the core piece of our modular system and can be built in length and height to fit your needs. It serves as a warehouse and dispensing unit. Replenishment is through our Fill-In-Door, which is unique in the market. This is the standard system provided. For an advanced robotic dispensing solution the Medimat can be fitted with specialized accessories and with conveying technology.

- Optimize use of space with the chaotic storing system
- Design flexibility – can be customized to your pharmacy layout such as U shape, L shape or straight
- Modular system for a fully customized solution

Specifications:

Length:	Custom made from 3.75 m up to 17 m in 0.05 m increments
Width:	1.31 m or 1.61 m
Height:	Custom made from 1.65 m up to 3.5 m in 0.05 m increments

Storage capacity: Up to 70,000 packs (depending on item structure)
Bar code: Standard, 2D data matrix code, type GS1

Fill-In-Door
The Door to Greater Efficiency

Due to the semi-automated restocking mechanism, the Fill-In-Door requires minimal handling time to feed the robot with the medication packages. It is easy to use and its foolproof design allows any pharmacy staff member to randomly place the items on the shelf regardless of the position of the barcode or the size of the package. The rest of the process is fully automated and verified by the system.

- Quick and simple inventory replenishment
- Unique to Omnicell, no other machine has equivalent process
- Minimal manual labor during the replenishment cycle

Fill-In-Box
Fully Automated Loading Frees Up Time

The Fill-In-Box is an automated replenishment system that can be added to the Medimat. Simply tip the medicine packs into the device, and they will be processed automatically. Capacity can be expanded up to several thousand packs by adding a conveyer belt.

- Fully automated loading – no manual packing
- Sorts bulk deliveries, reducing workload
- 24/7 overnight filling when no staff available

Specifications:
Types: S1 and S2   Width: 1.5 m
Depth: 0.5 m Height: 1.25 m
Replenishment: up to 250 packs per hour

Higher Productivity for you

Speedbox: Fast Dispensing Increases Productivity

This channel filling system is ideally suited to fast-moving inventory and can easily handle high demand volumes. The Speedbox will be replenished by the Medimat and all additional accessories are fully implemented into the solution for a robust and smooth operation. It uses flexible conveyor
technology which can be adapted to meet the needs of any pharmacy. Channel sizes can be reconfigured automatically, making it easy to adapt to any changes in product lines.

- Fastest dispensing system
- Handles high demand volumes
- Can be installed as three additional units in parallel for increase in speed and capacity.

Specifications:

Types:	Speedbox XL with two magazines
	Speedbox XXL with three magazines
Height:	From 1.65 m up to 2.50 m,
	in 0.05 m increments
Width:	Version XL = 2.3 m XXL = 3.1 m
Depth:	0.87 m
Dispensing:	From 720 up to 2400 packs per hour
	Multi-picking available

Robomat: Get the Best of Both Worlds

Made up of our Medimat and Speedbox, the Robomat will provide you with greater efficiency than you ever thought possible. It provides optimum automation for slow, medium and fast-moving lines, by combining automated and half-automated replenishment.
A Robomat can include up to three Speedboxes to provide a four arm solution, unique in the market.

• Up to four arms in one solution
• Combining channel and chaotic systems eliminates the need for double robotic arms in one warehouse, which can slow dispensing times
• Simultaneous loading and dispensing

Your Partner in Automation: Providing Innovative Technology Solutions

Omnicell is a leading worldwide provider of automated medication cabinets, pharmacy robotic systems, and medication adherence solutions. Our technologically advanced automation enables health care facilities to manage medications and supplies more effectively and improve patient care. Through our Middle East Specialist team, we provide exceptional customer support to ensure health care providers gain the most value from their Omnicell systems.

11%
Reduction in medication spend
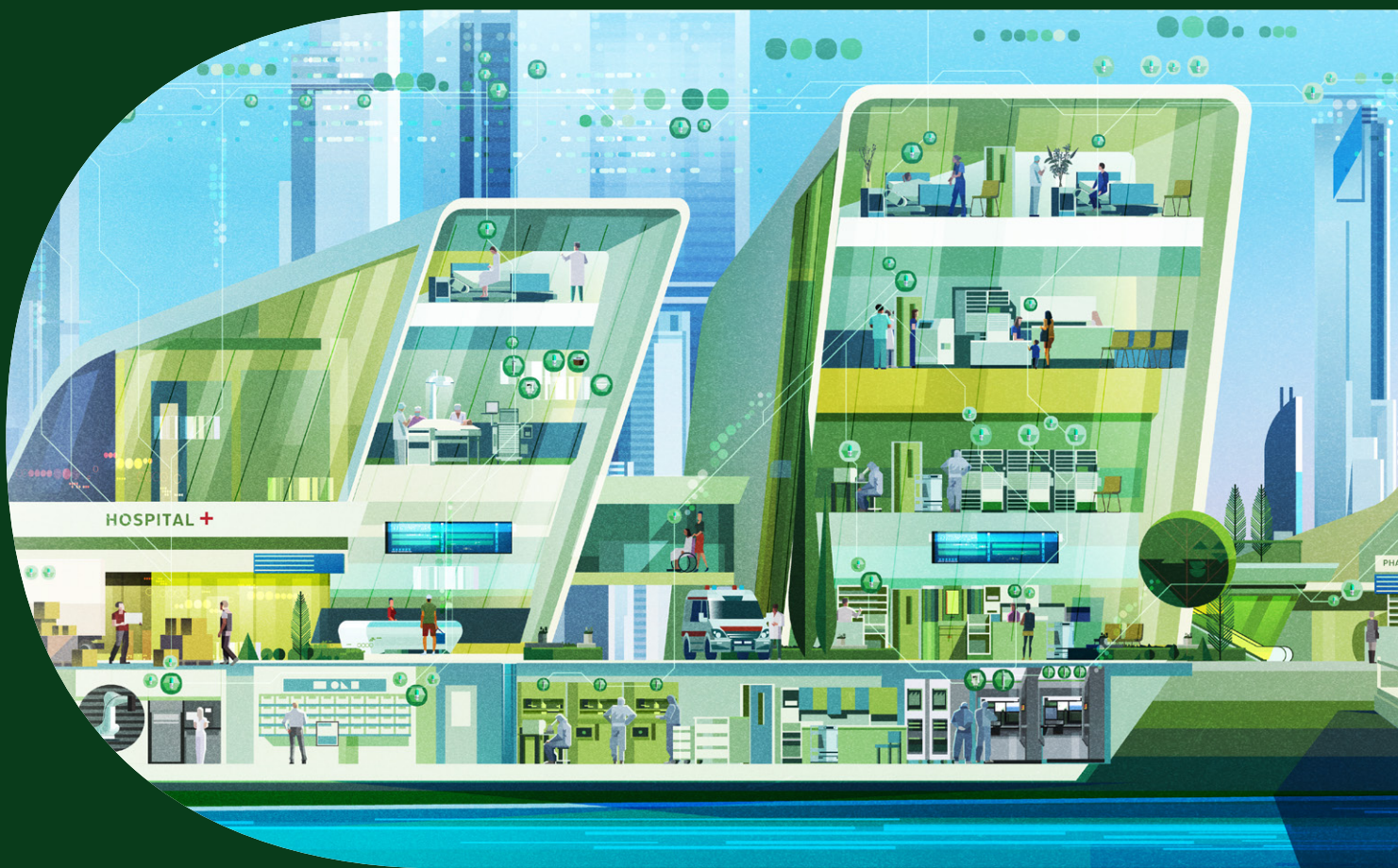
Increased Patient Time
Due to nurses saving time looking for drugs

Increased Patient Safety
Due to safety features that confirm the right drugs are selceted

Source: Case Study, Hamad General Hospital

Specifications:

Length:	Custom made from 3.75 m up to 17 meters in 0.05 m increments
Width:	1.31 m or 1.61 m
Height:	Custom made from 1.65 m up to 3.5 m in 0.05 m increments
Dispensing:	Up to 2400 packs/hr (1 Speedbox)
	Up to 3300 packs/hr (2 Speedboxes)
	Up to 4200 packs/hr (3 Speedboxes)

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