OmniKart

More Than Just A Cart

Mobile Medication Workstation

OmniKart is a sophisticated mobile medication workstation, specifically designed to cater to the daily routines of nurses in hospitals. The system is engineered to optimize the medication administration process while ensuring secure transportation of medications from the cabinet to the patient's bedside.
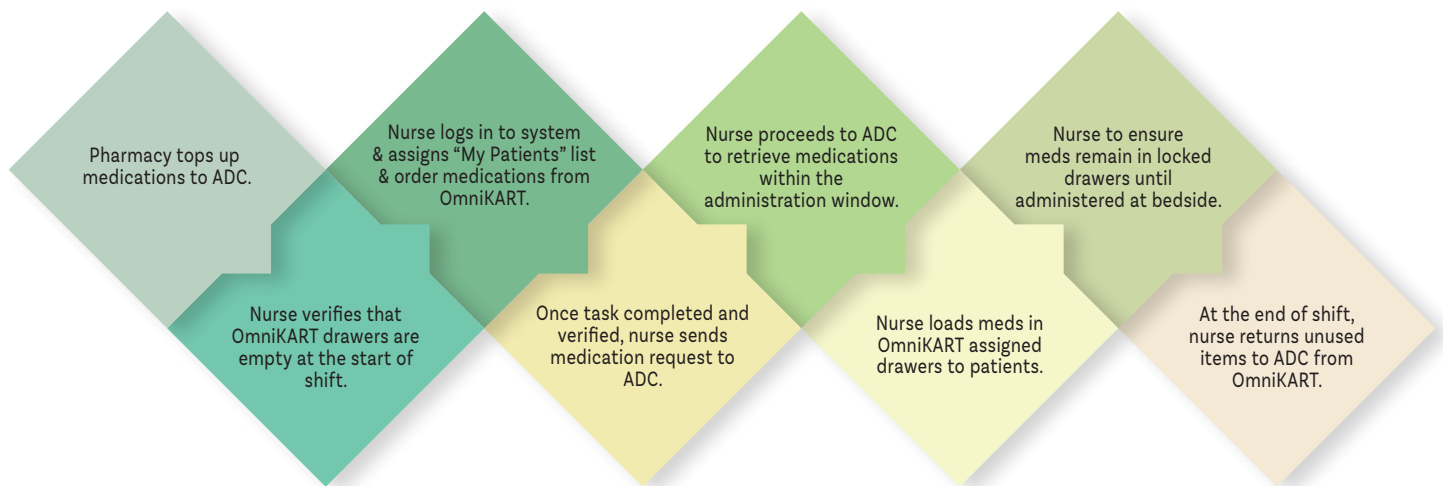
This exceptional system empowers nurses to effortlessly request, retrieve, and deliver all their patients' medication in a single trip to the medication cabinet, thereby boosting overall efficiency and quality of care.

Nurses' shifts involve multiple trips to the Omnicell ADC & bedsides.
Using the OmniKart eliminates the need for multiple trips by allowing nurses to request, retrieve, and deliver all patients' medication in a single trip.
The OmniKart's enhanced security features ensure that safety standards are not compromised.

Patient Satisfaction is achieved by ensuring Faster, Secure & Convenient solution for nurses.

Pharmacy tops up medications to ADC.

Nurse verifies that OmniKART drawers are empty at the start of shift.

Nurse logs in to system & assigns "My Patients" list & order medications from OmniKART.

Once task completed and verified, nurse sends medication request to ADC.

Nurse proceeds to ADC to retrieve medications within the administration window.

Nurse loads meds in OmniKART assigned drawers to patients.

Nurse to ensure meds remain in locked drawers until administered at bedside.

At the end of shift, nurse returns unused items to ADC from OmniKART.

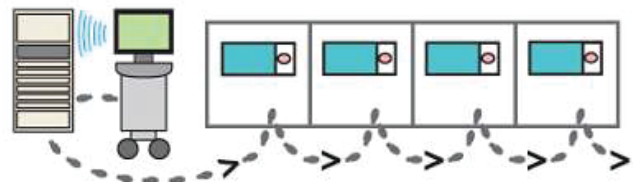**Provides a Faster, Safer and More Secure Medication Administration Process**
• Seamlessly integrates the Omnicell ADC and Hospital Information System to enable a closed-loop process for medication tracking and management.
• Secure transportation mode for medication from the ADC to the point-of-care, creating a critical layer of accountability.
• Versatility allows it to double as a workstation which nurses can use for incorporating other clinical applications.
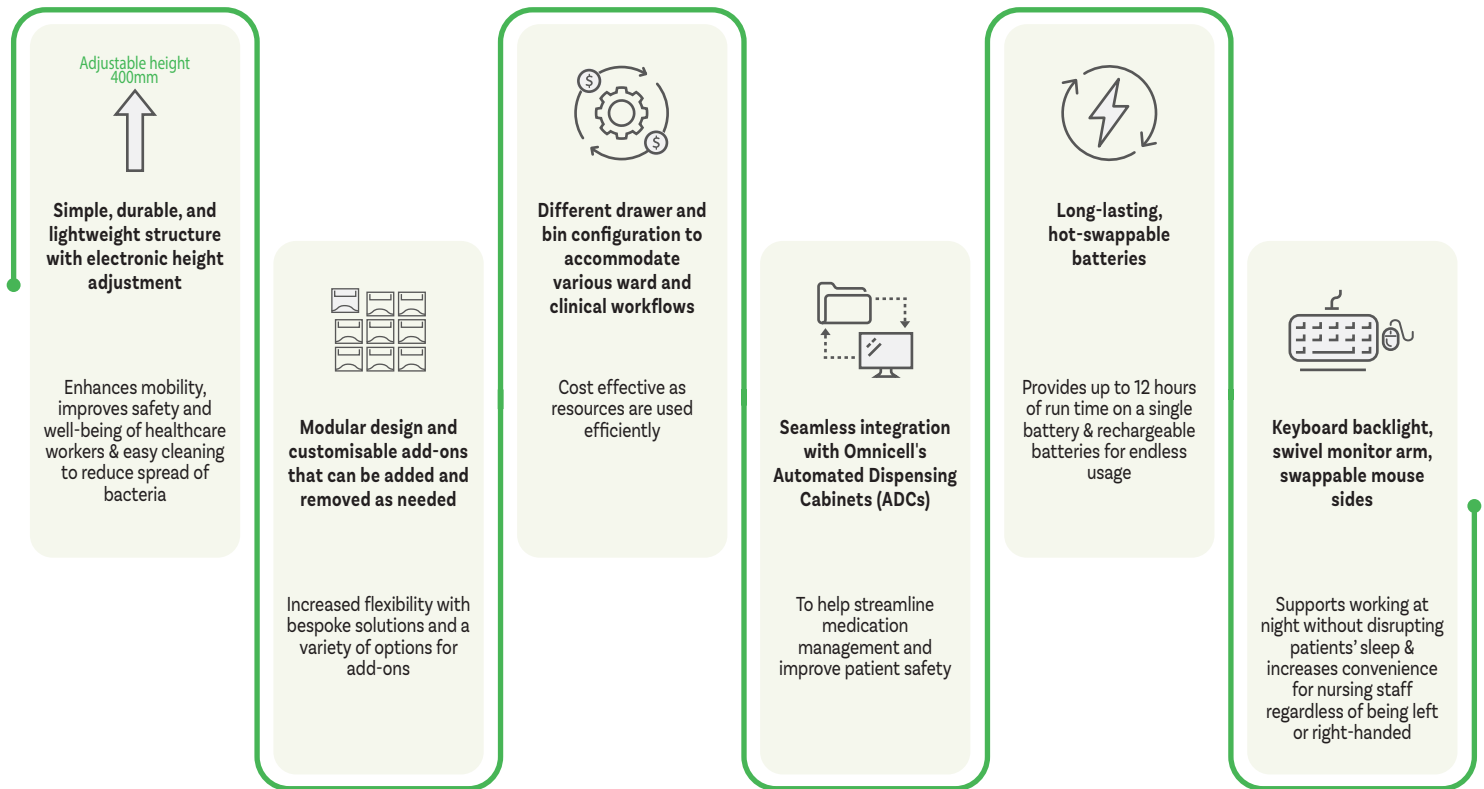
Improve Patient Care and Nurse Satisfaction
• Capable of assigning separate or individual locking drawers for patients thus minimising trips to the ADC.
• Enables quick retrieval of scheduled and as-needed medication.
• Remote access allows nurses to review medication orders and manage medication requests.
• Proven results: 77% of nurses were able to double-check medications due to time savings.

Workflow for Greater Efficiency
• "My Patients" feature facilitates faster order processing.
• Reduces time spent at the ADC.
• Proven results: saved at least 15min per nurse during the morning med pass; medication removal time at ADC decreased 33%.

Features

Simple, durable, and lightweight structure with electronic height adjustment

Adjustable height 400mm

Enhances mobility, improves safety and well-being of healthcare workers & easy cleaning to reduce spread of bacteria

Modular design and customisable add-ons that can be added and removed as needed

Increased flexibility with bespoke solutions and a variety of options for add-ons

Different drawer and bin configuration to accommodate various ward and clinical workflows

Cost effective as resources are used efficiently

Seamless integration with Omnicell's Automated Dispensing Cabinets (ADCs)

To help streamline medication management and improve patient safety

Long-lasting, hot-swappable batteries

Provides up to 12 hours of run time on a single battery & rechargeable batteries for endless usage

Keyboard backlight, swivel monitor arm, swappable mouse sides

Supports working at night without disrupting patients' sleep & increases convenience for nursing staff regardless of being left or right-handed

Smart Drawer for Patient Safety

• Eliminates the manual process of labelling drawers: Up to 16 patient-specific drawers can be assigned.

• Independent locking drawers minimize the risk of administering the wrong medication to a patient.

• Guided lights assist to identify the drawer to be opened.

• Flexibility to configure workstation with storage drawers or bins.

• Visual and sound alerts for drawer close reminders.

• Manual unlocking access in emergencies.

Specifications

Monitor

Dimensions	1920 x 1080
Type	IPS with LED back-light
Size	19"

Computer

Processor	Intel Core i7-9700
Operating System	Windows 10 Pro (64-bit)
Memory	8GB
Data Storage	500GB HDD
Video	Intel (R)HD Graphics
Ports	USB - 4 x 3.1 Gen, 2x 2.0Gen, 1 DP, 1 HDMI, 1RJ-45, 1 Video port, 1 Universal audio jack, 1 Optional Serial Port, 1 Line-out
Networking	Wireless-ac 9560, Wi-Fi (dual-band) + Bluetooth 5
Dimensions	18.2cm x 3.6cm x 17.8cm (1.18kg)
Bays	1 internal - 1.5" HDD
Expansion Slots	1M.2 for storage (22x80mm / 22x30mm) & 1M.2 for wireless (22x30mm)
Power Supply	65 external PSU (for 35W CPU)

Power System

Input	230V ~50 Hz, 2.7 A
Battery Type	Rechargeable li-ion batteries
Status Indicator	LED indicators on the Cart

Battery

Recharge Time	4.5 hours
Run Time	Up to 12 hours
Input Voltage	230V/50Hz
Approvals	IEC

General

Base Dimensions	428.85 mm x 78.25 mm x 384.42 mm
Work Space Area	516 mm x 406 mm
Adjustable Height Range	400 mm
Max Load On Work Space	7.5 Kg
Construction	Plastic injection
Wheels	4 low noise caters, front 2 wheels with brake & lock
Approvals	IEC, RoHS
Drawers	Up to 16 drawers(4X4) or 12 drawers with 1 wider drawer at the bottom
Drawer Size (inside)	85.09 mm X 74.93 mm X 295.91 mm

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