



Case Study:

University Hospitals of Morecambe Bay NHS Foundation Trust

Medical carts tailored to EPMA workflows





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OmniCart Solo Pro



OmniCart Duo Pro



OmniCart EPMA Cart

Background

Dalen Healthcare were approached by University Hospitals of Morecambe Bay NHS Foundation Trust to propose healthcare cart solutions for an upcoming Lorenzo EPMA rollout project.

Following an initial consultation, Dalen Healthcare were able to understand the Trust's concerns and start to formulate ideas on how to support the rollout.

Dalen visited the Trust to discuss the proposed solution and refine key details until an agreed specification could be reached.

The Brief

The Trust's primary objective was to source carts with ergonomic and mobile working at the forefront of their design to help improve staff well-being, whilst also providing an effective base for electronic prescribing.

Around 70 carts were required for use on wards across the Trust. Each cart also needed to incorporate accessories such as a sharps bin and a docking bracket.

Key Project Criteria:

- Improve staff well-being through a height adjustable solution, reducing lost time to back complaints
- Effectively integrate a PC and on-board battery to facilitate the use of the new Lorenzo EPMA system
- Improve efficiency and reduce errors while carrying out core activities
- Provide a large lockable storage space to secure medicines & samples



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Our Solution

Dalen Healthcare proposed two customised solutions to fit the specifications based on the OmniCart Pro range. The OmniCart Pro can be configured for EPMA with a series of features and accessories:

1 Integrated PC & On-board Battery

Each unit features secure storage for a Dell Optiplex 3050 Micro PC and an on-board Lithium Iron Phosphate battery, resulting in an 'all-in-one' fully integrated healthcare cart solution.



- 8-12 hours battery life
- LiFePO4
- Charge display on worktop

2 Electrically Height Adjustable

The OmniCart features a fully electrically height adjustable worktop and an independently height adjustable screen allowing each user to adjust to a comfortable working height.

3 Lockable Storage Space

The Trust required a large lockable storage space for medicine and samples to secure the stock whilst the cart was not in use.

4 Anti-Bacterial Cleanable Surfaces

Each cart was specified with Anti-Bacterial paint, worktop and drawers as standard to reduce risk of infection.

5 Range of Accessories

The cart featured a range of accessories specific to the users needs:



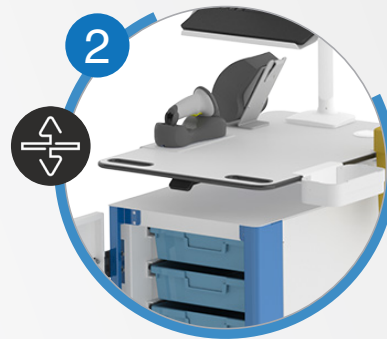
Hook on door pockets



Sharps bin mount



Security cable bracket



Handles for easy maneuverability

Bottle storage

High quality lockable castors for improved mobility and ease of use

Secure screen mount
(w/ swivel & tilt) for Dell P2317H

Charge display

270° opening doors





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What we supplied ►



OmniCart
Solo Pro



OmniCart
Duo Pro

Engaging with the Trust at an early stage helped Dalen understand the specific needs of each ward and create a tailored solution based on their requirements.

Frequent collaboration between the stake holder and Dalen Healthcare's in-house design department ensured that our products were 'fit-for-purpose' and fulfilled the nurses' expectations.

An initial prototype was provided for stake holder demonstrations and end user evaluation and changes were made based on feedback to reach a final design.

The Result

Since the installation, the versatile OmniCart solutions are being used throughout the Trust, supporting the use of the Lorenzo EPMA system at the patient's bedside.

The new carts have facilitated the seamless integration of digitised systems into the Trust's daily working practices.

The cart's mobility and practicality enables staff to spend more time at the patients side putting care first, while improving efficiency and accuracy.

As a British manufacturer, Dalen Healthcare pride themselves on their quality and ability to respond to their customer's needs.

This project with University Hospitals of Morecambe Bay NHS Foundation Trust is a prime example of the tailored solutions that Dalen can provide.

Looking for a similar solution?

Please get in touch with us today to discuss your healthcare cart requirements.



Dalen Healthcare is a brand of Dalen Limited

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