

Case Study

INNOVATIVE MOBILE CHART RACK INCREASES EFFICIENCY

WITH SECURE AND
DURABLE STORAGE

SUMMARY

A prestigious Medical Center located in New York City needed a custom, cost-effective method to store medical charts while maximizing under counter areas to safely and securely park the charts when not in use. The Medical Center also wanted to increase staff efficiency by providing easy access that could be fully secured to meet HIPAA and other regulatory agency requirements, while also be aesthetically pleasing to the other Medical Center furnishings.

NEED

Secure and safe storage that was placed under counters to provide maximum storage in under-utilized space with easy and secure access for staff.

CLIENT:
PRESTIGIOUS
MEDICAL CENTER

SOLUTION:
Custom Mov-it Chart Rack

LOCATION:
NEW YORK CITY

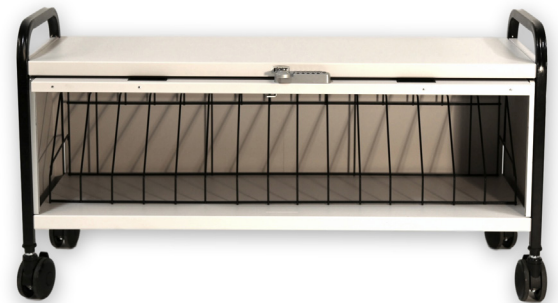
DESIGN:
Custom



PROCESS

Working with Medical Center staff, First Healthcare Products design engineers determined the precise size and other specific requirements to create a storage unit to meet these unique needs. The chart racks needed to be mobile, be easily stored under counters and also have the ability to store multiple charts that could be accessed with proper authentication. The chart racks required durability and the Medical Center wanted the racks to have an antimicrobial coating to reduce infection possibility and support infection control and cleaning protocols.

First Healthcare Products designed and built custom mobile chart racks with touchpad locks to meet these design specifications. Once the prototype was approved, multiple chart racks were delivered.



OUTCOME

The cost effective and fully functional mobile carts have been implemented through the facility resulting in **increased staff efficiency, improved workspace ergonomics and decreased clutter.**

REQUIREMENTS

- Meet counter measurements to maximize storage capability
- Include optional Key Pad Lock for security
- External covering with antimicrobial paint
- Durable parts that will stand up to 24/7 access
- Aesthetic & pricing requirements

SOLUTIONS INTEGRATED

- **Security - key pad lock** to meet HIPAA and other regulatory requirements
- **Purposive Design** - specifically engineered to save space
- **Durability** - steel manufactured in the US to withstand constant usage
- **Aesthetic** - design for easy access of charts that integrates with room design