

Case Study

THEY ASKED FOR A NEW ED TABLET MOUNT SOLUTION

WE DELIVERED IT,
STAT.

SUMMARY

The Innovation Department Staff at Northwestern Medicine had a momentous task at hand—they needed to create a new type of tablet registration cart for their Emergency Department. The department had unique tablet deployment needs, but did not have any existing solutions that could accommodate these needs. They required a remedy, one that could not only assist in registration and documentation but be small, mobile and long lasting.

First Healthcare Products worked with hospital staff and clinicians to define and understand all of the department's unique needs and overall workflow in an effort to improve patient engagement.

The exchange of expert product and workflow knowledge resulted in a custom solution that met all functional requirements and helped clinicians deliver care to patients more efficiently and at a lower cost.

CLIENT:
NORTHWESTERN
MEDICINE

LOCATION:
Chicago, IL

SOLUTION:
Tablet Registration Cart

DESIGN: Custom



CHALLENGES

The cart was designed with a Grab n' Go keyless twist lock flex mount allowing staff to take the tablet in hand and talk face to face with patients. The 15" x 15" documentation surface saved valuable space and the powerful battery provided 3 days of run time without needing to be plugged in.

Our consultants worked with the facility's Director of Innovation and staff to understand all of their unique requirements. Product designs were developed, feedback was incorporated, and a custom solution was created. It was then tested in the field and modified per request.

OUTCOME

iPad Carts were deployed within the Hospital's Emergency Department. The solution worked with the department's existing technology and was able to save space, downtime and costs.



REQUIREMENTS

- Mounting solution for iPad that is magnet-based, can be twisted on/off, and free from keys and tethering
- Battery that can hold a charge through multiple shifts
- Cable management system that is both extremely clean and efficient
- Cart that is lightweight with a small overall footprint
- Adjustment options that provide ergonomic sit-to-stand heights as well as portrait-to-landscape view
- Can accommodate future iPad/ device versions
- Antimicrobial to meet infection prevention protocols

SOLUTIONS INTEGRATED

- **Grab n' Go Twist lock magnet** - allows the keyless release of the tablet for clinicians
- **MedXP 300 battery** - can last 3 days without having to charge
- **Cable management system - tidy;** includes built-in access opening
- **Lightweight design** - minimal space requirement, easy to maneuver
- **Sit to Stand Adjustable** - Easy-lift height adjustment handle/fully rotative tablet mount
- **Adaptable** - future proof magnetic plate can accommodate any device
- **First Antimicrobial technology** - applied on different areas of cart