

## Leading Healthcare System and Medical Carts

Electronic Health Records (EHR), mandated and incented by government rules, play an increasing role in the dynamic environment of the Healthcare industry. While the industry is at the forefront of technology utilization, resource constraints often impede timely and effective implementation. In the search for ways to meet EHR requirements and increase efficiency, hospitals have found value in the use of Medical Carts to help capture and process information as close to the staff-patient interaction as possible. When this large Healthcare System was in need of a Medical Cart solution, they looked to Vicom for help to effectively procure, configure, and implement the appropriate solution.

### Challenge

The Healthcare System had made a strategic decision to proceed with a Medical Cart solution to quickly capture and process information while integrating with existing patient care technology systems. The decision was made to utilize Enovate Medical Carts to be implemented throughout the Healthcare System. But challenges needed to be addressed in the procurement of the carts, configuration and imaging to the specific needs of each department, and delivery on an as-needed basis. The carts require a large amount of warehouse space which the Healthcare System did not have.

### Implications

The Healthcare System needed to adopt widespread use of Medical Carts to capture and process medical information, to ensure accuracy and reduce errors in delivering healthcare services. The use is being driven by the need to implement EHRs and to meet the U. S. Government’s objectives of Meaningful Use Criteria for Stage 1 (Data Capture and Sharing), Stage 2 (Advance Clinical Processes) and ultimately, Stage 3 (Improved Outcomes).

### Solution

After the Healthcare System decided to standardize on Enovate Medical Carts, Vicom worked to help create a structured process for procurement of the carts,

software imaging, hardware configuration, warehousing, and delivery. Vicom worked very closely with the Healthcare System to monitor cart requirements and ensure the proper amount of inventory to meet needs. Vicom’s team of technical experts preconfigured the systems’ hardware and software in Vicom’s Technology & Configuration Center to ensure that the carts would arrive at the Hospital having been integrated, tested, burned in and immediately ready to utilize. Since the Healthcare System has no inventory capabilities, specific and customized delivery schedules were arranged to ensure just-in-time delivery and immediate availability within the Hospital.

### Benefits

The Medical Cart solution provided the Healthcare System with a solution to gather and process patient information (EHR) as efficiently and quickly as possible. These cart solutions have helped to reduce errors by processing information as close to the patient experience as possible. This has allowed the firm to meet their goals for the Meaningful Use Criteria—as defined by the US Government—for Stage 1 (Data Capture and Sharing) and Stage 2 (Advance Clinical Processes), and to position themselves to meet the 3<sup>rd</sup> Stage (Improved Outcomes) in 2016.



### About

- Leading Healthcare System in New York
- Progressive adopter and user of technology to provide quality healthcare
- Implementing EHR’s to meet Stages 1,2, and 3 of US Government Meaningful Use Criteria
- Has a need to improve efficiency of delivery of healthcare services

### Solution Highlights

- Structured procurement process of Medical Carts
- Inventory management to ensure appropriate stocking levels to meet needs
- Software imaging and hardware configuration at Vicom’s Technology & Configuration Center
- Warehousing of carts until needed by Healthcare System
- Just in time delivery of Medical Carts as needed for use by Nurses and Doctors