Hospital Point of Use Supply Solution

Customer—Global technology consultancy and integrator

Use Case—Create a point of use supply and patient charging system for hospitals that enables clinicians to stay focused on their patients while finding and requisitioning needed supplies, reducing costs across the supply chain, and track their patient use.

Requirements—Provide real time access to supplies inventory availability and requisitioning, ensuring availability of supplies at point of use, and charging them to the patient as used.

Goals include significant reductions in supplies inventory, reducing staff time, and improving charge capture.

Solution—A complex integrated system based on the DFI Technologies KS-430 All-in-One PC configured with:

- 15" TFT, 1024x768, 250nits Display
- 5-Wire Resistive Touch Screen to provide an easy to use interface for accessing inventory. Resistive touch allows for use with a gloved hand or stylus
- Intel® Atom™ N2800 Processor
- 4GB, DDR3 RAM
- 250GB HDD
- Windows XP Pro Embedded
- Mounted keyboard to expedite data entry
- Wall mounted swivel arm for enhanced ergonomics while the system is in use

The end client system includes:

- **Integrated Radio Frequency Identification (RFID) technology** to help manage high cost supply items in specialty areas like cardiology and surgery

- Expanded tracking for lot, serial and expiration date advances barcode support of both GS1-128 and HIBC codes and improved recall management

- **Integration with cardiology and surgery solutions** McKesson Cardiology Inventory™ and the McKesson Surgical Manager™ Point-of-Use Integration Module streamline clinician workflow with a single scan to manage high-cost supply items

- **Technology updates** including support of current versions of Windows®, Windows® Server, and Microsoft® SQL (including Windows Server 2008, SQL Server 2008 and Windows 7 for Workstations) and a full web based deployment

- Allows **indefinite online storage** of historical, transactional data to facilitate reporting and analysis

- **Improved interface** engine (interface database now resides on the main transactional SQL Server eliminating the 2nd SQL server license)