Recommended Minimum System Specifications
Hosted

Description	Brand	Model	Quantity
VPN Router[1] Requires IP Addresses for remote network communications with the following addresses: 172.31.1.0/24 private subnet block *NOTE* NAT will be required if there is a conflict. Port Assignments are as follows: Port 80 – http (outbound) Port 3389 – rdp (inbound and outbound) Port 9100-9102 – HP JetDirect (Printers – inbound and outbound) Port 515 – lpd (Printers – inbound and outbound) Port 17### - Interface (outbound on .44, .48, or .63) NOTE: Requires completion of VST VPN Survey.	Cisco	ASA Class	1
Workstation, Lap Top, or Tablet, PC[2] • Intel Core i5 processor or higher • 3 GB RAM or higher • 40 GB SATA HD • Video card capable of at least 1280x768 screen resolution • 17" SVGA Color Monitor • Wireless Capability (optional on Workstation) • Windows 7 Professional Operating System • 10/100/1000 Ethernet • Terminal Service Client Access License, Browser (IE 6.0 or higher) • MDAC (version 2.8 or higher)	Standard	Facility Standard	As Required
VST Room Service Display Components[3] (for use with the VST Room Service Display Module only) • LCD Touch-Screen Monitor – 19"	Standard	Facility Standard	As Required
Laser Printer with PCL 5/6[4]	HP	4000 Series Or Better	As Required
Impact Printer[5]	Epson	LQ-590	As Required
Receipt Printer[6] (For use with Patient Room Service and Room Service Display Modules only) • with Connect IT Ethernet Interface	Epson	TM-T88V M129H	1 to 4
PDA (for use with VST Patient Bedside Menu Selection System), **PDA Accessories Required** • ActiveSync Required (current version) • Docking Station • Power and connection cables • Spare Battery • Tethered Stylus 3 pkt - 11-43912-03R	HP iPAQ Microsoft	HP IPAQ 200 Series Ver. 4.5	As Required As Required As Required As Required As Required As Required

Bar Code Scanner (For use with VST Inventory Control Assistant) **PDA Accessories Required** • ActiveSync Required (current version) • MC55 Starter Kit • Spare Battery • Tethered Stylus 3 pkt - 11-43912-03R	Motorola Microsoft Motorola Motorola Motorola	MC55 Ver. 4.5	As Required 1 As Required As Required As Required As Required
Wireless Wearable Terminal w/ Ring Scanner [7] (For use with VST Tray Tracking System) PDA Ring Scanner : Single Slot Cradle w/ Built in Recharger Slot: Wrist Mount: Rechargeable Battery - Standard: Tethered Stylus 3-Pack: ## Optional WT4090 Accessories Rechargeable Battery – Extended Life If getting multiple devices, recommend the 4-Slot Charging Station: If getting multiple batteries, recommend the 4-Slot Power Station: If there is a concern about skin irritation: Protective Sleeve: If worried about the screen: Protective Skin: Replacement Wrist Straps – Small: Replacement Wrist Straps – Regular: Replacement Wrist Straps – Large: Label Holder[8] (www.tedthorsen.com) or other brand.	Motorola WT4090-T2S1GER RS409-SR2000ZZR CRD4000-110UR SG-WT4023020-03F BTRY-WT40IAB0E Stylus-00003-03R BTRY-WT40IAB0H SAC4000-410CES SAC4000-410CR SG-WT4027050-01R SG-WT4024000-01R SG-WT4023221-01R SG-WT4023221-02R AG-SS-32		As Required As Required Per PDA As Required Per PDA Optional Per PDA As Required As Required As Required As Required As Required As Required As Required As Required As Required

NOTES:

1 Client will be responsible to configure NAT'ing to resolve local conflicts that do not match VST IP Addressing.

2 Workstation, Lap Top, and Tablet PC hardware specifications are stated at what is deemed to be the current computing industry minimum standard for new PCs. However, it may be possible to use existing hardware with less capacity.

3 For the VST Room Service Display System, the facility is responsible for acquisition of the display monitors which must be installed on the same subnet. The facility will be responsible to provide all "network drops" for all devices to support this module.

4 All printers utilized by VST must be available from the network via static IP address utilizing either an internal HP Jet Direct card or an external HP Jet Direct print server connected to all printers printing VST output. Printers to be specified at the time of purchase. Laser Printers are utilized for standard reports, menus, tray cards and BTS processes.

5 Character (Impact) printers are recommended for 1-Up label processing and interface messaging.

6 Thermal printers are utilized for room service processes. Typically, three or four receipt printers are used based on the method of operation. If the VST Room Service Display Module in use, one receipt printer is required at a minimum.

7 All devices are connected to the facility's WLAN.

8 Label Holders are intended for permanent placement/display of Bar Code Tags on Delivery Carts, Checkpoints, and Nursing Stations.

UPS systems are the responsibility of the facility.

Equipment configuration and pricing is subject to change at any time based on industry developments and/or if the hospital does not meet the current configuration specifications. Use of equipment or configurations not specified in this Exhibit may encounter service interruptions, outages and delays in system access and transaction speeds. Non-compliant equipment and configurations will negate various sections of the VST Service Level Agreement.