



*Recommended Minimum System Specifications*  
*Hosted*

<b>Description</b>	<b>Brand</b>	<b>Model</b>	<b>Quantity</b>
<b>VPN Router</b> Requires IP Addresses for remote network will be provided at time of installation:  Port Assignments are as follows: Port 80 – http (outbound) Port 3389 – rdp (inbound and outbound) Port 9100-9102 – hp jetdirect (Printers - inbound) Port 515 – lpd (Printers - Inbound) Port 17### - Interface (outbound on .44 and .48)	Cisco	ASA Class	1
<b>Workstation PC<sup>1</sup></b> , Pentium 4 processor or higher, 1 GB RAM, 40 GB HD, 17" SVGA Color Monitor, Windows XP SP3 Operating System, MS Windows 2003 Terminal Service Client Access License, Browser (Internet Explorer 6.0), MDAC (version 2.8 or higher)	Standard		As Required
<b>Tablet PC</b> Core Duo processor SU9300, 1.2 GHz or higher, 2048 MB SDRAM, 160 GB HD, 10/100 Ethernet, Windows XP Tablet Operating System, MS Windows 2003 Terminal Service Client Access License, Browser (Internet Explorer 6.0), MDAC (version 2.8 or higher)	Panasonic	Part #: CF-19k	As Required
<b>Touch Screen Monitors - Optional</b> (For use with the VST Room Service Module)	elo Touch	1915L	As Required
<b>VST Room Service Display Components<sup>3</sup></b> (for use with the VST Room Service Display Module only) <ul style="list-style-type: none"> <li>• LCD Monitor – 19"</li> <li>• Ethernet Switch – 100 mb (5 connections minimum)</li> <li>• Connect Smart PC (see Workstation Spec above)</li> <li>• Display Controllers</li> <li>• Bump Bars</li> </ul>	Standard Standard Standard By VST By VST	VST VST	3 1 1 3 3
<b>Laser Printer</b> (Most printers which have PCL5 and Post Script drivers) <sup>4</sup>	HP		As Required
<b>Impact Printer<sup>5</sup></b> (Most printers which emulate Epson impact printers)	Epson	LQ-590	As Required
<b>Receipt Printer</b> – Epson with Connect IT Ethernet Interface <sup>6</sup> (For use with Patient Room Service and Room Service Display Modules only)	Epson	TM-T88IV M129H	3
<b>PDA</b> (For use with VST Patient Bedside Menu Selection System, consideration for a docking station, extended battery and backup batteries are recommended)	HP iPAQ	HP IPAQ 200 Series	As Required
<b>PDA Accessories</b> <ul style="list-style-type: none"> <li>• <a href="#">ActiveSync Required (current version)</a></li> </ul>	Microsoft	Ver. 4.5	1
<b>Bar Code Scanner</b> (For use with VST Inventory Control Assistant)	Motorola	MC55	As Required
<b>PDA Accessories Required</b> <ul style="list-style-type: none"> <li>• <a href="#">MC55 Starter Kit</a></li> <li>• <a href="#">Spare Battery</a></li> <li>• <a href="#">Tethered Stylus 3 pkt - 11-43912-03R</a></li> <li>• <a href="#">ActiveSync Required (current version)</a></li> </ul>	Motorola Motorola Motorola MS	Ver. 4.5	As Required As Required As Required 1

Wearable Terminal w/ Ring Scanner <sup>7</sup> (For use with VST Tray Tracking System)	Motorola	WT 4000	As Required
-------------------------------------------------------------------------------------------	----------	---------	-------------

NOTES:

<sup>1</sup> Workstation hardware specifications are stated at what is deemed to be the current computing industry minimum standard for new desktop workstation PCs. However, it may be possible to use existing hardware with less capacity.

<sup>2</sup> Touch screen monitors can be used as an option in place of standard mouse-cursor devices.

<sup>3</sup> For the VST Room Service Display System, the facility is responsible for acquisition of the display monitors, Ethernet switch, connect smart PC and cable drops for connectivity to the facility LAN and power source. All controllers, thermal printers and "Connect Smart PC" must be on the same subnet. Full access and administrative rights must be made available to the "Connect Smart PC" via Terminal Services to VST. If additional monitors, display controllers, printers are required, additional switch connections must be provided by the facility. The facility will be responsible to provide all "network drops" for all devices to support this module.

<sup>4</sup> All printers utilized by VST must be available from the network via a 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. Network capability is required via facility LAN.

<sup>5</sup> Impact printers are recommended for 1-Up label processing and interface messages. Network capability is required via facility LAN.

<sup>6</sup> Thermal printers are utilized for room service processes. Network capability is required via a facility LAN. Typically, three or four receipt printers are used based on the method of operation. If the VST Room Service Display Module in use, only 1 receipt printer is required.

<sup>7</sup> This device is intended for use in the tray assembly area. It is recommended for use by transport/delivery personnel for improved ergonomics. All devices (workstations and printers) are typically connected to the facility's network, then to the hosted server via site-to-site VPN.

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.