

System Specifications for Keane NetSolutions

Keane NetSolutions®, Keane Care's browser-based system, runs on the Microsoft .NET platform. It can be self-hosted or hosted by Keane's eHost Services.

Server Hardware

Server hardware requirements depend on the size and number of facilities, number of concurrent users, and modules purchased. Organizations with a large number of sites may require multiple separate application and database servers. A basic system starts with:

- Processor: QUAD Core Xeon (3GHz) processor
- 4 Gigabytes RAM
- 80 Gigabytes available disk space
- RAID I configuration
- Virtualization is supported using VMWare or Hyper-V

Broadband Connection

A broadband connection is required for Keane Care to support Keane NetSolutions. Dial-up connectivity is not supported. There are two broadband options:

1. Remote Desktop, giving Keane Care access through your firewall (free)
2. Remote Desktop or PCAnywhere via Keane Care approved VPN (Cisco, Microsoft, others)

Network

- 50kb/sec bandwidth per concurrent user

SQL Server Licensing Options

- Per Processor: unlimited users and unlimited devices.
- Per Server Plus Device: for each device attached to SQL Server and for each server on which software is installed.
- Per Server Plus User Client Access Licenses (CALs): for each user accessing the server and a separate license for each server on which software is installed.
- For more information on SQL Server licenses, visit the Microsoft Website: www.microsoft.com/sqlserver/2005/en/us/

Server Software Requirements

- Windows Server 2003, 2008 Standard or Enterprise Edition, 32- or 64-bit
- Internet Information Server (IIS)
- .NET Framework 2.0, 3.5
- SQL Server 2005/2008 Standard or Enterprise, 32- or 64-bit (SQL Server 2008 is required for Keane NetSolutions browser-based GL and AP)

Workstation Hardware and Software

- Pentium Compatible PC, Notebook, Tablet
- 1GB minimum RAM
- Operating Systems:
 - XP Professional
 - Vista Business 32/64 bit
 - Windows 7 Professional (32/64 bit)
- Internet Explorer version 8 or 9
- Minimum monitor display of 1024 x 768
- PDF Reader Version 8 or 9 on PCs generating MDS 3.0 reports. Free download at <http://get.adobe.com/reader/>

Printer Requirements

To print on CMS' pre-printed UB-04 forms, an edge-to-edge capable laser printer is required. Ask your printer vendor to verify if your printer can print to within 1/8th inch of the top, left and right of the page as required by the form.

CareTracker and Therapute Interface

To import data to Keane NetSolutions from third parties (except for data written directly to the MDS) the KNS Exchange Web service must be installed including an SSL certificate, preferably on a machine separate from the main KNS server. It is required to import vitals from CareTracker and notes from Therapute.

see reverse for Electronic Medication Management specifications

Electronic Medication Management System Specifications

The following specifications support the Keane NetSolutions electronic medication management, specifically:

- eCharting and implementing a paperless, point-of-care eMAR/eTAR
- ePrescribing and using auto-faxing

Wireless Network

- 802.11g/n (54mbs) or better
- Enterprise-level wireless connectivity suitable for point-of-care computing

Data Entry Devices

- Device Choices
 1. Standard laptop
 2. Integrated thin-client laptop or device, XP embedded with Internet Explorer, for example Wyse with 1 GB Flash and 512 MB RAM minimum
 - External/Integrated LCD Monitor
 - Waterproof Keyboard (wired or wireless)
 - Mouse or other pointing device (wired or wireless)
 3. All-in-one Computer Med Cart
 4. Mobile Computer Workstation
- Device Options
 1. Barcode Scanner (example: Wasp WLS9500 Laser Barcode Scanner)
 2. Waterproof or Sealed Keyboard
 3. Sealed Mouse
- System Requirements
 1. Operating System
 - Windows XP (32/64-bit)
 - Windows Vista Business (32/64-bit)
 - Windows 7 Professional
 - XPe
 2. Microsoft .NET 2.0 Framework
 3. 17"+ monitor, 1024 x 768 or better resolution

Medication Cart Options

1. Retrofit existing carts:
 - a. Mounting hardware for laptop component devices
 - b. Laptop rests directly on the cart top (not recommended)
2. Purchase new all-in-one computer med cart (example: Artromick, Rubbermaid)

Power Options for Medication Carts

Laptop and Integrated Thin Client devices have internal batteries and can be charged from any A/C power source. Power should be augmented with external battery pack mounted on the cart (example: Valence VNC-130).

- Component thin-client devices require external A/C power sources. An external battery pack may be mounted on the cart with an integrated A/C power connection.
- All-in-one carts will contain built-in large- capacity battery and power solutions

ePrescribing: Autofax Requirements

Autofaxing with KNS ePrescribing requires either:

- Esker Fax Workgroup Server 5.0 software and a fax board that meets Esker specifications
- Windows Fax Server - included with Windows Server 2003/2008. This option is suitable for lower-volume use and requires a dedicated fax modem. View a list of these modems at:

www.windowsservercatalog.com/results.aspx?&bCatlID=1459&cpID=0&ocID=17&OR=1