PointClickCare®

Hardware, Software, and Browser Requirements

PointClickCare electronic Medication Administration Record (eMAR) is a full medication and treatment administration system that is securely accessed over the internet for real- time accuracy and dependability, with the option to integrate with your Pharmacy where available.

Minimum Hardware Specifications

Touch-screen or Laptop

- **Use:** Primary eMAR device
- **Screen Size:** 12-15"
- **Screen Resolution:** 1024 x 768 (minimum)
- **RAM:** 1GB
- **Wireless:** 11g compatibility
- **Battery Life:** 4 hour run-time
- **Hard Drive:** Not Required
- **Browser:** Internet Explorer 9,10,11, Chrome (Most Current Version)
- **Login URL:** https://login.pointclickcare.com/emar/userLogin.xhtml
- **Hardware Mounts:** Adjustable
- **Disinfection:** Ability to appropriately disinfect according to client requirement

Back-Up Laptop

- **Use:** Backup eMAR device
- **Wireless:** 11g compatibility
- **USB Ports:** 2
- **Battery Life:** 4 hour run-time (connected to UPS for battery and Surge Protection)
- **Browser:** Internet Explorer 9,10,11, Chrome (Most Current Version)
- **Login URL:** https://login.pointclickcare.com/emar/userLogin.xhtml
- **Disinfection:** Ability to appropriately disinfect according to client requirement
- **Printer:** Non-Inkjet recommended

Wireless Internet Connectivity

- **Use:** Wireless connectivity to eMAR hardware
- **Connectivity:** High-speed access (1.5 Mbps Download, 500 Kbps Upload)

The PointClickCare eMAR solution requires both software and hardware. PointClickCare has tested the above hardware configurations, but does not supply hardware solutions. Please contact PointClickCare for a list of recommended hardware partners.

Additional Optional Hardware

Additional hardware may be required in certain authentication or medication scanning scenarios.

Swipe Card Reader
- **Use:** User Authentication
- **USB Ports:** 1
- **Compatibility**: One-Track or Multi-Track as required

Bar Code Scanner
- **Use:** Scanning Resident ID bracelet and/or Medications
- **USB Ports:** 1
- **Compatibility:** Must be checked with pharmacy supplier for programming and 1D/2D reading requirements

Barcode Scanners

Barcode scanners are required for the PointClickCare eMAR Pharmacy Integration receiving process. It is critical that your scanner be able to read the type of bar code produced by the pharmacy (e.g. 1D vs. 2D bar codes, UPC, etc.).

Note: 1D barcode types appear to be the most common (a series of multiple, straight, vertical lines) whereas 2D barcode type are represented in a pattern of squares or pixels.
The barcode symbology will also come into play - these are the rules on how the "vertical lines" for 1D or pixels for 2D barcodes will get translated into readable codes
- Examples of 1D Symbology (Code 128, Code 93, GTIN-12, EAN-13)
- Examples of 2D Symbology (QRCode, AzTec)

Items to consider when choosing a scanner:

- **Single Line or Multi Line Scanner**

    Selecting between a single line or a multi-line scanner depends on the price point as compared to the ease of scanning. A single line scanner can only scan a barcode if the scanner is perpendicular to the barcode line, whereas the multi-line scanner can read a barcode from multiple angles.

- **The use of a stand**

    This facilitates the scanning process by enabling the user to present the barcode under the scanner, rather than having to pick up the scanner, then read the barcode.

- **USB Scanners are preferred**

- **Wired or Wireless Scanners**

  Wired Scanners are the preferred option, since they avoid the charging issues that could come with Wireless Scanners.

- **Look for a scanner that supports the addition of a carriage return character after scanner has read the barcode.** This is usually done through a software program that comes with the scanner. Please be sure to read the instructions that come with the scanner and calibrate as needed.

- **Consider Medical Grade Barcode Scanners**

  Medical Grade Barcode Scanners provide features such as withstanding constant disinfection. They also have special wavelengths, making them easier on the eyes.

Examples of bar code scanners that PointClickCare Customers have used successfully:

1D Scanner
- Zebra – LS 2208
  More information available on the device here
- Datalogic QuickScan I QD2131 (1D Barcode Scanner)
  More information available on the device here

1D / 2D Scanner
- Honeywell 1450G (1D/2D Barcode Scanner)
  More information available on the device here

1D / 2D Scanner – Medical Grade
- DS4308-HC Healthcare Scanner (a Medical Grade Barcode Scanner)
  More information available on the device here

Disclaimer

The examples of scanners listed above represent items that PointClickCare has not tested internally. We have confirmation from a number of PointClickCare customers that each of these scanners works reliably. However, given the nature of web applications, and the fact that we cannot control the configuration of the scanning hardware or your computer systems, we cannot guarantee that the scanners you choose will work appropriately. We will do our best to help you troubleshoot if you have problems configuring your scanners to work with PointClickCare's software; however, it is ultimately up to you to configure them properly and to reach out to the manufacturer if you have problems which neither you nor we can address.

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