

Matrix Workstation Configuration – eMAR Addendum

Wireless Network

MDI Achieve recommends hiring a professional wireless company to evaluate your organization's needs and install your wireless network. After the installation is complete, your technical resources should test Internet connectivity in all of the locations where Matrix eMAR will be used.

Desktop Resolution

Matrix eMAR was specifically designed for 1024 x 768 desktop resolution, but higher resolutions are possible. However, 1024 x 768 desktop resolution is *highly* recommended for touch screen computers, to give a better display of the Matrix eMAR work space and to minimize scrolling

Matrix eMAR User Accounts

Configure eMAR user accounts to display a minimal number of options under the Facility tab in Matrix. If the Facility menu list extends past the eMAR page frame, then the Internet Explorer scroll bar will display – making it necessary to scroll more often, which can be more challenging when using a touch-screen device.

Internet Explorer Optimization for Touch-Screen Users

Minimizing the number of toolbars that are displayed in Internet Explorer, using small icons in Internet Explorer, and using 1024 x 768 desktop resolution will optimize the eMAR experience for all users by minimizing scrolling.

iPADs and Other Non-Windows Devices

Matrix eMAR requires Internet Explorer. However, some mobile devices that are not Windows-based can still be used with eMAR. In order to use Internet Explorer on a non-Windows device, it is necessary to connect to a computer that is running a Microsoft Windows operating system, such as a Microsoft Windows Terminal Server. There several methods available, the most common being RDP and Citrix.

As mentioned in the system requirements document, the configuration of your terminal servers and/or Citrix servers is the responsibility of your internal technical resources.

Also, please keep in mind that the recommended desktop resolution for Matrix eMAR is 1024 x 768, and that some devices are not capable of that resolution.

Matrix eMAR Carts

As with computer hardware, MDI Achieve does not recommend specific carts for use with Matrix eMAR. However, almost any medication cart can be converted into an eMAR cart by simply attaching a standard laptop computer or touch-screen computer. Alternatively, some commercially available medical carts are ideal for Matrix eMAR.

When selecting or designing your eMAR carts, be sure to consider ergonomics and infection control, as well as the method that you will be using to secure the carts and the attached computers.