



iPad EHR and Practice+

Technical Requirements

Equipment Recommendations

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iPad and Practice+ Technical Requirements

Adhering to the following specifications will enable your practice to best utilize our iPad and web-based applications.

General Requirements

Minimum Requirements

The following is to be used as a guideline for all computers in the practice using Nextech iPad and Practice+. Specific recommendations will vary depending on clinical role. Be aware that Internet speed has the most impact on iPad and Practice+ running efficiently. Any operating systems or browsers not listed in this document are **not supported**. Running Practice+ in remote desktop, terminal services, Citrix, or any virtualized environment is not supported. Practice+ is a browser-based application designed to run directly on the client machine.

- **Practice+ minimum RAM:** 8 GB
- **Practice+ minimum *available* hard drive space:** 128 GB
- **Practice+ recommended processor:** Core i5 Gen 3 and above, i7 and i9 or equivalent
- **Supported OS:**
 - **For Practice+ daily use:** 64-bit Windows or MacOs OS operating system under support with latest service packs/updates
 - **For iPad EHR app daily use:** iOS 14+ required (iPad Pro, iPad Mini 4+, iPad Air 2+, iPad gen 5+, iPhone 6s+)
 - **For rare configuration of the iPad EHR:** At least one PC, Laptop, or Tablet running Windows OS under support
- **Adobe Reader:** DC version
- **Practice+ supported browser:** Google Chrome (latest stable version), Edge (latest stable version)
- **Antivirus Software** on all computers with access to Practice+
- **Must be in one of the supported time zones:**
 - US Eastern Time
 - US Central Time
 - US Mountain Time
 - US Pacific Time
 - US Arizona Time
- All devices must have Internet access; see Network Connectivity for bandwidth requirements
 - For redundancy, iPads with cell service are supported (not required)

Administrative Users (Check-in/Check-out/Billing)

- **Desktop or Laptop** meeting the *General Hardware Requirements* stated previously
- **Monitor:** Minimum 17" with highest pixel resolution available, preferably 1920x1080. A second monitor is **highly recommended** for viewing of PM screens, 19" or larger monitor with 1920x1080 pixel resolution. Smaller resolutions may result in scrolling.
- **Printer** located at the Check Out area accessible from any computer on the network for printing prescriptions and patient records
 - Printing from iPad EHR app requires AirPrint-compatible printers
- The following **Optional Equipment** can be used to improve clinic workflow
 - **Web Cam** for patient photos
Examples: Microsoft Life-Cam, creative Live-Cam, Logitech Webcam



- **Document Scanner** for scanning patient documents: configured to save .jpeg, .tiff, or .pdf files on a local folder or network share. (Example: Fujitsu ScanSnap iX1600 or other multiple page scanners)



- **Card Scanner** for scanning patient documents: configured to save .jpeg, .tiff, or .pdf files on a local folder or network share. (Example: Ambir DS687 Duplex A6 ID Card Scanner or another similar double-sided card scanner)



More specific comments may be made per practice and will be outlined after receiving a Site Assessment from the practice for each location.

Network Connectivity

Internet Access

<i># of Users Logged in at the Same Time</i>	<i>Minimum Bandwidth Down/Up *</i>	<i>Better Efficiency Down/Up*</i>
1-10	10/4 MBs	25/10 MBs
10-30	25/10 MBs	50/20 MBs
30-60	50/20 MBs	75/25 MBs
60+	75/25 MBs	150/25 MBs
100+	Fiber Connection	Fiber Connection

*Minimum Bandwidth per Location for just Nextech Software

- Bandwidth needs are increased if other office applications are utilizing network resources (Internet based Practice Manager, Telephone services, Internet Radio, Internet Billing, your practice’s cellphone connected to your WiFi, etc.).
- Redundant internet connections from different ISPs are strongly recommended to reduce time caused by Internet providers. Premium routers with automatic fail-over to backup connections are a must for minimal disruption, e.g., BGP.
- Wired connections will provide a more reliable connection and are strongly recommended for Practice+.

Wireless (Wi-Fi)

- Comprehensive wireless LAN access, tested for signal strength in all areas of the clinic
 - Keep in mind that Wireless will not perform as well as wired connections and that all devices connected to Wireless will consume bandwidth.
- Consult with your local IT/Networking vendor to properly address the installation/placement of access points, security, additional LAN and power outlets and additional new equipment
- Wireless networks using 802.11B, G, or N can be disrupted by radio frequencies in the public domain, including microwaves and 2.4 GHz cordless phones. The presence of these types of devices should be carefully considered when configuring and testing a wireless network. Disabling the 2.4 GHz wireless networks will improve wireless connections.

Telehealth

Telehealth usage has additional requirements above and beyond the normal networking requirements:

- Mac/PC/Chromebook with camera, microphone, and speakers or a modern phone (iOS/Android) or an iPad.
- For a good experience in office, especially with multiple providers, you'll need at least 100/100 MBPS for your Internet connection.
- Google Chrome, Mozilla Firefox, or Safari (latest release versions)
- You'll need to have the latest operating systems such as Windows 10 or MacOS Catalina to obtain the latest versions of the browsers listed above
- JavaScript must be enabled (this is enabled by default in most browsers)
- Make sure TCP ports 80 and 443 are open (sometimes firewalls will block these ports, ask your IT team if you can't connect with someone if this is causing it)
- **For iOS and Android:**
 - Use Safari on your iOS devices (latest version of iOS)
 - Google Chrome on your Android device
- **Compatibility:**
 - We are not compatible with Amazon Kindle and other e-readers.

Practice Letterhead Specifications

- Letterhead must be in the JPEG format
- Logo has to be 1024 pixels wide and up to 300 pixels in depth
- Footer and Header options are available
- A graphic artist is recommended to create and finalize your letterhead

Supported Interfaces

- Standard HL7 interfaces are supported (Windows PC required)
- Device imports are supported one way only. Images can be received back from the device, but cannot launch device-specific software that has been installed locally (Windows PC required)
- Integrations through Nextech APIs are supported:
 - For Integrations with Practice+: [Nextech Practice+ API Reference \(nextechsystems.github.io\)](https://nextechsystems.github.io)
 - For iPad EHR R4: [Introduction – Nextech Select API Reference \(nextechsystems.github.io\)](https://nextechsystems.github.io)