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Subject: College of Medicine – Tucson Device Requirements for Remote Access to Network Resources

1. Purpose. The purpose of this document is to identify the minimum device requirements needed to access network resources at the University of Arizona and College of Medicine. Network connectivity issues often involve multiple factors, including bandwidth, network stability, the number of connected devices, and the distance from the Wi-Fi router. Additionally, application performance may be hindered based on the amount of resources being used on the device accessing the application (e.g., multiple, resource consumption heavy applications being used at the same time). Meeting the minimum requirements will help solve one part of the equation for accessing network resources.

2. Device Recommendations.

   2.1. Updates. It is recommended to keep the operating systems and Wi-Fi adapter drivers up to date with the latest available versions to ensure compatibility and security.

   2.2. Minimum Requirements. Minimum requirements are those needed to access network resources but may not perform as well as the recommended requirements due to the potential to have other applications open that may also consume device resources.

   2.3. Specific Requirements. Some specific applications or services may have their own additional system requirements, so it is advisable to consult the software or service documentation or resource owner for any specific requirements. Additionally, some resources require the use of a Virtual Private Network (VPN), such as the COMVPN, to access the resource.

3. Device Requirements

   3.1. Windows

Windows	Minimum	Recommended
Operating System	Windows 10 (21H2 through 22H2)	Windows 11 (21H2 through 22H2)
Wi-Fi Adapter	Supports IEEE 802.11 standards	Supports 802.11ac
Authentication	PEAP/MS-CHAP v.2	
Processor	2 GHz	3 GHz
RAM	8 GBs	16 GBs
Storage	32 GBs	32 GBs
Wi-Fi	WPA	WPA2

3.2. macOS

macOS	Minimum	Recommended
Operating System	macOS BigSur 11.7.7 [Supported Devices](#)	macOS Ventura 13.4 [Supported Devices](#)
Wi-Fi Adapter	Supports IEEE 802.11 standards	Supports 802.11ac
Authentication	PEAP/MS-CHAP v.2	
Wi-Fi	WPA	WPA2

3.3. Linux

Linux	Minimum	Recommended
Operating System	20.04 LTS	22.04 LTS
Wi-Fi Adapter	Supports IEEE 802.11 standards	Supports 802.11ac
Authentication	PEAP/MS-CHAP v.2	
Processor	2 GHz	3 GHz
RAM	8 GBs	16 GBs
Storage	32 GBs	32 GBs or Higher
Wi-Fi Security	WPA	WPA2

3.4. iOS

iOS	Minimum	Recommended
Operating System	iOS 15 [Supported iPhones](#) [Supported iPads](#)	iOS 16 [Supported iPhones](#) [Supported iPads](#)
Wi-Fi Adapter	Supports IEEE 802.11 standards	Supports 802.11ac
Authentication	PEAP/MS-CHAP v.2	
Wi-Fi Security	WPA	WPA2

3.5. Android

Android OS	Minimum	Recommended
Operating System	11 Red Velvet Cake [Device Requirements](#)	13 Tiramisu [Device Requirements](#)
Wi-Fi Adapter	Supports IEEE 802.11 standards	Supports 802.11ac
Authentication	PEAP/MS-CHAP v.2	
Wi-Fi Security	WPA	WPA2

4. **Review.** This document will be reviewed annually to ensure it remains relevant and effective.