

Remote Access to Your Office (or Lab) Computer

One of the handiest features of Lehigh's network is the ability to access resources on it from elsewhere over the internet, including being able to connect to your computer's desktop from your home computer or mobile device.

There are five basic steps to make that happen that differ slightly depending on the *operating system* on your Lehigh computer and the remote device *from which* you're trying to connect. Note that it's fairly easy, using free tools, to connect to a PC from another PC, a Mac, an iOS device, or an Android device, and one can connect to a Mac from another Mac, but connecting to *Macs* from PCs, iOS, or Android requires third-party tools that these instructions don't cover.

Follow the links under each step to the appropriate instruction for your systems.

Start by confirming the following on your **Lehigh computer**:

1. **Enable** the remote desktop *capability* on the **Lehigh computer**.
 - a. Configure [Windows 10](#) for Remote Desktop Access
 - b. Configure [macOS](#) for Remote Management
2. **Find** the **network address (IP address)** or **network name** of your **Lehigh computer**.
 - a. If at all possible, request a permanent **network name** (a.k.a a 'LUnet' entry at Lehigh) for your Lehigh computer, like "SmithDesk.dept.lehigh.edu" from your Computing Consultant via <https://www.lehigh.edu/help>.
 - b. In a pinch, find your office system's **current IP address**.
 - i. Find your IP address on [Windows](#).
 - ii. Find your IP address on [macOS](#).
3. Make sure your **Lehigh computer** stays **_on_** and **_awake_** while you're away from the office (or lab).
 - a. Set computer Power Settings in [Windows 10](#).
 - b. Set computer Sleep Settings in [macOS](#).

Next, do the following from your **remote device**:

1. If you're **Off-Campus**, set up the **VPN client** software on your **remote device**, and configure it to connect to the **Lehigh network** from your off-campus location.
 - a. Install the VPN client software for [macOS and Windows](#),
 - b. Install the VPN client on [iOS, Android](#).
2. If you're **On-Campus**, and using the wireless network, make sure you're connected to the 'lehigh' network, and **not** 'lehigh-guest'
3. **Configure** the **Remote Desktop** or **Screen Sharing** software on the **remote device** to connect to your Lehigh computer's desktop.
 - a. Install Remote Desktop Connection and Connect to a Windows-based office computer with Remote Desktop in [Windows 10, MacOS, iOS, Android](#)
 - b. Connect to a Lehigh Mac from macOS using '[Screen Sharing](#)'.