



Citrix Services

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National Institute of Environmental Health Sciences

Citrix at NIEHS

- What is Citrix?
 - Citrix is a means of accessing a complete NIEHS Windows desktop remotely. It is an application virtualization software that delivers centrally-hosted Windows applications to local devices.
 - Meaning nice shortcuts to our software from remote locations and devices running on servers in the data center.
- NIEHS has hosted Citrix for over 20 years!
- Citrix and remote terminal services are **not** CIT services.
- Similarly, we also have an SSH server for scientific connections.

Citrix at NIEHS (cont.)

- Citrix is excellent for fast remote access because the applications run directly on servers at NIEHS; Users will see a copy of their screen called, *terminal emulation*.
- If you are familiar with Windows Remote Desktop Protocol (RDP), you can use Citrix! The main difference is that end users mostly use RDP to connect to their own computer back at the office, while Citrix connects using a server.
- Citrix requires Two-Factor Authentication (2FA) to access NIEHS resources. Users can choose between PIV card or authentication via Google authenticator on a second device.

Citrix Usage at the NIEHS

- We use Citrix at NIEHS for several special cases including:
 - ‘Dumb Terminal’ Connections
 - Login Remotely to Personally Owned Computers
 - Mac and Linux to Windows Functionality
 - Direct Shortcuts to Specific Applications, including Legacy Functionality

Using Citrix

- There are two modes of operation:
 - Desktop View: Provides a similar end user experience as being onsite, like your own Windows computer.
 - Dedication ‘Application Mode’: This launches an individual application in its own window.
- First time login now a ‘landing page’ that users may customize or just go the NIEHS default desktop.
- The Desktop has a customization menu at the top middle where end users can control specific aspects of their view.

Internal vs Remote Citrix Login

- If using Citrix on any computer from **inside** the NIEHS campus or VPN connected session, please use this link only: <https://CITRIX.niehs.nih.gov>
- If using Citrix on any computer from the internet **outside** of the NIEHS campus or not using the NIEHS VPN, please use this link only: <https://REMOTE.niehs.nih.gov>