

VPN (Virtual Private Network) at CNU

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What is a Virtual Private Network (VPN)?

A virtual private network, or VPN, is an encrypted connection over the Internet from a device to a network. The encrypted connection helps ensure that sensitive data is safely transmitted. It prevents unauthorized people from eavesdropping on the traffic and allows the user to conduct work remotely.

– Source "[What Is a VPN? - Virtual Private Network](#)", Cisco

What services are available via VPN?

The following services are available to all VPN users, with the exception of those designated as vendors:

- Internet access
- Remote desktop services
 - To all designated administrative and faculty/staff networks
- Core services, including Windows updates and ESET Antivirus updates
- File servers
 - Isilon (f:\files and \space)
 - Jupiter
- Web browsing and secure web browsing (SSL) access
 - Banner 9 admin pages (BPDB only)
 - ColdFusion
 - Atlassian suite, including Jira, Confluence, Stash, and Bamboo
 - Nolij
- Cascade (production, development)
- Library archive server
- SSH access to various servers
- Mitel connect access

How do I apply for VPN Access?

Attach your VPN Request form to a Helpdesk ticket.

[Help Desk Ticket Request](#)

Users must successfully complete the mandatory annual Security Awareness Training, and a department head and vice president or provost must approve the request.

[VPN Access Request Form](#)

What types of connections are available via the VPN?

There are two primary types of remote access available via the VPN:

- Using on-campus services (such as F:) from your CNU computer while off-campus (primary method)
- Remote desktop from a personal computer to a Windows workstation in your office (see instructions below). This option requires your **personal computer** to have current OS patches and up-to-date antivirus/malware such as Windows Defender (included in Windows 10) as well as Microsoft Remote Desktop Software.
 - If your **personal computer** does not have Microsoft Remote Desktop, download Microsoft Remote Desktop from the Microsoft Store.

More information on using the VPN

[Set Up VPN Access–MacOS](#)

[Access My Computer via VPN - MacOS](#)

[Set Up VPN Access--Windows](#)

[Access My CNU Computer via VPN - Windows](#)

VPN and Multi-Factor Authentication

Connecting to the VPN **requires** the usage of Multi-Factor Authentication. See [Multi-Factor Authentication](#) for more information.