

Matlab – Remote access

The BingView “Applications” pool provides access to the Matlab application

End-user system requirements

BingView supports several end-user devices; depending on the application you are running it require additional network bandwidth, CPU, and RAM requirements for the end-user system. Below are our recommendations for remote access for graphically intensive applications.

- Mac, Windows PC or Laptop with an Intel i3, i5, i7 CPU with 8 GB ram
- Wired Network connection preferred
 - Wireless networks share the bandwidth by design and add latency
- Install the latest VMware Horizon Client

A word about your network speed and latency

Your network connection to the campus data center needs to be stable. If your system is wireless, and your wireless router supports wired connections, consider plugging your system directly into the router. The minimum bandwidth for a single monitor system is 2 Mbps; this doubles to 4 Mbps for dual monitors. Latency greater than 250 mS will result in annoying delays while drawing. Test your network performance with a [speed test](#).

File storage – Where should I save my work

BingView builds a new system every time a user logs off. When you log off, the system you were using is deleted, along with any files left behind. **Save your files to your University U-drive or your Google drive before you log off.**

Accessing the BingView Connection Server

The procedure for connecting to BingView is the same for on or off-campus.

Two methods of connecting are supported:

1. VMware Horizon View Client (Preferred)
2. HTML5 Web browser

Connecting via the VMware Horizon View Client

1. From your system, open a web browser and connect to the server’s web page (<https://BingView.binghamton.edu>). Select the option “Install VMware Horizon View Client”.

2. From the download page, select and download the “VMware View Client” appropriate for your system. Clients are available for the following operating systems:
 - a. Windows 32 and 64 bit
 - b. Mac
 - c. iOS – not suitable for CAD
 - d. Android – not suitable for CAD
 - e. Linux users should check their OS distribution repository for a client
3. Download the latest version of the VMware Horizon View client appropriate for your system.
4. Start the application that was just downloaded to begin the installation procedure.
5. Accept the default settings.
6. Depending on your operating system, you may be prompted to restart, do so before proceeding.
7. Start the VMware Horizon client and select “New Server.”
8. Enter the name: bingview.binghamton.edu and select Connect
9. Log in using your PODS username and password.
10. Select the “Applications” pool from the list.

11. Start the VMware Horizon client, login with your user name, password and select the appropriate domain (Pods).
12. Select a virtual desktop from the list.

Connecting via a HTML5 Web browser

1. The following web browsers are supported:
 - a. Chrome 28 or later
 - b. Internet Explorer 9 or later
 - c. Safari 6 or later
 - d. Mobile Safari on iOS devices running iOS 6 or later
 - e. Firefox 21 or later
2. From your system, open a supported web browser
3. Connect to connection server's web page. (<https://BingView.binghamton.edu>).
4. Select the option "VMware Horizon View HTML Access"
5. Login with your PODS, user name, password and select the appropriate domain
6. Select the "Applications" pool from the list.

Note: Not all of the virtual machine pools are available via the web interface.