



Image Viewing Solution (IVS) Web App

Quick Start Guide

VA



U.S. Department of Veterans Affairs

Veterans Health Administration
Office of Connected Care

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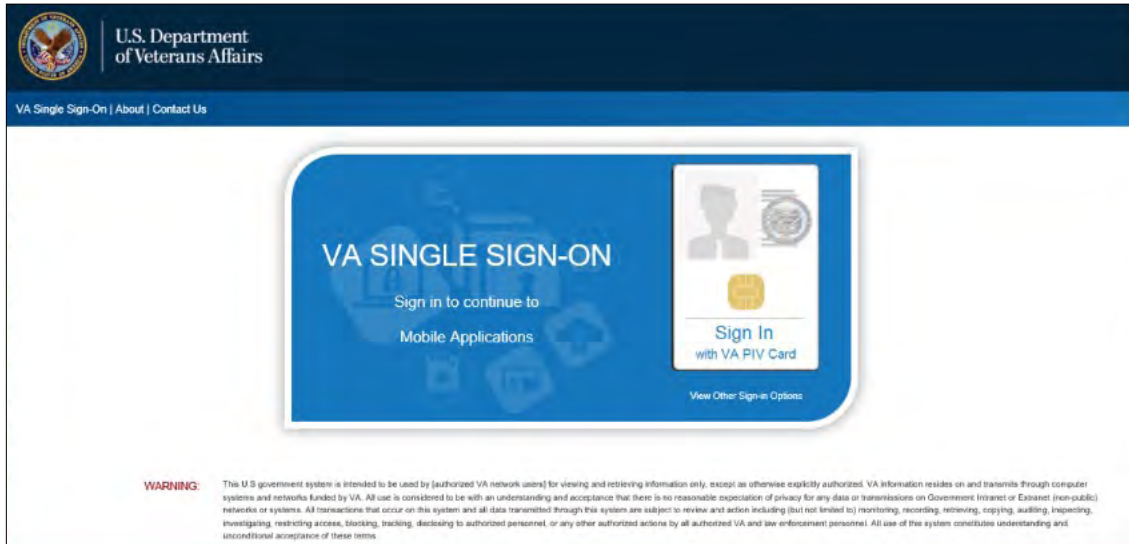


Overview

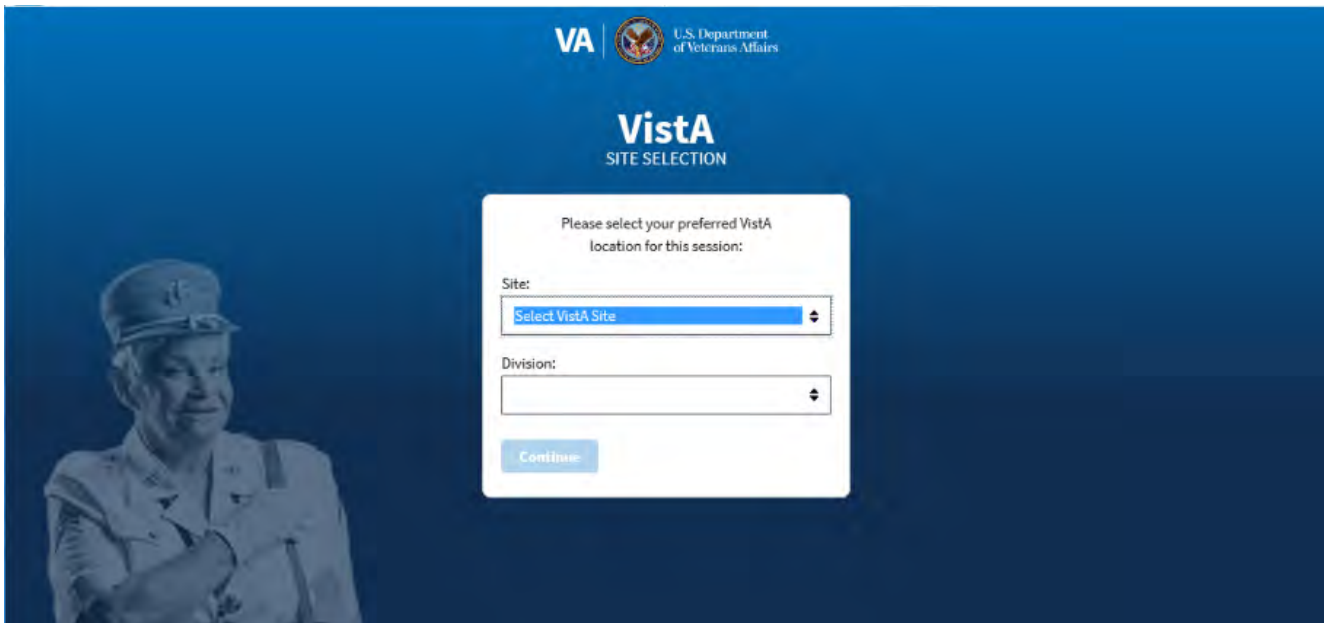
Image Viewing Solution (IVS) Web App allows Department of Veterans Affairs (VA) clinicians to access, view, and work (e.g., zooming, mirroring, measuring, and making notes) with diagnostic-grade images. IVS protects Personally Identifiable Information (PII) and Protected Health Information (PHI) as well as the fidelity of the image. Images can be viewed in 2D, MIP/MPR or 3D.

Logging in

First step is to log into the VA Mobile Framework (VAMF) using the VA's Identity Access Management (IAM) Single Sign-on page.



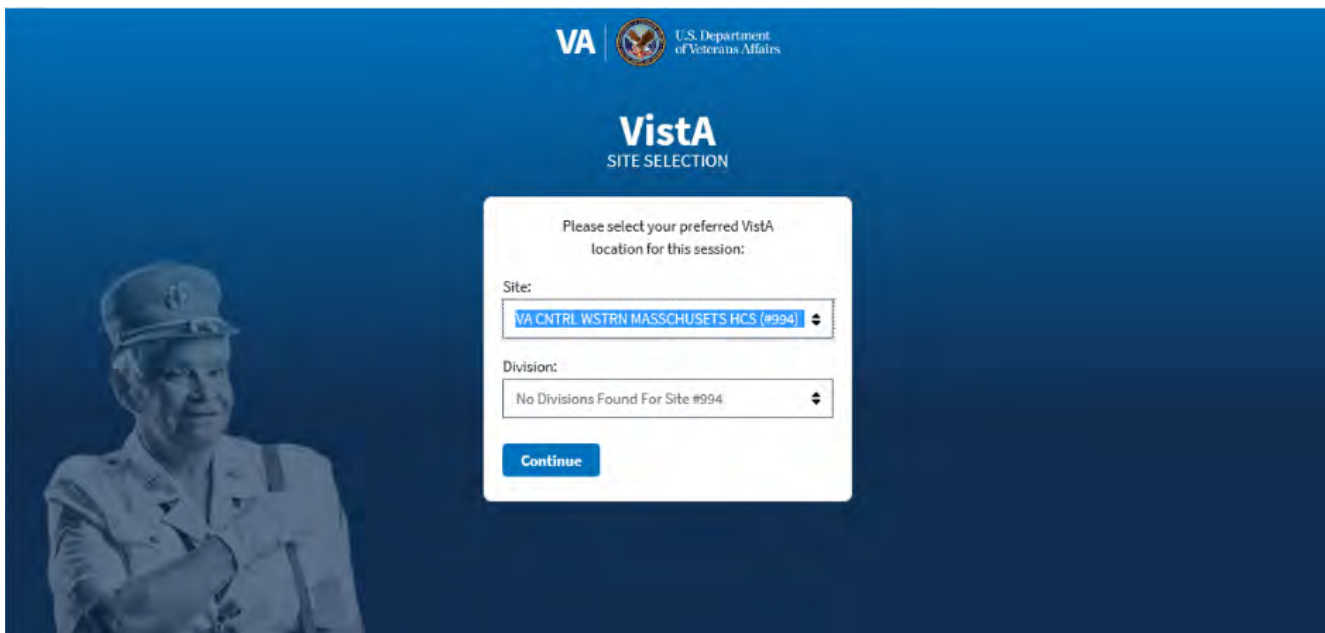
For users that have access to multiple sites, you will be directed to the Provider Context Selector (PCS) page to select the site you would like to access.



Drop down the Site selection list.



Make your site selection.



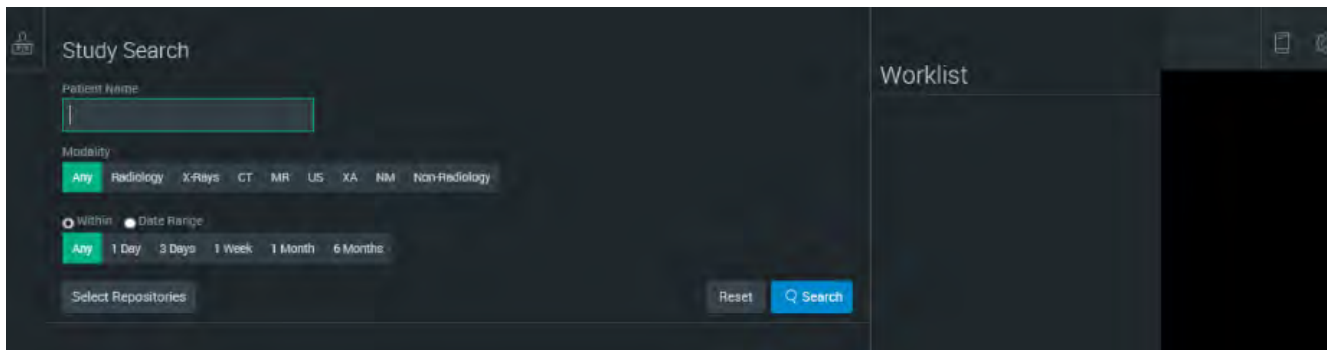
Tap **Continue** to enter the IVS Web app.

Searching for a patient

Find patients, filter by date and modality as well as search specific Repositories or all of VA's databases. (Successful searches return medical studies that are shown on the search results screen.)

1. Patient name – Enter the patient's name or social security number in a VAMF-allowed format.
2. Modality – Tap the type of image(s) you would like to include in your search.

3. Date – You can search within the last day, week, one month or six months. To search within a specific date range, tap the calendar icon to select the start and end dates.
4. Repositories – Select the “Select Repositories” for a drop-down list of available repositories to search within. The repositories selected will have a check-mark next to them. Tap **Done** to close the “Select Repositories” drop-down list.
5. Tap **Search**.
6. Results that match your search criteria will populate. You can sort the results by the patient’s name, ID, date, or modality.

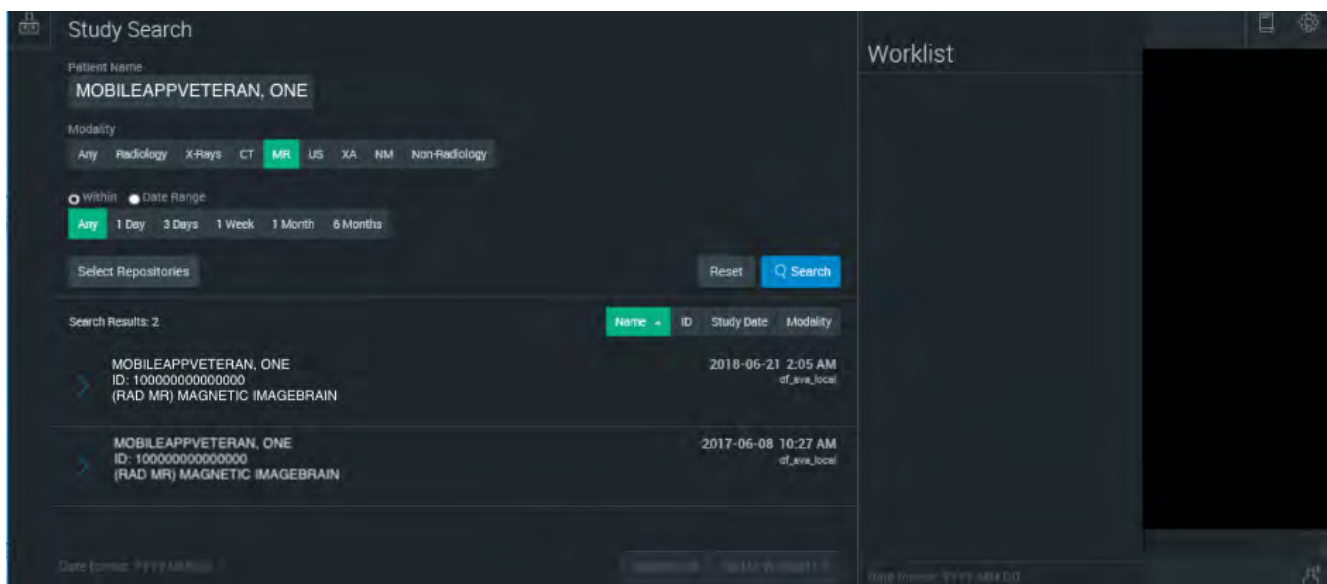


Opening the image

The Study Search Tool is your image viewer. It displays images and data and has tools that let you work with the image and data in various view modes. Some tools are only available in some view modes.

After you have searched for a patient on the search tab, a list of studies for patient(s) whose information matched your search criteria will appear with the patient name and ID, the date and time of the images, the modality, the study description, the file format and the archive. To load the images you want to view and work with:

1. Tap the study of the images you want to view from the search results.
2. The study panel tool will open the image series and their thumbnail images.
3. Double-click the series you want to view, or left-click the series and select **Add to Worklist**.



Study Search

Patient Name
MOBILEAPPVETERAN, ONE

Modality
Any Radiology X-Rays CT **MR** US XA NM Non-Radiology

Within Data Range
Any 1 Day 3 Days 1 Week 1 Month 6 Months

Select Repositories Reset Search

Search Results: 2

Name	ID	Study Date	Modality
MOBILEAPPVETERAN, ONE ID: 1000000000000000 (RAD MR) MAGNETIC IMAGEBRAIN		2018-06-21 2:06 AM dLavaLocal	
MOBILEAPPVETERAN, ONE ID: 1000000000000000 (RAD MR) MAGNETIC IMAGEBRAIN		2017-06-08 10:27 AM dLavaLocal	

Report

- 1. No Description 21 images
- 2. No Description 26 images
- 3. No Description 24 images
- 4. No Description 24 images
- 5. No Description 24 images
- 6. No Description 24 images
- 7. No Description 24 images
- 8. No Description 24 images
- 9. No Description 24 images
- 10. No Description 130 images
- 100. No Description 110 images
- 101. No Description 130 images
- All Images

Data Format: YYYY-MM-DD Deselect All Add to Worklist →

Worklist

Number Filtered: 0/1

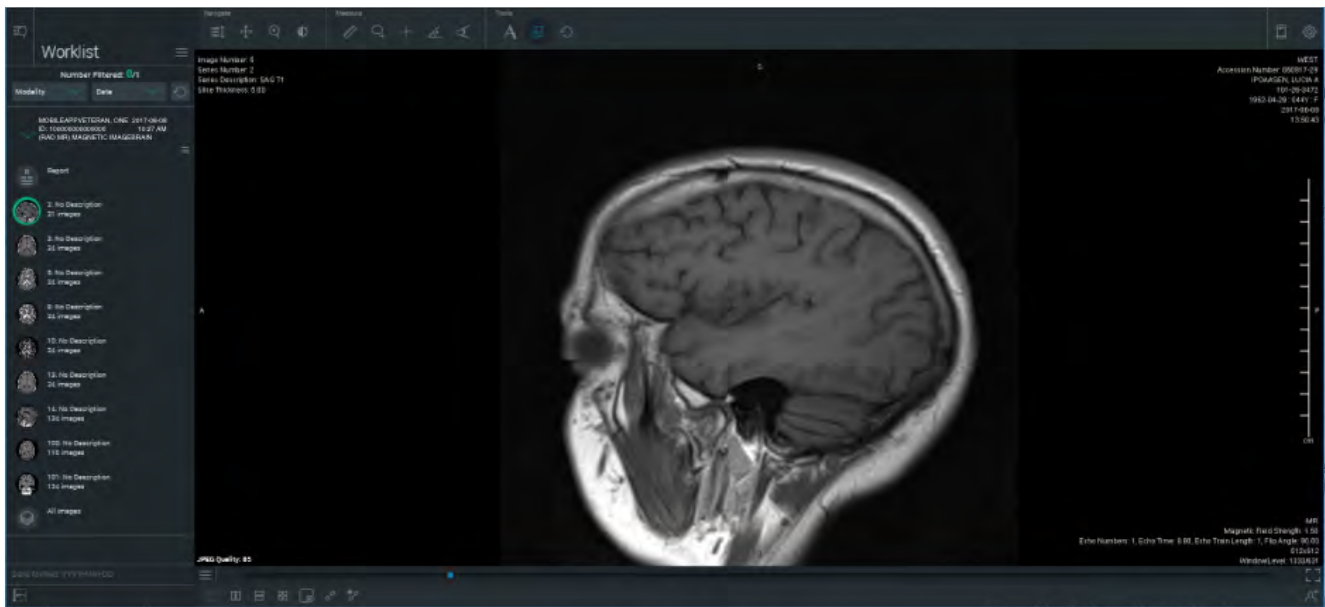
Modality Date

MOBILEAPPVETERAN, ONE 2017-06-08
ID: 1000000000000000 10:27 AM
(RAD MR) MAGNETIC IMAGEBRAIN

Report

- 1. No Description 21 images
- 2. No Description 26 images
- 3. No Description 24 images
- 4. No Description 24 images
- 5. No Description 24 images
- 6. No Description 24 images
- 7. No Description 24 images
- 8. No Description 24 images
- 9. No Description 24 images
- 10. No Description 130 images
- 100. No Description 110 images
- 101. No Description 130 images
- All Images

Data Format: YYYY-MM-DD

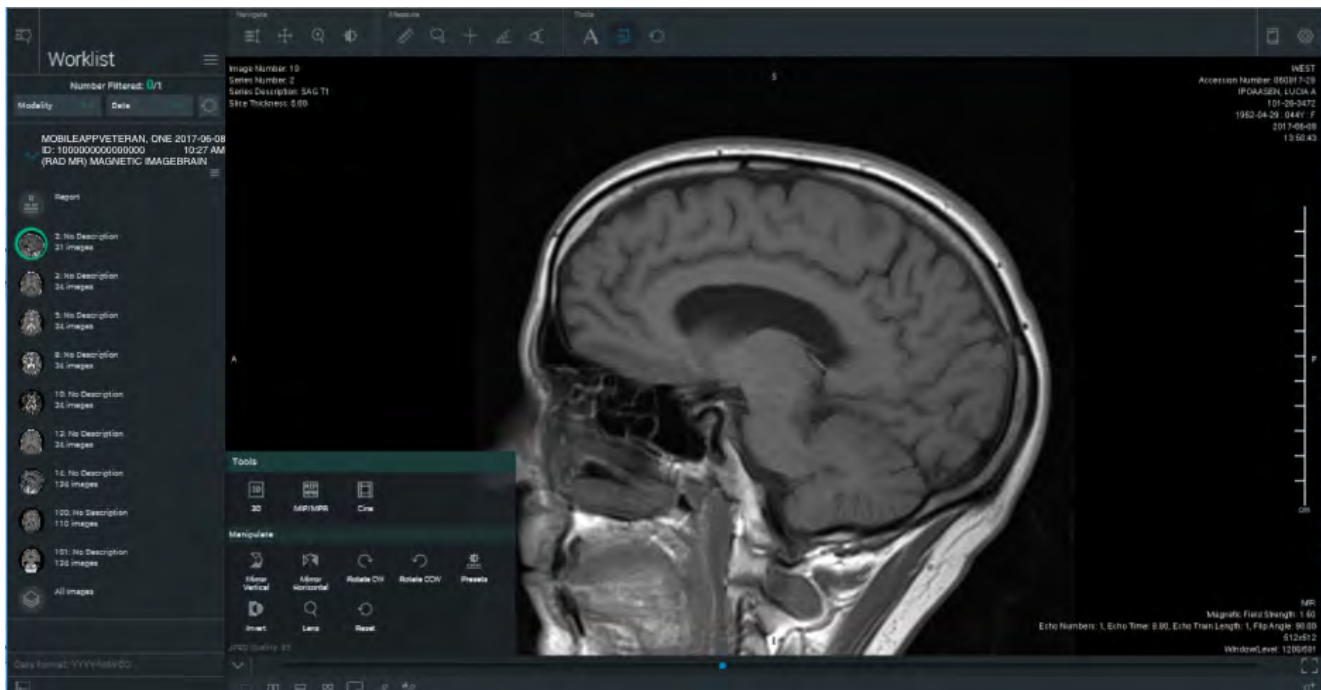


Working with images

From the IVS main workspace, you can change how to view images, access measuring tools and adjust image quality.

To access the tools menu, tap the grid icon in the lower left corner of the work area. The tool menu will appear with the following options:

- 3D
 - MIP/MPR
 - Cine
- Manipulate
 - Mirror Vertical
 - Mirror Horizontal
 - Rotate CW
 - Rotate CCW
 - Presets
 - Invert
 - Lens
 - Reset



The following tools are accessible on the top horizontal work area menu.

- Navigate
 - Scroll
 - Pan
 - Zoom
 - Window/Level
- Measure
 - Linear Measurement
 - Region of Interest
 - Point Measurement
 - Angle Measurement
 - Cobb Angle Measurement
- Tools
 - Text
 - Toggle GPS Data
 - Reset All Views

The following tools are accessible on the bottom horizontal work area menu.

- 1X1 Layout
- 1X2 Layout
- 2X1 Layout
- 2X2 Layout
- New Window

Settings

To access the Settings menu, tap the gear icon in the upper right corner of the screen. The Settings Menu will appear with the following options:

- Toggle Full Screen
- Ambient Light Test
- Display Settings
- Switch Site
- Logout



Documentation Menu

To access the Documentation Menu, tap the book icon in the upper right corner of the screen. The settings Documentation menu will appear with the following options:

- User Guide
- Hotkeys
- About ResolutionMD

Help and Additional Information

Additional training materials for the Image Viewing Solution (IVS) Web App

The IVS offers a built-in User Guide. To access the built in User Guide:

1. Tap the book icon in the upper right corner of the screen.
1. Tap **User Guide**.
2. The built-in user guide will open, and you will be able search and learn more about the functionality of the Web app/Web Browser.

Help Desk Information

If you need assistance with the Imaging Viewing Solution (IVS) Web App, dial **1-866-651-3180** to speak with a VA representative. For TTY assistance, dial **711**.