



External Vue Motion Log On - Set up Guide

SA Medical Imaging (SAMI) are pleased to advise an improvement to remote access for viewing of images for clinicians via External Vue Motion. You will now be able to 'Log On' to External Vue Motion in one step.

Access to view images outside of the SA Health network is now via a 'Log On' using your HAD ID, HAD password and a Passcode. The Passcode replaces the SMS code that was previously sent to your mobile/smart device.

To enable access to External Vue Motion, you will need to install a One-Time Passcode (OTP) Application (app) on your mobile/smart device (mobile phone or tablet) that generates the Passcode for you to use.

Access to the External Vue Motion 'Log On' is via the following website:
<https://samivueextns.sahealth.sa.gov.au>

Supported Browsers				
Product	MICROSOFT EDGE	FIREFOX	SAFARI 6 X or Higher	GOOGLE CHROME
DESKTOP PC WINDOWS 7, 8.1 or 10 Vue Motion	●	●	●	●
APPLE PC OS X TIGER and above Vue Motion			●	
APPLE iPhone 5s* and Up iPad 3* and up (IOS 9 and above) Vue Motion			●	●
Samsung S3* and up GALAXY Tab 3* and up (ANDROID 4.4 and up) Vue Motion				●

Note: Microsoft Internet Explorer is not supported

Part 1: One Time Passcode (OTP) Application (app) installation and setup

Note: If you have previously installed and configured the OTP app on your mobile/smart device for your HAD ID, this step does not need to be performed again. Please go directly to Part 2 – 'Log On' to External Vue Motion.

Note: The OTP app installation and setup only needs to be done once per mobile/smart device.

1. You will need to download and install a compatible OTP app on your mobile/smart device from the Apple store (iOS) or Google play (Android).

Suggested OTP apps:

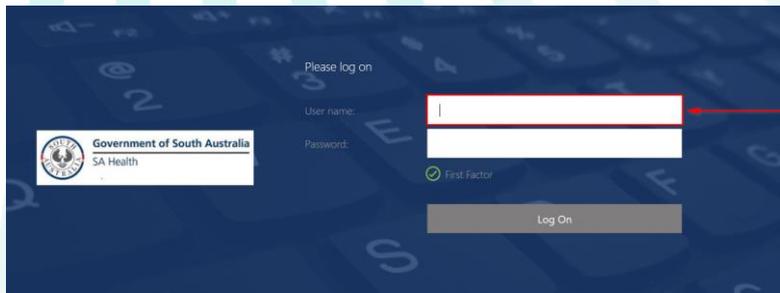
Android: [Citrix SSO](#)

iOS (iPhone): [Citrix SSO](#)

NB: These instructions will assume that you install the suggested OTP app for your smart device; however Google Authenticator can be used.



2. Once you have installed the OTP app on your mobile/smart device, on your desktop computer or laptop, open your Internet browser and go to the following website:
<https://sahextaccess.sahealth.sa.gov.au/manageotp>
3. At the login screen enter your HAD username in the User name field.



Please log on

 Government of South Australia
SA Health

User name:

Password:

First Factor

Log On

4. Enter your HAD password in the Password field.



Please log on

 Government of South Australia
SA Health

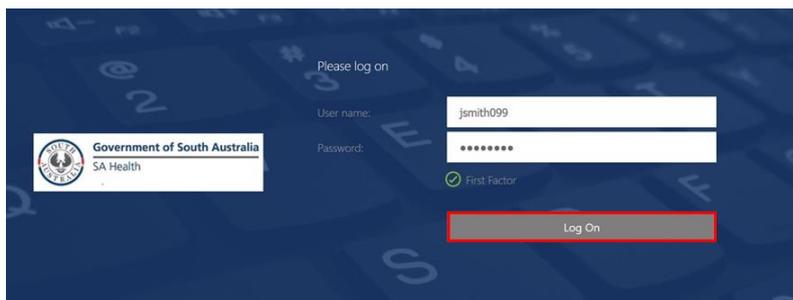
User name:

Password:

First Factor

Log On

5. Click **Log On**.



Please log on

 Government of South Australia
SA Health

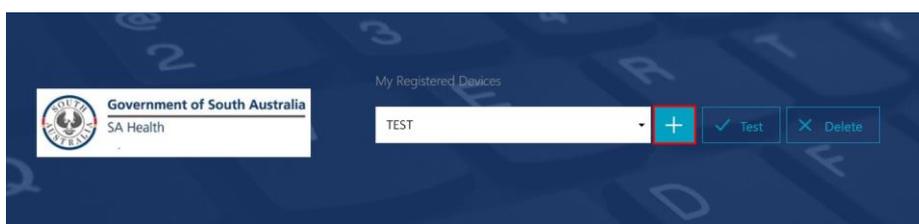
User name:

Password:

First Factor

Log On

6. Click the '+' symbol to add your mobile/smart device.



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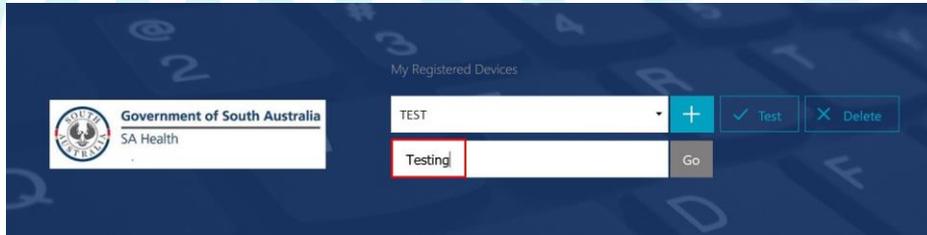
My Registered Devices

TEST

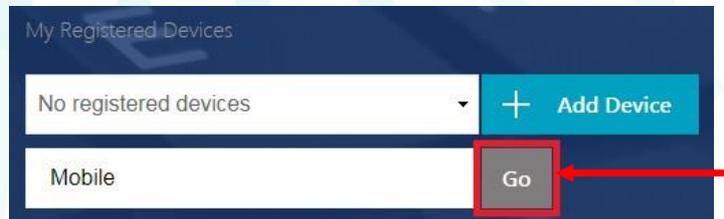


7. Enter a name for your mobile/smart device.

Note: The name cannot be longer than 10 characters (including spaces).



8. Click **Go**.



9. The following window will appear:

NB: Do not close this window or click Done until advised later in this guide

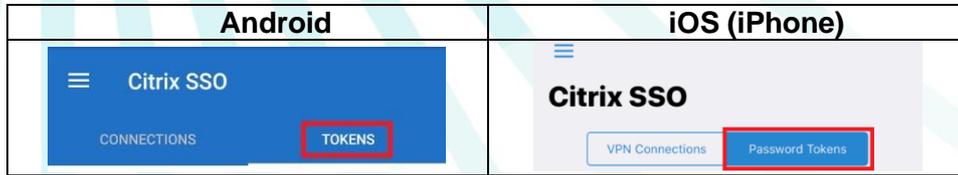


10. On your smart/mobile device, open the Citrix SSO app. The following screen will display:





11. On Android, select the **Tokens** option.
 On iOS, select **Password Tokens**.



12. On Android, press the + symbol at the bottom right of the screen.
 On iOS, select **Add New Token**.



13. Choose **Scan QR Code**.

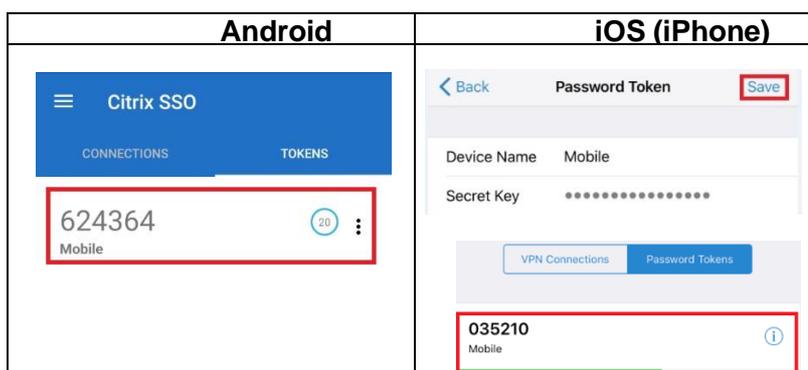


14. Point the camera on your mobile/smart device towards the QRCode displayed on your desktop computer or laptop.

Note: Scanning of the QRCode is not supported via Safari on MacOS (but using External Vue Motion is supported). You will need to use a different operating system and browser combination to scan the QRCode.

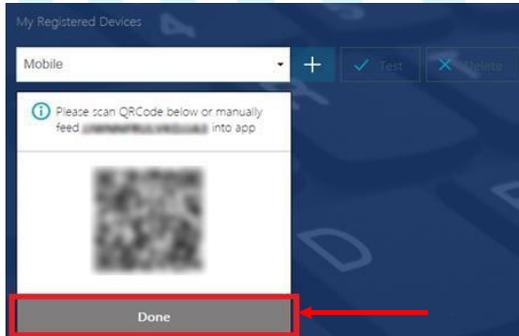
15. On Android, the Citrix SSO app should detect the QRCode and add an entry.
 On iOS, select **Save** and the entry will be added.

The number on this entry is your Passcode and will change every 30 seconds (as indicated by the count-down timer) and is used to login.





16. On your desktop computer or laptop, click **Done**.



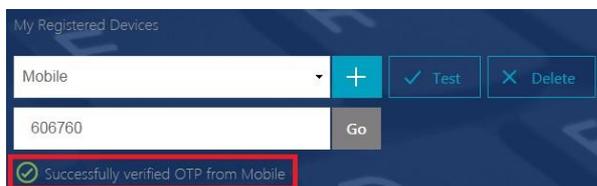
17. Click **Test**.



18. Enter the Passcode (number) currently being displayed in the Citrix SSO app on your mobile/smart device, then click **Go**.



19. The test should be successful. If this is unsuccessful, please contact the Digital Health helpdesk on 1300 138 913





Part 2: 'Log On' to External Vue Motion

Note: You will need access to your smart/mobile device for the Passcode and a PC or laptop or smart/mobile device to access External Vue Motion.

Once you have set up the Passcode OTP app on your smart/mobile device, you can now 'Log On' to External Vue Motion using the following website:

<https://samivueextns.sahealth.sa.gov.au>

The following Internet browsers are supported by External Vue Motion:

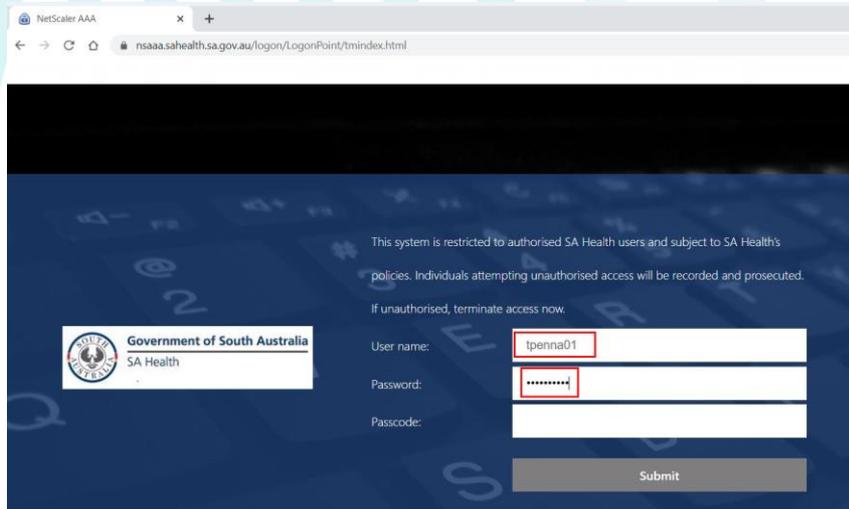
Supported Browsers				
Product	MICROSOFT EDGE	FIREFOX	SAFARI 6.X or Higher	GOOGLE CHROME
DESKTOP PC WINDOWS 7, 8.1 or 10 Vue Motion	●	●	●	●
APPLE PC OS X TIGER and above Vue Motion			●	
APPLE iPhone 5s* and Up iPad 3* and up (IOS 9 and above) Vue Motion			●	●
Samsung S3* and up GALAXY Tab 3* and up (ANDROID 4.4 and up) Vue Motion				●

Note: Microsoft Internet Explorer is not supported

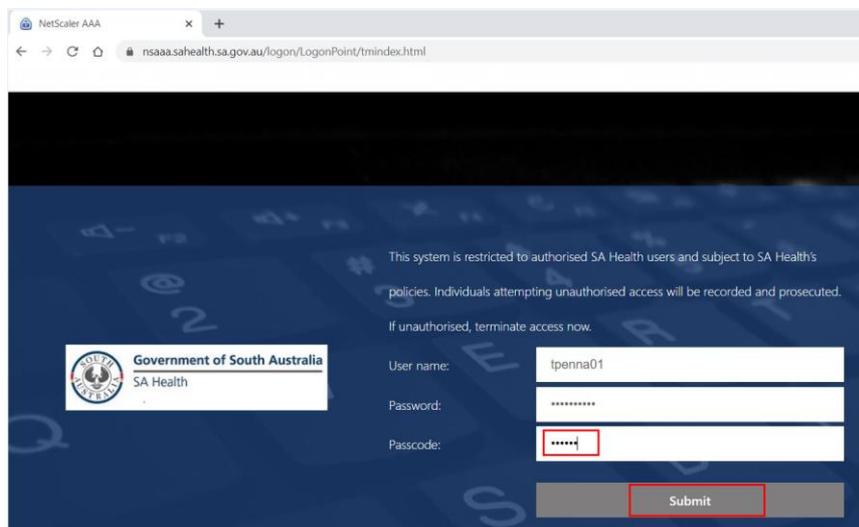
1. Enter the website <https://samivueextns.sahealth.sa.gov.au> into your supported Internet browser on your desktop computer or laptop. It is possible to use your mobile/smart device to access External Vue Motion in addition to your mobile/smart device generating your Passcode.



2. Enter your HAD ID in the User name field and your HAD password in the Password field.



3. On your smart/mobile device, open the One Time Passcode (OTP) app (that was installed in Part 1) and enter the Passcode that is visible into the Passcode field on the logon screen, then click the submit button. If the count-down timer is showing less than 5 seconds, it is recommended to wait for a new Passcode.

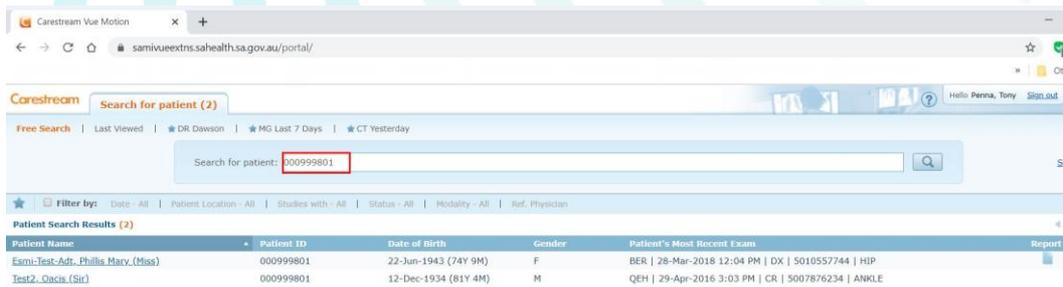


4. You will now 'Log On' directly to External Vue Motion

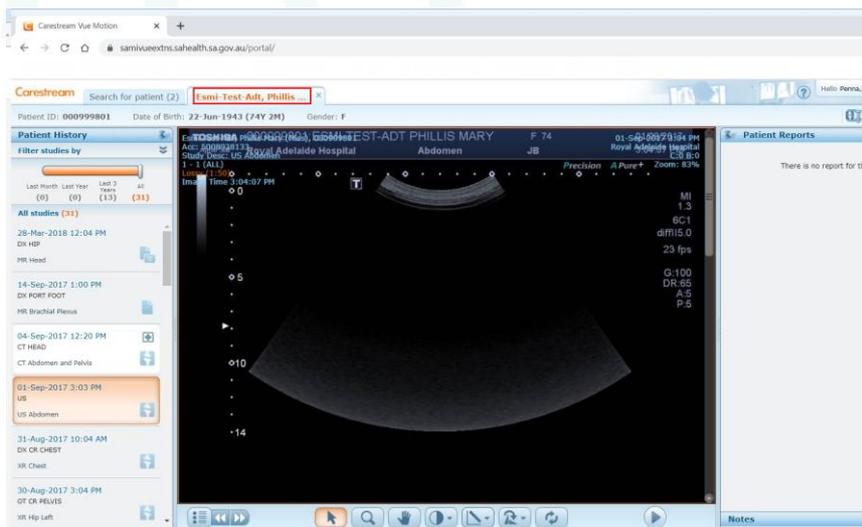




- You can search for a patient using their Patient ID or last name & first name (entered as last name comma first name) in the search field provided.



- From the search results click on the patient name to display the images.



- You can close the patient's images by clicking the 'X' icon located to the right of the patient name – this will return you to the search screen.

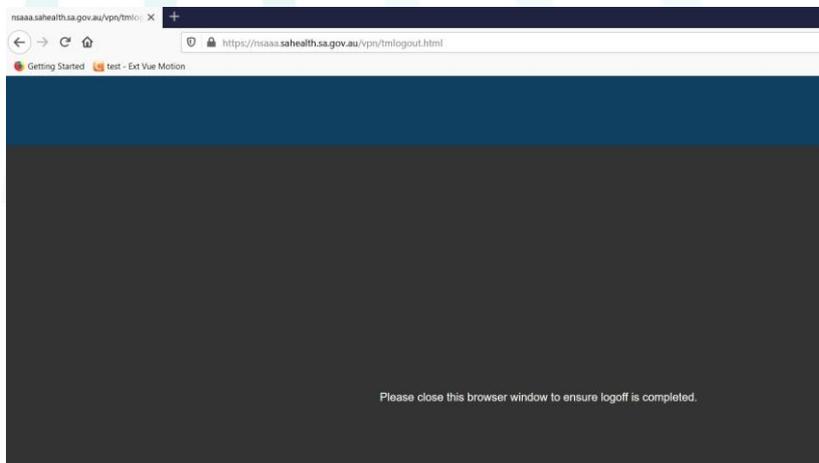




8. To 'Log Off' from External Vue Motion, click the 'Sign out' button located on top right of the application beside your user name.



9. After clicking 'Sign out' you will be directed to the logoff screen below.



10. If you do not close your internet browser window, you will be able to rapidly 'Log On' to External Vue Motion without having to re-enter your HAD username, HAD password and Passcode for 30 minutes by simply entering the following website into your currently open internet browser:

<https://samivueextns.sahealth.sa.gov.au>

Note: External Vue Motion will automatically 'Log Off' after 30 mins of inactivity.

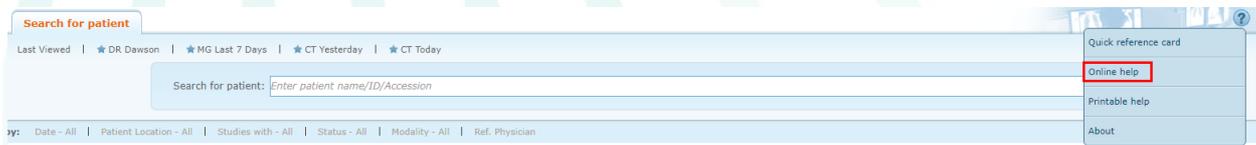
11. If you close your internet browser or are 'Logged Off' automatically after 30 minutes of inactivity, you will need to 'Log On' to External Vue Motion again by entering the following website into your internet browser: <https://samivueextns.sahealth.sa.gov.au> and then re-entering your HAD username, HAD password and Passcode as per the previous instructions at the beginning of Part 2.



References

To access the External Vue Motion Quick reference user guide – please see Appendix A.

To access the complete External Vue Motion user guide – please select the Help button (Question Mark icon) when logged onto the application.





Appendix A – Vue Motion Quick Reference Guide

Carestream
Vue Motion
 Quick Reference Guide



1. Patient Exam screen

Contains the following sections:

#	Description	#	Description
1	Image area	7	Bookmarks
2	Image Manipulation Toolbar	8	Notes Pane
3	Cine Toolbar	9	Patient History Pane
4	Series Chooser	10	Patient demographics
5	3D View Tools	11	Additional Functions
6	Patient Reports Pane	12	Search for Patient tab—Returns you to the Search Results pane.

2. Manipulate Images

Use the toolbar at the bottom of the Patient Exam display to perform the following operations:

Icon	Description
	Pointer
	Zoom
	Pan
	Windowing Click and drag the mouse up/down to change center, and drag sideways to change window width. Hover over this icon to open the submenu and apply a windowing preset (available for CT and MR only) or to perform inverse windowing.
	Measurements Hover over this icon to delete graphics, hide graphics and annotations, display Non-DICOM image tags, or to draw lines, angles, Cobb angles and oval ROIs. Click and drag the mouse to draw a measurement shape.
	Rotate Hover over this icon to rotate right or left and to flip vertically or horizontally.
	Sync Perform synchronization in multiple-layout displays. A highlighted icon is an indication that all displayed series are synchronized.
	Reset all Resets zoom, pan, rotate, and windowing to initial state.

3. Scroll

Use the mouse wheel or the scrollbar to scroll through the images.

Tablet gestures: Two fingers to pan, one finger to scroll, long press to open drop-down menus.

4. Use Keyboard Shortcuts

Use the following keyboard shortcuts to perform various functions within Vue Motion:

#	Description	#	Description
L	Shared Pointer	4	Layout 2x2
W	Windowing	F1	1st Windowing preset
CTRL+X	Swivel	F2	2nd Windowing preset
Z	Zoom	F3	3rd Windowing preset
CTRL	Zoom to point	F4	4th Windowing preset
CTRL (while zooming)		F5	5th Windowing preset
P	Pan	F6	6th Windowing preset
CTRL+I	Pointer	F7	7th Windowing preset
CTRL+F	Reset	F8	8th Windowing preset
ALT+I	Inverse	F9	9th Windowing preset
SHIFT	Toggle between Zoom/Pan and Swivel/Rotate	F10	10th Windowing preset
← (left arrow)	Previous Group	F11	11th Windowing preset
→ (right arrow)	Next Group	F12	12th Windowing preset
1	Layout 1x1		
2	Layout 1x2		

5. Use Cine Tools

Icon	Description
	Click once to play, click again to pause.
	Move to previous frame
	Move to next frame
	Adjust the frames-per-second rate

6. View Images in 3D

You can display series of volumetric images in different 3D rendition type views.

Click the **Rendition Options** icon in the **3D Tools** menu to display different rendition types (MPR, coronal, sagittal, and axial) or pre-defined volume rendering (**VolR**) protocols.

- Click a hot spot in the illustration or use the **Body part selection** menu to select a body part.
- Click a pre-defined protocol.
- Use the Parameters and Plane menu to change thickness and spacing, as well as orientation.

After a series is displayed in an MPR view, the **Flip/Rotate** tool in the toolbar changes to **Swivel**. Hover with the mouse over the **Swivel** icon and use the **Swivel** or **Roll** tools to improve viewing.



7. Use the Series Chooser

Click the Series Chooser icon to see a list of all series of the displayed exam and the loaded exams.

- Click the series that you want to display or drag it to the display area.

Note: Dragging a series is not supported on tablets

- Use the arrow icons to navigate to the next or previous series.

8. Share Exams with Other Users

You can share exams with other web users. Depending on the type of permissions you have, either right-click the patient name on the Search Results page and then select **Share Exam**, or click **Share** in the toolbar and then click **Share** again.

Note: The right-click option is not available on tablets.)

Fill in the email address and other sharing options on the Share Exam page. The **Manage Existing Sharing** option lets you undo existing sharing instances.

9. View a Patient's Exam History

The left pane of the screen lets you load the prior exams of the selected patient.

To load a prior exam, open the left pane and click the requested exam. The selected exam (both images and report) replaces the exam currently displayed.

The state of each prior exam is represented by the following icons:

Icon	Description
	Only an order is available for the exam. Images are not yet stored in the archive.
	Images are available. The exam can be viewed, but a report is not yet available for the exam.
	A report exists for this exam.
	A sticky note exists for this exam. (Sticky notes are available for Vue Motion users only.)
	A report and sticky notes are available for this exam. (Sticky notes are available for Vue Motion users only.)

Additional exam information is available through a tooltip. Hover over the study area to view this information.

Linked exams (different exams performed for the same patient under a single order and with a single report) are marked in the **Patient History** pane with a colored frame.

Note: Tooltips are not available on tablets.

To display a prior exam side-by-side with the current exam, click the + sign that appears when you hover over the top-right corner of the exam box.

The report may contain text marked as hyperlinks to bookmarks marked on images. Click on a hyperlink to scroll the images and display the image where the bookmark has been marked.

If more than one report exists for the selected exam, you can navigate to the next report by clicking

Click to open the report in a new window. To prevent mismatches between reports and exams, reports opened in a new window close whenever you select a different exam.

14. View Bookmark Information

Vue Motion displays information about bookmarks in the exam. To view a bookmark, either click a hyperlink in the report text, if a hyperlink for that bookmark exists in the text, or click a bookmark icon in the Bookmarks pane.



Each icon in the Bookmarks pane represents a bookmark in the exam marked as the active exam in the Patient History pane.

Hover over a bookmark icon to open the Bookmark Information window, which displays relevant details of the bookmarked measurements.

Vertical white stripes in the icon indicate the existence of follow-up bookmarks. Click a bookmark icon to navigate to the bookmarked measurement.

Clicking a striped icon opens a Follow-Up Information window next to the Bookmark Information window. Click a follow up row in the window to load the relevant series with a focus on the bookmarked measurement.

15. View Notes

This pane (available in Vue Motion only), located below the Patient Reports pane, displays any sticky notes that have been added to the exam.

You can view, add, edit, and delete sticky notes, based on your user permissions.

16. Customize the Panes

To change the display mode of the panes, click . When a pane is unpinned, the pane maximizes when you hover the cursor over its sidebar.

You can also change the pane width by clicking and dragging the external border of the pane.

Note: Pinning, dragging, and hovering are not supported on tablets.

10. Filter the List of History Studies

If there are many history exams for the patient, you can filter the list of prior exams.

To narrow the list of exams to a specified time frame, use the **timeline filter**. In addition, each time period indicates the number of prior exams within that period (in brackets).

To filter by modality, body part, and/or exam description, click

11. Display Multiple Series Side-by-Side

Use the **Series Chooser** menu to select a layout, and then click or drag a series (image group) from the **Series Chooser** to display more than one series simultaneously.

Tablet: Dragging is not supported.

12. Synchronize Displayed Series

Synchronize series for comparison. When synchronized series are on the same planar view, every scroll, zoom, or pan action is performed on both series. Synchronized series that are not on the same planar view display dynamic reference lines on one of the series.

Use the **Sync** icon in the image manipulation bar to synchronize series. Registration (volumetric matching) takes place for displayed series that are of different frames of reference.

Hover over the **Sync** icon to display the following options:

Icon	Description
	Sync Synchronizes displayed series. A highlighted icon is an indication that all displayed series are synchronized.
	Manual Sync Synchronizes series when there is no sufficient DICOM information for automatic linking.
	Break Sync Unlink synchronized series.

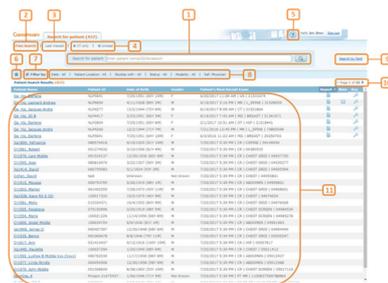
In multi-layout displays, reference lines appear on the active image if the displayed images are in perpendicular planes.

13. View Patient Reports

The right pane shows the report of the displayed exam. When you load a different exam from the Patient History pane, the Patient Reports pane updates with the report of the selected exam.

If the report serves a number of linked exams, the linked exams are specified at the upper part.

17. Search for a Patient



#	Name	Description
1	Search box	Search for a patient by name, ID, or accession number.
2	Free Search	Use this option to perform a new search, and clear the search and filters.
3	Last Viewed	Use this option to view the last patients you loaded.
4	Saved filters	List of saved filters. You can click to apply your predefined filters to the search.
5	Help	Opens the online help for Vue Motion.
6	Save Filter	Saves your filter selection to let you use it later as a predefined filter selection. This can also be used as a wishlist. Click to delete a filter.
7	Filter by	Checkbox that determines whether results are filtered by Filter Options.
8	Filter Options	Fields for filtering the search results. Additional fields to those provided by default may be configured.
9	Search by field	Lets you search a specific field: Last name, first name, ID or accession number.
10	Page browse	Moves forward or back in the search results pages.
11	Patient Results list	List of the patients matched to the search criteria that you entered in the Search field. If you defined filters, the list is filtered on those fields.

18. Patient Search Results

Note: By default, the search results display a list of patients, and not a list of exams. To view the complete list of studies of a certain patient, select the patient and view the left pane.

An option exists to have the Search page display a list of studies rather than patients.

The following fields display in the Search Results pane:

Field	Description/Additional Information
Patient Name	Click the name to load the most recent exam of that patient.
Patient ID	The issuer of the patient ID is located in the tooltip of the ID field.
Date of Birth	The patient age is shown in parentheses.
Gender	Displays the gender of the patient.
Patient's Most Recent Exam	Displays the information of the most recent exam of the patient. By default, the exam date, modality, body part, and accession number are displayed. The number of images, referring physician name, and patient location are displayed in the tooltip of the field. Note: Additional exams might be available for the patient. To view the complete list of exams for a patient, select the patient and view the left pane.
Report	Indicates whether the most recent exam has a report. If available, click the icon to open the report of the most recent exam. Note: Reports or notes that were recently added or updated are indicated by an asterisk icon.
Note	Indicates whether the most recent exam has a sticky note. (Sticky notes are available for Vue Motion users only.)
Key	Indicates whether the most recent exam has key images.

Note: The search results page is narrowed on tablets in portrait mode.

19. Chat

Use the chat feature to send and receive text messages between two or more users, including the ability to share screen displays.

- Click the **Chat** icon at the top right of the screen.
- Click Start new chat.
- Select one or more users from the displayed list. The names of all users in the system appear, with online users highlighted green. To refine the list, enter a string of characters in the **Search** box, and then click **Q** or press **Enter**.
- Click **Start conversation**.

Measure Time and Voltage Differences

Use the **Line** tool to measure time and elevation (voltage) differences between two points.

- From the **Measurement menu**, select **Line**.
- Click the lead waveform at the starting point of the measurement line, keep the mouse pressed, and drag to the end point.
A dotted line is drawn and an annotation appears displaying the second (x axis) and millivolt (y axis) values covered by the line.

Assess Rhythm

Use the **Caliper** tool to assess rhythm normality by defining a time segment and comparing the heart activity during the same duration in other locations along the lead waveform.

- From the **Measurement menu**, select **Caliper**.
- Click the lead waveform at the starting point of the segment to be defined, keep the mouse pressed, and drag to the end point.
A caliper appears with an annotation of the duration represented by that segment.
- Click any other location on the lead waveform to move the caliper and compare the rhythm in that duration.

- To send a link to an exam, click . The user receives a message with a link to the selected exam.

- To share your screen, click . Click **End Session** to end the shared session.

20. View ECG Lead Waveforms

Vue Motion displays a 12-lead ECG view, exam details and interpretation information.



Icon	Description
	Pointer
	Zoom
	Measurement Use the Measurement menu to measure differences between two points along the lead waveform, to assess rhythm (caliper), to hide grid, annotations and measurements, and to delete measurements.
	Change Format Use the Change Format menu to change the lead display format from the default 3 x 4 + 1 to 3 x 4 + 3, 3 x 4, 6 x 2, or 12 x 1.
	Change Speed Use the Change Speed menu to change the distance per second representation on the X axis from the default 25 mm/s to 12.5, 50, 100 or 200 mm/s.
	Change Gain Use the Change Gain menu to change the distance per voltage representation on the Y axis from the default 10 mm/mV to 5, 20, or 50 mm/mV.
	Reset all changes to the default display.

23. Additional Functions

Note: Depending on how your system has been set up, you may not see all of these options.

Icon	Description
	Chat Enables you to send and receive text messages.
	Original fidelity for current active image Displays the selected image as lossless.
	Full Screen Enlarges the displayed image area (configurable).
	Save Image Saves the displayed image to your local PC. A zip file is created that contains the exam files (DICOMDIR and JPEG files).
	Print Enables you to print the displayed report or selected image.
	Email Sends an email with a link to the exam. When the email recipient clicks the link, the same patient and exam open in Vue Motion (after login).
	Share (For users with appropriate options and permissions) Enables you to share exams with other people.
	Approve Reports Enables you to approve reports directly from Vue Motion.
	Advanced Viewer (Available only when using MICROSOFT INTERNET EXPLORER) Opens the same exam in the CARESTREAM PACS Client to make the full range of viewing options available. Note: If the PACS Client is not installed on your PC, an installation process runs automatically.