

Hot keys and shortcuts

You can use the mouse to manipulate items and manage the way data is displayed in the Vicon Nexus window. Standard mouse actions can also be combined with keyboard keys.

To help you use Vicon Nexus efficiently, this section provides lists of shortcuts:

- [Common hot keys and shortcuts](#)
- [Shortcuts for navigating in Vicon Nexus](#)
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Common hot keys and shortcuts

The following mouse actions and hot keys are available throughout Nexus, where applicable/available:

| Task | Keys and mouse |
|---|---|
| Start/stop capture | CTRL+Enter |
| Select individual items | Click |
| Select items within a bounding outline | ALT+click and drag |
| Select multiple non-consecutive items | CTRL+click |
| Rotate/orbit | Click and drag |
| Zoom | Right-click and drag |
| Translate/Move | Click wheel button (or left-and-right-click) and drag |
| Scroll forward or backward through a list | Rotate mouse wheel |
| Undo | CTRL+Z |
| Redo | CTRL+Y |
| Save currently enabled subject data to the current trial's .c3d file (equivalent of clicking Save on the File menu) | CTRL+S |
| Reset Core Processor | CTRL+R |
| Esc | Exit current mode (labeling, etc) |
| Unset all cameras' Bumped status | CTRL+SHIFT+B |



Note

The behavior of the ALT GR key depends upon the regional settings specified for your keyboard in the Windows operating system. In some regions, the behavior of this key is identical to that of the ALT key, while in other regions the ALT GR key functions as if the ALT+CTRL keys were pressed together. Nexus assumes the latter behavior.

If you want to use the ALT GR key as if it was the ALT key, you must change the regional settings for your keyboard to use the US layout, which assumes identical behavior for these two keys. You change your keyboard language settings in the **Text Services and Input Languages** dialog box, accessed from the **Languages** tab in the **Regional and Language Options** dialog box in Windows **Control Panel**. For more information, see the Microsoft Windows help.

Shortcuts for navigating in Vicon Nexus

Use the following hot keys to navigate to the different areas of the Vicon Nexus user interface.

| Task | Keys |
|------|------|
|------|------|

| | |
|---|-----|
| Display the Vicon Nexus online help | F1 |
| Display/Close Data Management tab | F2 |
| Display/Close the Quick Reports window | F4 |
| Enter/Exit full screen mode | F5 |
| Display/Close Sounds dialog box | F6 |
| Display/Close Options dialog box | F7 |
| Go to System Preparation Tools pane | F8 |
| Go to Subject Preparation Tools pane | F9 |
| Go to Capture Tools pane | F10 |
| Go to Label/Edit Tools pane | F11 |
| Go to Pipeline Tools pane | F12 |

The behavior of function keys is dependent upon the area of the Nexus window that has focus when the key is pressed. Click anywhere in the window to set the focus before using the function keys to navigate to a different part of the user interface.

Shortcuts for managing real-time data

Use the following hot keys to manage real-time data streaming and offline data processing in Vicon Nexus.

| Task | Keys |
|--|--------------------------------|
| Start/stop capture | CTRL+Enter |
| Switch between Live and Offline mode | CTRL+TAB |
| Pause/Restart real-time data streaming (Live mode) | SPACE (or middle mouse button) |
| Play/Stop offline data (Offline mode) | SPACE (or middle mouse button) |
| Toggle Simple Capture mode (Live mode) | CTRL+H |

Shortcuts for selecting items

Use these hot keys and mouse actions to select items in the Vicon Nexus window. To cancel a selection, left-click again in the view pane.

| Task | Keys and mouse |
|--|--------------------------------------|
| Select single item | Click |
| Select multiple non-consecutive items | CTRL+click |
| Select multiple non-consecutive items maintaining the order of selection | SHIFT+CTRL+click |
| Select multiple consecutive items | SHIFT+click, SHIFT and drag, or drag |
| Select next optical camera |] |
| Select previous optical camera | [|
| Select next video camera | CTRL+] |
| Select previous video camera | CTRL+[|
| In a Camera view, sweep select for manual masking | ALT+drag |

Shortcuts for moving the camera view

Use the following mouse actions to move the camera view in the **3D Perspective**, **3D Orthogonal**, and **Camera** views.

| Task | Keys and mouse |
|--|---|
| Zoom: Move the camera viewpoint closer to or further away from the focal point | Right-click + drag forward or backward |
| Orbit: Move the 3D viewpoint around the focal point | Left-click + drag left, right, forward, or backward |
| Translate: Move the 3D viewpoint along a horizontal or vertical axis | Click wheel button + drag left, right, forward, or backward |
| Zoom to window (for all windows). Applies in Camera, 3D Overlay and Rotated views. | CTRL+SHIFT+Z |
| Zoom camera view to fit | CTRL+SHIFT+F |

Shortcuts for viewing data in 3D views

Use the following hot keys to view data in the 3D Perspective and 3D Orthogonal views:

| Task | Keys |
|---|----------------|
| Toggle display of labels | CTRL+space bar |
| Reset footstrike counters (see Automatically assess foot strikes). | CTRL+SHIFT+R |

Shortcuts for viewing data in the Graph view

Use the following hot keys and mouse actions to view data in the Graph view. For more information, see [Shortcuts for visualizing graph data](#).

| Task | Keys and mouse |
|--------------------------------|--|
| Select range of frames to zoom | ALT and right-click + drag across frames |
| Slide x-axis left | Click wheel button + drag left |
| Slide x-axis right | Click wheel button + drag right |
| Slide y-axis up | Click wheel button + drag forward |
| Slide y-axis down | Click wheel button + drag backward |
| Zoom x-axis in | Right-click + drag left |
| Zoom x-axis out | Right-click + drag right |
| Zoom y-axis in | Right-click + drag backward |
| Zoom y-axis out | Right-click + drag forward |

Shortcuts for visualizing graph data

The way the graph that is displayed in a **Graph** view depends on whether the system connection is live or offline and whether an individual point or a range has been selected for plotting.

- [Zoom an axis \(x or y\)](#)
- [Zoom selected range of frames](#)
- [Pan across an axis \(x or y\)](#)
- [Open a Quick Reports window](#)

When zooming into or out of graph data, the display of grid lines in the view pane can be set to guide the eye toward the selected area of focus. Major grid lines remain at their normal weight, while any minor grid lines gradually fade. To obtain this behavior, open the **Options** dialog box (F7) and under **General View Options**, select **Graph**. In the **Properties** pane on the right, ensure **Show Minor Grid Lines** is selected.

Zoom an axis (x or y)

All component graphs in a single workspace maintain the same scale for both the x- and y-axes. The x-axis is shared across all components, but each component has its own y-axis. The y-axes may show different ranges, but represent the same number of values.

- Offline: The portion of the specific component trace displayed in the view pane is centered around the point where the mouse was clicked. All other component views are scaled by the same amount, with the vertical range centered on the median value of the visible portion of all the selected traces.
- Live: The x-axis, the workspace is centered around zero, keeping zero on the right edge of the workspace and changing the values displayed on the left.

Zoom selected range of frames

- Offline: The y-axis displays only the selected area of the specific trace and the x-axis displays only the selected frames.
- Live: This type of zooming in the x-axis is disabled to ensure that the live frame is always on the right of the graph.

Pan across an axis (x or y)

- Offline: Each component in the y-axis can be panned independently.
- Live: Panning in the x-axis is disabled to ensure that the live frame is always on the right of the graph.

Open a Quick Reports window

In addition to displaying a Graph view, you can also open a **Quick Reports** window (press F4), which enables you to display multiple graphs of model outputs normalized over the gait cycle. For more information, see [Quick Reports](#) in the *Vicon Nexus Reference Guide*.

Shortcuts for working with the time bar

Use the following hot keys and mouse actions to work with the time bar at the bottom of a view pane:

- [Timescale displayed in timeline](#)
- [Time bar data displayed in view pane](#)
- [Event identification mode in timeline](#)

Timescale displayed in timeline

| Task | Keys and mouse |
|--------------------------------|--|
| Slide timeline left | Middle-click + drag left |
| Slide timeline right | Middle-click + drag right |
| Select range of frames to zoom | ALT and right-click + drag across frames |
| Zoom scale in | Right-click and drag right or up |
| Zoom scale out | Right-click and drag left or down |

Time bar data displayed in view pane

| Task | Keys and mouse |
|---|-------------------------------------|
| Start/Stop data playback | Middle-click |
| Jog forward/backward through data playback | Rotate mouse wheel forward/backward |
| Move Current Time Cursor to specific frame | Click frame in the timeline |
| Move Start Range Frame Cursor back to zero frame of trial | Click cursor |
| Move End Range Frame Cursor back to last frame of trial | Click cursor |
| Go to the previous frame | LEFT ARROW |
| Go to the next frame | RIGHT ARROW |
| Go to the first frame | HOME |
| Go to the last frame | END |
| Go forward 10 frames | PAGE UP |
| Go backward 10 frames | PAGE DOWN |
| Go to frame <number> | CTRL+G |
| Set Region of Interest | CTRL+D |

Event identification mode in timeline

| Task | Keys |
|--|------------------------|
| Enter/exit event identification mode (where the time cursor follows the mouse) | CTRL+E |
| Go to the previous event | CTRL+LEFT ARROW |
| Go to the next event | CTRL+RIGHT ARROW |
| Lock/unlock event context (In event identification mode, select desired Left, Right, or General event context on timeline; subsequently moving the mouse forward or backward does not change context.) | UP ARROW or DOWN ARROW |
| Display context menu (after event context locked) | ENTER |
| Highlight command from context menu | UP ARROW or DOWN ARROW |
| Select highlighted command from context menu | ENTER |
| Move event to next frame | ALT+RIGHT ARROW |
| Move event to previous frame | ALT+LEFT ARROW |

Shortcuts for gap-filling

Use the following hot keys to speed up gap-filling and correcting swapped marker labels:

| Task | Keys |
|---------------------------------|--------|
| Select next gap | CTRL+8 |
| Select previous gap | CTRL+7 |
| Spline fill | CTRL+U |
| Spline fill all | CTRL+I |
| Pick source for pattern filling | CTRL+9 |
| Pattern fill | CTRL+O |
| Pattern fill all | CTRL+P |
| Pick source for rigid body fill | CTRL+J |
| Rigid body fill | CTRL+M |
| Rigid body fill all | CTRL+, |
| Pick segment for kinematic fill | CTRL+K |
| Kinematic fill | CTRL+L |
| Kinematic fill all | CTRL+. |
| Cyclic fill | CTRL+; |
| Cyclic fill all | CTRL+' |
| Swap marker labels | CTRL+T |

Shortcuts for using the Quality tab

Use the following hot keys to speed up working on the **Quality** tab, when using the **Data Correction** view type:

| Task | Keys |
|----------------------------------|---------|
| Show/hide unlabeled trajectories | CTRL+F3 |

| | |
|--|-------------|
| Show/hide trajectory names | CTRL+F4 |
| Move to next gap for selected trajectory | CTRL+8 |
| Move to previous gap for selected trajectory | CTRL+7 |
| Move to previous trajectory | CTRL+PgUp |
| Move to next trajectory | CTRL+PgDown |