WORKSPACE CONTROL

VDM 4 meets Stream Deck

Virtual Display Manager brings a flexible workspace engine to a physical control surface.



Illustrative Neo rendering. Actual interface captures appear on the following pages.

One button opens the workspace.

Add a single VDM 4 button to Stream Deck. Its automatic hierarchy exposes most VDM functionality through focused menus and live browsers, without building a separate button for every layout, display or command.

Change the workspace. Keep the flow.

Create pixel-perfect monitor splits, work with normal and maximized windows, adapt to monitor changes, switch Windows virtual desktops and share a selected display region. Stream Deck puts those actions within reach while VDM manages the workspace behind them.

Less restoring, dragging, resizing and re-maximizing. More direct control over the workspace you need now.

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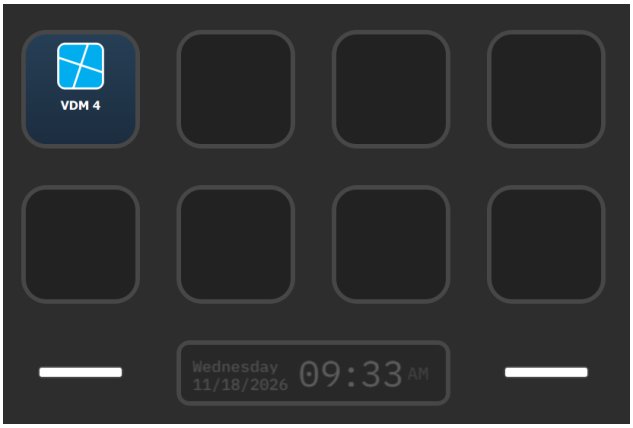
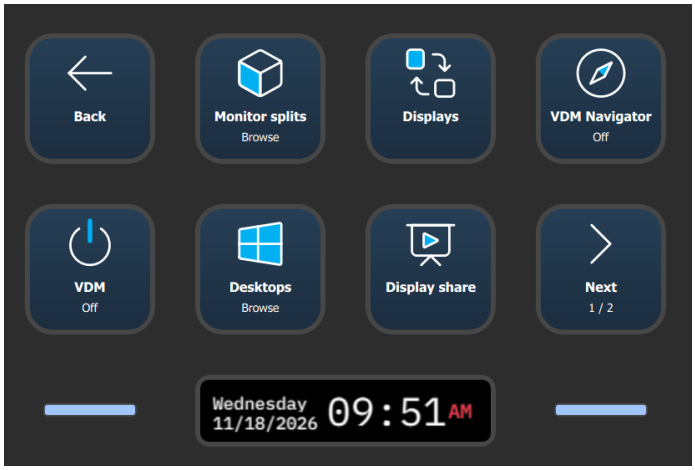
SIMPLE INTEGRATION

Start with one VDM 4 key

Use the automatic menu structure first. Add individual actions wherever a dedicated shortcut helps.



1 Add the VDM 4 entry key.



2 Open the workspace menu.

A hierarchy that does the organizing

The VDM 4 entry provides access to the main menu. Monitor splits, Displays, Desktops, Display share and Monitor snapshots open their own browsers. Back returns to the parent, while Next and Previous handle longer lists. You browse the current VDM workspace rather than manually assigning every object to a key.

Dedicated controls when you want them

Individual plugin actions can also be placed on a personal Stream Deck profile. Keep a frequently used command close at hand while the VDM 4 entry remains the route to the wider feature set. Personal profiles do not need to be rebuilt around the integration.

Settings stay within reach

The second root page brings together Configuration, Authenticator, Languages, Palette, Theme, Wallpaper and Monitor snapshots. Saved names remain recognizable; interface labels follow VDM language selection.

The root Infobar shows weekday, date and time. Weekday follows VDM language; date and 12/24-hour time respect Windows regional settings.

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SPLITS AND WINDOW CONTROL

Beyond ordinary window tiling

Define useful working regions and control the windows inside them, including maximized windows.



THREE DIRECT ACTIONS

Move a window or a group. Swap the windows in two displays. Keep normal and maximized windows in the workflow.

Pixel-perfect splits, shaped around your work

A monitor split divides physical monitors into VDM virtual displays. Pixel-perfect boundaries support layouts tailored to the task and available space, avoiding the constraints of hardcoded equal halves, thirds or fixed monitor divisions. Save different splits and select them from the Neo browser.

Normal or maximized: no state-changing ritual

VDM is not limited to resizing and repositioning windows in their normal state. It can work with maximized windows inside virtual displays. Move a single window or multiple windows, or swap window groups between displays, without repeatedly restoring each window, dragging it, sizing it and maximizing it again.

Choose the scope, then the destination

Display tools offer Move, Swap and foreground-window movement. Group operations act on windows associated with the chosen displays; foreground movement targets the current window. Select the appropriate mode and display target from the browser.

A VDM virtual display is a region within a physical monitor. It is different from a Windows virtual desktop, which organizes separate sets of application windows.

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APPLICATION REACH

More than moving rectangles

Window state, application privilege and workspace context all matter when a control is expected to work.

Maximized windows are part of the workspace

Many window arrangements depend on applications remaining in a normal, resizable state. VDM 4 also manages maximized windows within virtual displays. The useful unit is the working region and its windows, not just a rectangle dragged to a new coordinate.

Privileged applications belong in the workflow too

VDM 4 can also handle privileged applications through its authorized Windows integration. Windows Task Manager is a practical example: programmatically moving and resizing it is a useful test of application reach, because utilities without the necessary access may be unable to control it.

One window or several, with their working state intact

Use foreground-window movement for a single window, or display-level Move and Swap for groups. Normal and maximized windows are part of the workflow. This avoids the repetitive preparation that turns a simple workspace change into restoring, dragging, resizing and maximizing several applications by hand.

Continuity matters as much as placement

Changing a split should not mean rebuilding your arrangement from scratch. Monitor affinity carries maximized-window associations across split changes, while snapshots and topology associations address changes in the physical monitor setup. Stream Deck makes these operations readily accessible.

Practical example: include Task Manager alongside ordinary applications when evaluating window-control behavior on your own workstation.

Privileged application control uses the required Windows access and an authorized VDM installation. It is not a bypass of Windows security or a promise of control over every protected system surface.

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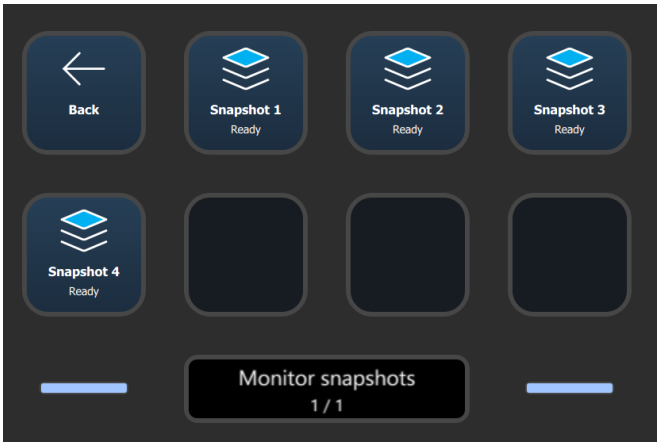
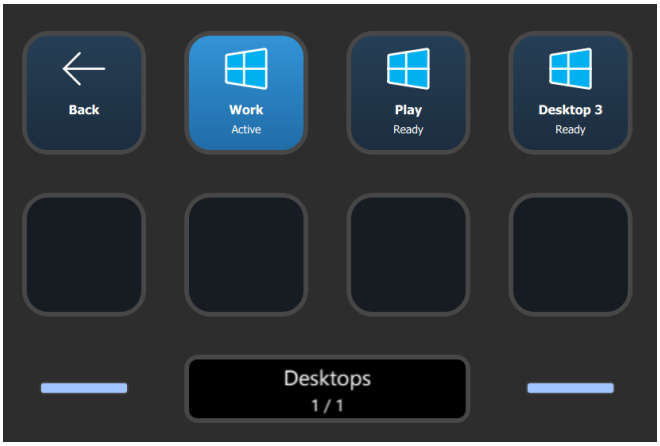
WORKSPACE CONTINUITY

Let the workspace adapt

Monitor affinity, monitor snapshots and virtual desktops address different layers of workspace change.



Physical monitor snapshots



Windows virtual desktops

Monitor affinity preserves the intended place

When the active monitor split changes, monitor affinity keeps a maximized window associated with its virtual-display ID. Where possible, VDM also preserves or restores the position and size of normal windows. The aim is to keep useful window relationships as the workspace changes, reducing manual rearrangement.

Snapshots extend flexibility to the hardware layout

Monitor snapshots save physical-monitor arrangement and state, rather than an image of the screen. Recall a saved setup for a docked workstation, an undocked laptop or a supported mirrored arrangement. Snapshot associations can bring the corresponding monitor split into use, connecting physical topology to the intended workspace.

Virtual desktops add a separate organizational layer

Switch Windows virtual desktops from Stream Deck to move between work contexts, while VDM splits define the regions within each monitor. Use both: one controls which desktop you are working in; the other controls how its available screen space is used.

Results depend on connected hardware, available display modes and application behavior. Normal-window restoration is best effort; monitor affinity is not a universal guarantee for every application and topology.

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PRESENTATION AND COLLABORATION

Switch the view. Keep sharing.

Share a useful VDM region containing the windows you need, then switch the selected display instantly.



ONE-TOUCH SWITCHING

Press a numbered display to change the VDM sharing surface immediately. The selected display is highlighted; Show IDs helps locate the right region.

Disable share closes the VDM surface when you are done.

Beyond one window or an entire screen

A VDM virtual display can contain several related windows. Share that working region instead of choosing a single application window or exposing an entire physical monitor. Organize the windows in the region, then select the VDM sharing surface in the meeting application.

Change what is shown, without rebuilding the share

Switch from one numbered display to another from the Neo sharing browser. VDM updates its sharing surface, making it practical to move between a demonstration, reference material and another working region without repeatedly managing individual application-window selections. Confirm the meeting app remains attached to the chosen VDM surface.

Useful feedback at a glance

The Infobar shows local time, elapsed duration for the current display selection and ON AIR with its display number. Switching the selected display resets the duration. The indicator confirms an active VDM sharing surface; it does not detect whether a meeting application is broadcasting.

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AN EVERYDAY WORKFLOW

Less tinkering. More continuity.

A physical front end for the workspace changes that interrupt focused work.

01 Arrive and connect

Dock the laptop or connect the displays available at the desk. Recall an appropriate monitor snapshot and its associated split, where configured.

02 Choose the working layout

Select a saved pixel-perfect monitor split for analysis, development, operations or another task. Monitor affinity keeps maximized windows associated with their virtual-display IDs as splits change.

03 Reorganize directly

Move one window, move a group, or swap display contents. Normal and maximized windows remain part of the same workflow; there is no need to prepare every window manually first.

04 Present the right region

Open Display share, choose a display and capture the VDM surface in the meeting app. Instantly switch the selected sharing display as the conversation moves.

05 Change context or location

Switch Windows virtual desktops, recall a supported mirrored arrangement, or return to another saved monitor setup when undocking or changing workstations.

Getting started

Use VDM 4 on Windows with a compatible Stream Deck installation and the matching plugin. Add the VDM 4 entry action to a key, then explore the hierarchy. Prepare your monitor splits, snapshots and Windows desktops in VDM/Windows; the plugin gives you direct access to them.

This guide reflects the current Neo integration as of November 18, 2026. Screenshots show example names and states. Confirm supported versions, hardware coverage and distribution availability before using this guide as public installation guidance.

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