

# NComputing vSpace Pro Client for Windows (version 2.5.0)

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## RELEASE NOTES

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## PRODUCT RELEASE NOTES: NCOMPUTING VSPACE PRO CLIENT FOR WINDOWS (VERSION 2.5.0)

**Product:** NComputing vSpace Pro Client for Windows

**Version:** 2.5.0

**Premium features supported:**

Dual Monitor Support:

- Dual monitor support comes with vSpace Pro 11 without additional licenses.
- Dual monitor support in vSpace Pro 10 requires a separate dual display license to enable this feature.

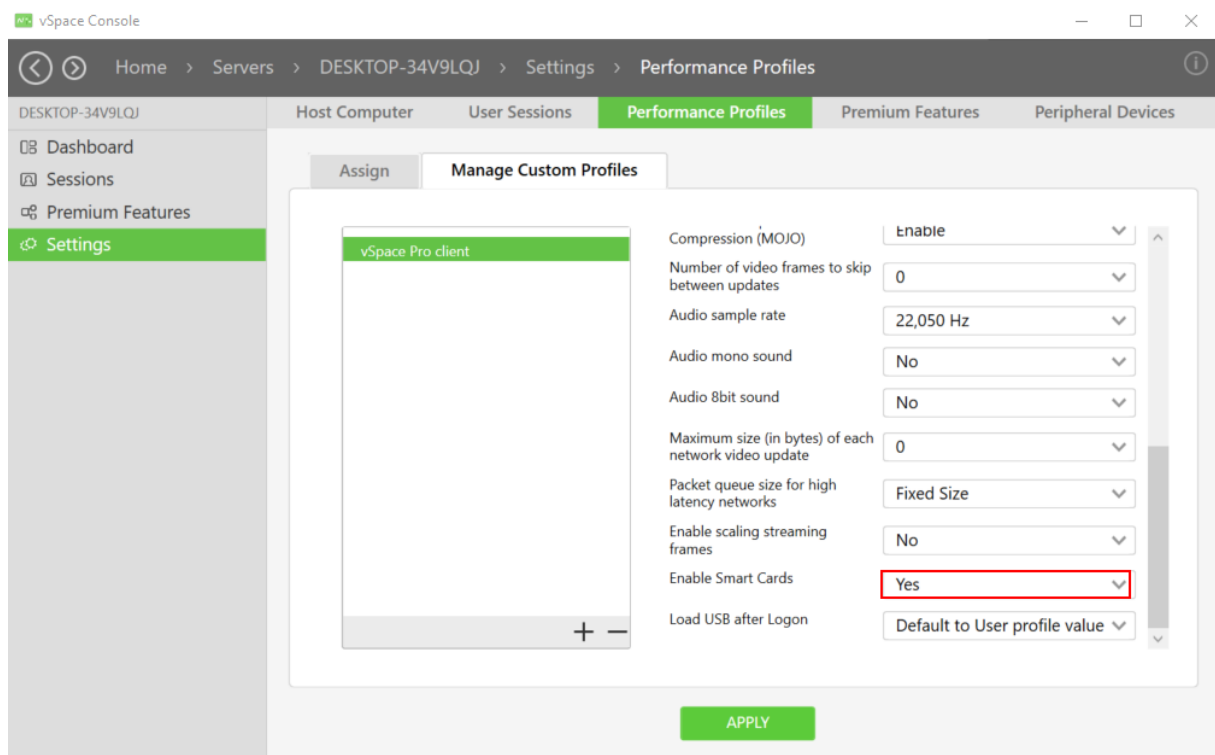
vCAST Stream:

- vCAST Streaming reduces server-side CPU usage when users watch web videos like YouTube or local media content and does so without the need for expensive GPUs. This technology results in higher quality video streaming without CPU bottlenecks, allowing for more concurrent users on your system.
- Access to vCAST Streaming feature:
  - vCAST Streaming feature in vSpace Pro 11 will automatically be enabled for customers who subscribe to Annual Maintenance Plan (AMP) for vSpace Pro 11.
  - vCAST Streaming feature in vSpace Pro 10 requires a separate vCAST license to enable this feature.
- vCAST Streaming Support Details:
  - vCAST Web Streaming support
    - Client-side rendering of HTML5 video contents (e.g. Youtube) played in Chrome browser
  - vCAST Media Streaming support
    - Client-side rendering of H.264-encoded video contents played in Windows Media Player or VLC Player.

Extended smart card support:

- If your organization requires smart cards for single sign-on, access control or other security-related measures, smart card reader is supported in vSpace Pro Client in vSpace Pro 11 environment.
- Access to smart card feature in vSpace Pro Client:
  - Prerequisites:
    - You must have an active Annual Maintenance Program (AMP) for vSpace Pro 11.
    - You must have corresponding smart card reader driver on the client computer where the vSpace Pro client is installed.

- Steps to enable smart card reader support:
  1. In vSpace Console, go to “Manage Servers”,
  2. Then select your vSpace Pro 11 server and select the “Settings’ menu,
  3. From the “Settings” menu, click on “Performance Profiles” and select the “Manage Custom Profile” tab at the top
  4. From this tab, click on “+” icon to add a new device Performance Profile and you will see a pop-up window,
  5. From the pop-up window, enter the new profile name for the vSpace Pro Client (any name that makes sense to you), and in the copy from parameter, select “RX-series and Software Client on a high-speed network”. Click “ADD” to complete the process,
  6. Then select the custom profile you just created, scroll down to “Enable Smart Cards” parameter and choose “Yes” to enable this feature. Click on “Apply” to finish the process. See screenshot below.



**Supported Operating Systems:**

- Windows 10
- Windows 8.1
- Windows 7 SP1 (64-bit)
- Windows 7 SP2 (32-bit)

**Supported vSpace Pro server versions:**

- vSpace Pro 11.x
- vSpace Pro 10.3 or later

## WHAT'S NEW?

This is a maintenance release of vSpace Pro Client for Windows.

New features and Issues resolved in this version include:

- New vCAST Media Streaming support - client-side rendering of H.264-encoded video contents played in Windows Media Player or VLC Player
- VCLN-1388 - Resolved vCAST Web streaming issue after changing Youtube video quality during playback.
- VCLN-1373/1371/1365- Enhanced video and audio performance of vCAST Media Streaming with VLC Player and Windows Media Player for vSpace Pro 11.
- VCLN-1363 - Further enhanced session stability during video streaming.

## IMPORTANT INSTALLATION NOTES ON THIS RELEASE

- **Licensing**

Use of vSpace Pro Client is licensed through vSpace Pro Client Access Licenses (vSCALs) which must be purchased for and allocated to vSpace Manager managing the vSpace Pro 10 or vSpace Pro 11 Servers you wish to access with vSpace Pro Clients.

An active Annual Maintenance Program (AMP) subscription for vSpace Pro 11 comes with five (5) complimentary vSpace Pro Client Access Licenses.

Each vSCAL entitles you to make a concurrent connection to a specific server. The vSCAL keys can be redeemed via the vSpace Manager. Also, refer to the vSpace Pro Client End User License Agreement (viewable during installation and available as an .RTF file in the NComputing vSpace Pro Client installation directory) for details on your usage rights.

- **Microsoft Remote Desktop Licensing is required**

Microsoft RDS CALs (for Server 2008 R2, Server 2012 R2 U1 and Server 2016) or WMS CALs (for Multipoint Server) are also required to use the vSpace Pro 10 and vSpace Pro 11 system in a multi-user configuration. You must also implement a Microsoft licensing server to enable connections. For more information on license requirements, see [www.ncomputing.com/mslicensing](http://www.ncomputing.com/mslicensing) and refer to the NComputing Knowledge Base for information on setting up a license server.

Refer to '[vSpace Manager Tutorial \(vSpace Pro\)](#)' for more detail on how to redeem vSpace Pro Client Access License keys.

## TIPS AND PERFORMANCE RECOMMENDATIONS

- **Performance Profile settings**

Be sure to use the vSpace Console of vSpace Pro 10 or vSpace Pro 11 and select the appropriate vSpace Pro Client performance profile for your environment ("RX-series and Software Client on a high-speed network" for LANs and "RX-series and Software Clients on a low-speed network" for WAN).

- **Clipboard**  
vSpace Pro Client supports a text clipboard and allows you to copy text from your local PC desktop and paste it into your session or vice-versa.
- **USB devices**  
USB devices are only enumerated to your local PC and not to the vSpace session.

## KNOWN ISSUES

The following vSpace Pro Client issues are known to exist in this product version:

- VCLN-1299 - vCAST Media Streaming: VLC player does not properly change the coordinates of the playback area after switching to full screen.
- VCLN-1279 - Lack of Media Foundation Platform libraries (MFPlat.dll) on Windows Servers and N and KN version of Windows desktop OSes disallows vSpace Pro Client launching.

**Workaround:** Installation of the Windows Media Feature Pack on the K or KN version of Windows desktop OSes or installation of the Desktop Experience feature on Windows Servers solves the problem.

## CONTACTING TECHNICAL SUPPORT AND ADDITIONAL RESOURCES

- Visit the NComputing Knowledge Base at <https://support.ncomputing.com/portal/kb> for more information, guides, and walkthroughs.
- To request Technical Support, please visit the NComputing Support page at <https://www.ncomputing.com/support/support-options>.

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