

10ziG

PEAKOS[™] REPURPOS[™]
NOS[™]

Tech & Firmware Notification

PeakOS[™] / RepurpOS[™] / NOS[™] - v16.5.39

August 6, 2025

General 16.5.39:

Changes to note in this release:

- NOS-V Change to NOS-O / Omnisia rebrand
- SCEP auto-renew fix, any customers using this option are encouraged to update to this release.
- Secure boot support
- New 10ZiG Secure Browser
- Updated GUI / Color Scheme
- Improvements to boot speed
- Desktop optimizations and stability improvements
- Imprivata enhancements: AVD, RDP, and Entra ID support
- Added support for OpenVPN
- Added RDP Kerberos authentication protocol support
- Added Event Logger / Syslog Applet
- Teams PWA Support (via Addon)
- AVD – SDKv3 support, including smart card SSO support

Recommended Versions:

10ZiG Manager - **v5.4.2.0 or higher**

10ZiG Linux OS (NOS/PeakOS/RepurpOS) - **v16.5.39 or higher**

Client Versions

90meterN - 3.0.0.65

(S version available upon request for ALL builds)

Amazon Workspaces Client (WSP) - 2023.2.4580

(Available upon request)

10ZiG AVD Client 3.0.1 (2040)

(based on Microsoft SDK v3)

Chrome - 136.0.7103.59-1

Parallels (2X) Client - 20.2 (build 25889)

(PKOS and RPOS Only)

Anyware Software Client (formerly Teradici PCoIP Client) - 25.03.1

(PKOS and RPOS Only)

Anyware Software Client (formerly Teradici PCoIP Client) - 25.06.2

(Available as an Addon for PKOS and RPOS Only)

Citrix Workspace App - 2411

Citrix Workspace App - 2505

(Available as an Addon for PKOS, RPOS, and NOS-C)

Continued...

Cisco Webex (Formerly Teams) Plugin - 45.6.1.32593

(Available as a combined Cisco Webex and Webex Meetings Firmware addon. Older versions are available upon request).

Cisco Webex Meetings Plugin - 45.2.1.2

(Available as a combined Cisco Webex and Webex Meetings Firmware addon. Older versions are available upon request).

Cisco JVDI Plugin - 14.3.1.308744

(Available as an addon only for PKOS, RPOS, NOS-C and NOS-O (formerly NOS-V))

ControlUp Real-Time DX Plugin - 2.3.2401.16

(Available as an addon for PKOS, RPOS, NOS-C and NOS-O (formerly NOS-V))

ControlUp EdgeDX Plugin - 2.17

(Available as an addon for PKOS, RPOS, NOS-C and NOS-O (formerly NOS-V))

Nutanix Dizzion Frame - 7.5.0

(Available as an addon for PKOS and RPOS Only)

Firefox - 91.7.1 ESR**FreeRDP - 2.9.0****Garrison SAVI App**

(Available as an addon for PKOS, RPOS only)

Inuvika OVD Client - 3.4.2

(Available as an addon for PKOS, RPOS Only)

Leostream - 4.0.1

(Available as an addon for PKOS, RPOS Only)

Liquidware - 6.7.0-3

(Available as an addon)

RingCentral VDI Plugin 23.2.30

(Available as an addon only for PKOS, RPOS, NOS-C and NOS-O (formerly NOS-V))

OmniSSA Horizon Client - 2503**Zoom VDI - 6.2.11****Zoom VDI - 6.4.11**

(Available as an addon)

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Known Limitations:

Horizon Client fails to properly adjust the remote desktop size to match the client when using the PCoIP protocol and connecting to a RDS host.

Work around: Use the Blast protocol. Pending additional investigation and fix from Omnissa.

Some devices may take longer to login to the broker when using the Horizon client 2412 or later. This issue has been raised with Omnissa and is pending additional investigation on their side.

Work around: Disable CRL checking in the Horizon configuration applet.

Devices updated to 16.5.38.3 or later from firmware version 16.3.35.5 or earlier, fail to open control panel applets.

Work around: Due to filesystem changes, when updating to 16.5.39 from any version prior to 16.5, please follow this upgrade path: 16.3.35.5 > 16.5.38 > 16.5.39.

If an Apporto connection was added in PKOS or RPOS prior to updating to 16.5.39, a stale connection will be left behind with a blank icon due to the connection being removed in 16.5.39.

Work around: Apporto is now available as an Addon, which will need to be applied separately after updating to 16.5.39 or later.

In rare instances with Imprivata enabled, the unit may display a blank, gray rectangle in the middle of the screen. The issue is timing related and when it is observed, it is seen right away on boot. This will be addressed in the next minor release (16.5.39.1).

Work around: A reboot of the device will clear the issue.

New Features/Enhancements

System

Desktop optimization and stability

Boot speed improvements

Power management improvements and new TLP option for battery powered devices

Improved battery life indicator

Added Wacom tablet driver

Added Event Logger / Syslog Support

Continued...

Security/Certificates

Added support for Secure Boot

General security enhancements and improvements

Set the default browser to be the 10ZiG Secure Browser

Added the ability to enable/disable the default browser in the Security Settings

Updated Root Certificates database

Removed the Import option from the Certificates applet

To import certificates, use the Install from USB option in the Security Applet or Import the certificates from the 10ZiG Manager's Web Console.

Certificate Registration Optimization

Display

Added 110% scaling option

Network

Improvements to Wi-Fi Captive Portal handling

Classless-static-routes option added to Advanced settings (disabled by default)

Added support for OpenVPN

Desktop

Renamed the modality "WBT Mode" to "Portal Mode"

Portal Mode: Power off button crashed the Connection Manager

Renamed NOS-V modality to NOS-O

Added Desktop icons highlighting on interaction / hover (PKOS / RPOS Full Desktop modality only)

Added "Local Win+L" option to lock the local PKOS / RPOS desktop when LDAP is enabled and in use

Added support for custom icons (PKOS/RPOS – Full desktop and Portal Mode modalities only)

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Imprivata

Added Imprivata support for AVD and RDP

Added Fingerprint reader redirect option to Imprivata configuration

Updated Circle family smart card readers driver (Imprivata MFR75A)

Imprivata MFR75 'do not redirect' setting failed to apply

Added Imprivata support for Entra ID

Removed "OneSign" references to align with Imprivata's rebrand of OneSign to Enterprise Access Management (EAM)

Added ability to hide username/password section of Imprivata launchpad

Sound

Default audio output level to 100%

Add-ons

Created Edge Addon 136.0.3240.50-1

Created Island Browser Addon 136.1.65.31-1

Created Teams PWA Addon

Created 90meter Addon 3.0.0.65

Converted Apporto Connection to an Addon

Created Zoom 6.4.11 Addon

Created Garrison SAVI App Addon

5250

Added 5250 printing CUPS support

Apporto

Added "Save Cookies" option to Apporto connection

Fixed Apporto looping issue when connecting to a desktop (requires Apporto Addon)

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MISC

Added support for 7300q

Integrated new 10ZiG Secure Browser based on CEF

Integrated Chrome 136.0.7103.59-1

Integrated Anyware Software Client 25.03.1

Showed “NOS Only” options when modifying the configuration of PKOS and RPOS devices from the 10ZiG Manager. These options are only relevant when PKOS/RPOS are in the related NOS modality.

Added template name and application date to System Information applet

Fixed Issues

Security

“Verify Certificate” label missing next to check box in LDAP configuration

SCEP daemon failed to auto-renew the enrolled certificate

PFX certs installed locally via USB are not retrieved in Manager

Display

2k resolution (2560x1440) missing when changing display settings from the Web Console

User confirmation prompt appeared when sending display settings changes down from 10ZiG Manager

Network

802.1x fallback mode erroneously disables wpa supplicant on successful radius authentication

Erroneously displayed incorrect password prompt when Switching Ethernet Cable from 802.1x Port to Unsecured Port

Infoblox DHCP Lease failed to renew

Wireless SCEP certificate renewal required ethernet to be configured with SCEP address

10ZiG Clients reverting hostname

Static route not retained on reboot

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Desktop

Sidebar/taskbar settings were getting reset on a reboot

Sidebar/taskbar was accessible on local authentication screen on boot

Wide Wallpapers Overlapping Adjacent Monitor in Portrait Mode when wallpaper position is set to "Center"

Screensaver may not keep all screens blanked on wakeup when a password is used

Blank screensaver shows ""blank" crashed with status 1"

Imprivata

In some environments, the password reset page used by Imprivata failed to display properly

Win+L key failed to lock a Horizon desktop when using Imprivata

Resolved issue where Imprivata logging was storing credentials in plaintext

Passwords reset through Imprivata failed to updated the password on the Imprivata appliance

Sound

Combined audio output does not play audio from every device

PulseAudio failed to route sound to default output device

Unable to change default audio device when dual monitors are connected

5250

F1 button is not registering on iSeries screen on newer units

5250 emulator. The roman number session switch buttons from toolbar are not working.

5250 emulator: add missing font

Auto sign-on failing with SSL encryption enabled on 5250 connection

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MISC

Multiple Inuvika login prompts when using kiosk modality

Webex Plugin became disconnected after switching to the NOS-O modality in PKOS or RPOS

Improvements to template handling that contain printers

Prevent opening new windows using the mouse middle click with the 10ZiG Secure Browser

Zoom SVB (Smart Virtual Background) was not being properly set

Chrome failed to get certificates imported into its database

Anyware Software Client (formerly Teradici PCoIP Client) on PKOS doesn't show the session on two screens when you select full screen on both screens.

This issue is resolved by changing the Window Manager version found in the Advanced tab of the Desktop applet.

Firefox corrupted profile handling

Keyboard Layout intermittently changing

Mouse/Trackpad acceleration is noticeably different, with the 7500q having much faster acceleration than the 7500qTAA

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RepurpOS™ v16.5.39**New Features/Enhancements**

Secure boot support for 3rd party devices

Moved to GRUB2 bootloader

Fixed Issues

Taskbar would sometimes fail to load on boot

RPOS installer causing devices to hang on boot

RPOS installer failing to boot on Lenovo ThinkPad E16 Gen 2

HP ProBook 455 g7 shows Black screen after upgrading to RPOS 16.5.38

HP ProBook 455 G7 - touchpad support

Add support for Surface Laptop 4 keyboard/touchpad

Desktop failed to load on IGEL UD2 with Intel Atom E3815 processor

VMware Workstation 17 RepurpOS - NIC does not automatically start

vCenter Virtual Machine fails to load Xorg when built from RPOS-64-72_16.5.36.iso

vCenter Web Console unable to move mouse RPOS VM (16.5.36)

Continued...

Citrix PeakOS™ / RepurpOS™ / NOS™-C v16.5.39**New Features/Enhancements**

Integrated Citrix Workspace App 2411

Changed default Citrix connection type to WebAPI

Created Citrix Workspace App Addon 2505

Updated the Olympus Virtual Channel/Drivers

Added support for populating published apps as desktop icons with WebAPI connection type (PKOS / RPOS – Full desktop modality only)

Update Citrix connection type PNAgent label to prepare for feature deprecation from Citrix

Fixed Issues

Leverage Citrix Workspace App cache files to improve load time with the Self-Service connection type on subsequent connections

OpenGL drop-down menu for H265 was being set incorrectly

WebAPI generates random "DeviceID" for each connection compared to Self-Service which uses the device hostname

Drives redirected using Client Drive Mapping (CDM) failed to populate in the session

Citrix HDX Webcam failed to function in session with 4600q

Changing the logging level in the Citrix Logger does not persist following a reboot

Launchpad fails to re-appear occasionally when ending a Citrix Workspace Session

Citrix ICA Client logs not included in log bundle

Philips virtual channel support

Continued...

Microsoft PeakOS™ / RepurpOS™ / NOS™-M v16.5.39

New Features/Enhancements

Integrated AVD SDK v3

Various enhancements to AVD Smart Card Login

Improvements to AVD SSO

Added session end key for AVD

Added automatic reconnect after connection loss option for RDP

Added Kerberos authentication protocol support for RDP

RDWeb connection type: Show a progress bar while connecting desktop/app

Fixed Issues

In AVD the mouse cursor vanishes on occasion in certain applications like Outlook

Various fixes to AVD Smart Card Login

Imprivata applet sometimes failed to show on NOS-M

Time zone out of sync for Arizona during DST

“Host was unreachable” error would sometimes appear when AVD was set to launch automatically on boot

Direct RDP Load Balancer information failed to populate when a Gateway was not specified

Webcam LED light remains illuminated even after camera is disabled during Teams video call in AVD

Cannot use percentage signs in password with RDWeb

FreeRDP does not consider port number in RD Gateway address

When you enable the connection bar in NOS-M the tab key no longer works within the AVD session

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Omniisa PeakOS™ / RepurpOS™ / NOS™-O (formerly NOS™-V) v16.5.39

New Features/Enhancements

Integrated Omniisa Horizon Client 2503

Changed NOS-V to NOS-O to reflect VMware rebrand to Omniisa

Enhanced "Retry on Error" logic to handle additional errors in the horizon client log

Changed Connect Once checkbox to "Close Broker Window at Session End"

Fixed Issues

Using HTML5 MMR caused local device slow down and in some circumstances factory reset due to excessive caching from the Horizon client

7100q sometimes would crash to a black screen or exit with a VDPCONNECT_FAILURE error when using Teams Optimization within a Horizon session

Launchpad background would sometimes be blank

Remove the Omniisa Logo when a custom launchpad background is in use

Omniisa Horizon Client failed to work with SAML Login Type

Unable to log in with MFA if using special character in password

USB redirection was broken with Horizon client 2406

Not possible to select control panel icon in Sidebar/taskbar

Remove deprecated RDP options from Horizon configuration settings. Horizon client 2412 and later no longer supports the RDP protocol.

Cannot connect to Horizon with 2-factor

Touchscreen does not work in VDI published application

Multiple Devices with the Real-Time Audio-Video appears to be non-functional

Applying a template generated after config and reboot results in the Horizon Applet open behind the Launchpad