

# 10ziG

PEAKOS™ REPURPOS™  
NOS™

Tech & Firmware Notification

PeakOS™ / RepurpOS™ / NOS™ - v16.5.38

October 14, 2024

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### **General 16.5.38:**

This version includes several fixes, enhancements, and improvements. One noteworthy change Admins should be aware of is a change to the default configuration of the VNC settings in the firmware. To continue with 10ZiG's "Security First" approach, The VNC setting "Show Accept/Reject Dialog box" has been enabled by default in this version. This means, before shadowing can start, a user must accept the connection. For devices that are updated from a previous firmware version, this setting will not change unless the device is factory defaulted. This setting can be quickly changed by editing the configuration of the device in the web console or by generating a new template off the latest firmware and pushing it to the updated clients.

Additional changes in this release include a new default wallpaper, an updated Linux kernel, improvements to the boot process, and a new RPOS ISO builder to allow Admins to create a custom ISO based off the configuration settings and/or installed Firmware Addon when live booting RPOS. Furthermore, there were further changes for the 7500qTAA Series, which include defaulting to ModeSetting graphics driver for improvements with Hardware Acceleration as well as Touchpad changes for speed and acceleration, as well as two finger scrolling.

Finally, this version includes support for Fabulatech USB / Camera / Audio / Scanner Redirection available for Microsoft AVD/W365 and Remote Desktop Services. More information can be found here:  
<https://www.10zig.com/tech-partners/fabulatech-partnership/>.

Please read through the full changelog below for the full list of fixes, enhancements and improvements in this release.

### **Recommended Versions:**

10ZiG Manager – **v5.4.0.0 or higher**

10ZiG Linux OS (NOS/PeakOS/RepurpOS) – **v16.5.38 or higher**

### **Client Versions**

**90meter** – **3.0.0.58**

*(S version available upon request for ALL builds)*

**Amazon Workspaces Client (WSP)** – **2023.2.4580**

*(Available upon request)*

**AVD** – **2.0.5 (1723)**

**Chrome** – **121.0.6167.184**

**Parallels (2X) Client** – **19.4.0 (build 24965)**

*(PKOS and RPOS Only)*

**Anyware Software Client (formerly Teradici PCoIP Client)** – **23.08.1**

*(PKOS and RPOS Only)*

**Citrix Workspace App** – **2311**

**Cisco Webex (Formerly Teams) Plugin** – **44.4.0.29960 / 44.6.0.29928 / 44.8.0.30457**

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

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**Cisco Webex Meetings Plugin – 44.2.1.6 / 44.6.2.3**

(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-V)

**ControlUp Real-Time DX Plugin – 2.3.2401.16**

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

**ControlUp EdgeDX Plugin – 2.14-4341**

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

**Nutanix Dizzion Frame – 6.16.0**

(Available as an addon for PKOS and RPOS only)

**Firefox – 91.7.1 ESR****FreeRDP – 2.9.0****Inuvika OVD Client – 3.3.1**

(Available as an addon for PKOS, RPOS Only)

**Leostream – 4.0.1**

(Available as an addon for PKOS and 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-V)

**VMware Horizon Client – 2312****Zoom VDI – 5.16.10****Zoom VDI – 5.17.11**

(Available as an addon)

**Known Limitations:**

In rare cases, after updating a 4648qv to 16.5.38, the desktop fails to load when 2x DP monitors are attached. This will be resolved in the next minor release, 16.5.38.1.

**Workaround:**

A) Remove one of the DP monitors and reboot the unit. Once the unit is up, the second display can be reattached.

B) When performing the firmware update from the 10ZiG Manager, check the option “Reset to factory default first”. Do not apply a template generated from a previous firmware version.

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## New Features/Enhancements

Enabled Show Accept/Reject Dialog box in the VNC settings by default.

Updated to Kernel 6.9.7.

Updated the default wallpaper to Cubes 3D.

Integrated FabulaTech into base firmware.

Integrated Zoom VDI Plugin 5.16.10.

Added support for WPA3 Access points.

Integrated 90meter library version 3.0.0.58.

Added language translation support for Imprivata interfaces.

Improved docking station support for 7500qTAA, including support for the Dell WD19S docking station.

Enabled “Detect Wi-Fi public sign on” option by default for improved Captive Portal support.

Several On-Screen Keyboard (OSK) improvements.

Added the ability to populate attached display info to be available via the Web Console.

Added “TearFree” option to the Display Applet, enabled by default.

Added additional logs to log bundle when downloaded from the 10ZiG Manager.

Updated SafeNet middleware to support IDPrime 930.

Added the ability to use the Sidebar/Taskbar with Imprivata.

Added prompts when an incorrect password is set for an SSID.

Added support for systems with multiple graphics cards.

Allow the printer applet to be accessible when control panel is locked down.

Added AD password reset option when using LDAP.

Added AD password close to expiration notification when using LDAP.

Added ability to disable built-in webcam and microphone on 7500qTAA / 7500q. These options can be found in the Security Settings applet.

Disabled CTRL, ALT, and FN keys in Firefox.

Added Logoff button to close any open VDI clients.

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Boot process improvements.

Series 9 NHS Smartcard support.

Changed default touchpad settings for 7500qTAA.

Moved Microsoft Connection settings login fields from the General tab to the new Login tab.

### **Fixed Issues**

Integrate Wi-Fi LED indicator fix for 7500qTAA.

Lag spikes caused by manager broadcast on 7000q series (7072q/7048q)

Amazon Workspaces (AWS) client can't access the webcam.

Fixed a memory leak in netcs.

Fixed addons failing to update or add their relative GUI elements.

Disabled Add button in the network applet when no wireless card is detected.

Added "Transmit lock timeout" option in Smart Card Service applet to resolve instances where smart card logon got locked during Windows authentication with SafeNet.

"Use LDAP credentials" option was not working with the Direct RDP connection.

SCEP enroll new certificate button was not working with a wireless connection.

Security settings local user authentication - if passwords do not match, no password mismatch popup appears.

Printer settings were not captured in a template.

Google Chrome browser flashes when playing video on the 7500qTAA.

Fixed a typo on the control panel password prompt's tooltip.

Disabled avahi daemon.

5250 emulator does not allow for passwords longer than 10 characters with the sha-1 encryption algorithm.

4600q showed a blank screen when resuming from suspend.

Local Area Radius authentication failed when a wireless connection is also defined.

USB headset microphone disconnects when audio settings are changed with an active session.

Launchpad appears along with Imprivata login when certificate pushed via manager on the unit.

Disabled ability to reboot units with "IP\htmlgui" in a browser.

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Smart Card Service refresh causes the unit to hang when there are two of the same Smart Card Reader models.

Callback error on Network Config GUI.

Network Settings failed to release the IP address when changing networks.

Mobile Phone Hotspot with apostrophe in it is Undiscoverable.

Client firmware does not report FQDN to DHCP Server.

USB Devices parsing issue with duplicate devices attached.

Control panel icons have text cut off on bottom row after applying an addon.

Touchscreen cursor jumps to non-touchscreen monitor when both are in use.

Desktop icons flicker when adding/removing connections.

Secure Agent fails to connect when going through Cloudflare DNS proxy.

Encrypt credentials specified at the command line.

Screensaver password does not match the password the user creates.

Kernel messages seen on boot instead of splash screen.

Integrate latest Xorg fix for Intel N100/Alder Lake (7500qTAA) for ModeSetting Xorg Screen tear fix.

Series 9 NHS Smartcards support unable to integrate with Imprivata when "Inserted" into a SC reader.

HID Omnikey 5x21 (5321, 5421, 5021) smart card readers driver was missing.

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**RepurpOS™ v16.5.38****New Features/Enhancements**

Added the ability to create a custom ISO based off current RPOS configuration (live boot only).

Added the ability to dynamically change RPOS license (changing from FREE to PAID no longer requires a reboot).

Added support for Dell Wyse 3030 Clients where the eMMC was not detected.

Check RPOS License Expiration date in firmware.

**Fixed Issues**

No internal microphone on HP ProBook MT440 G3.

Unable to clear RPOS license with a factory default.

Local HTML applets showed blank when RPOS was ran on hardware with Alder Lake chipset.

Firmware update fails when using PAID RPOS license.

Set the RPOS installer disk space check to 3600MB instead of 4000MB.

Spelling mistake on the RPOS USB utility.

Unbootable USB live RPOS after upgrade.

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**Citrix PeakOS™ / RepurpOS™ / NOS™-C v16.5.38****New Features/Enhancements**

Changed the default value of AudioRedirectionV4 to TRUE.

**Fixed Issues**

Citrix Desktop Screen does not refresh when session launched.

Remove CDM GUI option from Citrix configuration GUI.

Remove deprecated Speed Screen option from Citrix Configuration GUI.

Clicking the Login button twice caused Firefox to open (Receiver for Web connection type only).

Self Service - Desktop name field failed to auto-launch desktop.

Windows Key + L Does not work inside Citrix session when "Session End Key" is enabled/set.

Citrix Workspace Add Account pop up.

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**Microsoft PeakOS™ / RepurpOS™ / NOS™-M v16.5.38****New Features/Enhancements**

Added support for NLA/TLS Smart Card logon for Direct RDP connections.

Added support for 90meter N/S packages with latest library 3.0.0.58.

Changed Connection Type label 'Azure Virtual Desktop' to 'AVD/W365'.

Added Smart VB (smart virtual background) option to AVD configuration for Zoom.

**Fixed Issues**

Fixed frozen session when using “quick disconnect” for an AVD session.

Fixed an issue where debug logs failed to get created when using RDWeb connection type.

Unable to disable RDP Clipboard.

Auto-login failed on the first attempt when using RDWeb.

Username was always cached, regardless of configuration option.

Reboot/Shutdown on logoff caused infinite loop when connecting to session.

AVD client attempted to start before the network was ready.

Make the username field the field of focus for the launchpad.

Microsoft launchpad remains open after closing session.

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**VMware PeakOS™ / RepurpOS™ / NOS™-V v16.5.38****New Features/Enhancements**

Created drop-down for Kiosk Mode MAC Address.

Added “Auto-launch default URL” option, enabled by default. This option can be disabled to prevent auto-launching the connection on reboot.

Added an option in the VMware Login configuration tab to use the device’s hostname as the username.

Added “Retry On Error” option to the VMware configuration General tab. When “Auto Reconnect” is enabled, this option can also be set which will continuously attempt to connect to a desktop upon receiving a connection error from the Horizon client.

**Fixed Issues**

Added a prompt to specify the server address when attempting to launch a connection with an empty server address field.

VDPCONNECT\_FAILURE error when enabling HTML5 MMR.

HP MFP not working with SANE causing scanner redirection to fail.