

Securely Run Legacy Applications on Windows 11

Ensure even your most complex legacy and custom applications can run on all modern physical and virtual Windows desktop environments in a secure and compliant manner without sacrificing functionality or performance with Cloudpaging.



What our customers are saying:

“We’re going to Windows 11 on all devices we can. It will literally be an overnight experience”

– Mark West, Workspace Platforms Manager, Kingston University –

Windows 10 End of Support is October 2025

Microsoft announced Windows 10 end of support will be October 14, 2025 ([Microsoft, 2024](#)). With most desktop migrations taking between 12 to 18 months, now is the time to move. Of course, you must account for all your applications, including your most complex legacy, in-house, and custom applications.

Some Apps Simply Can’t Run on Windows 11

Many business-critical applications designed for unsupported operating systems (e.g., Windows 7 and Windows XP), are not inherently able to run on Windows 11.

From dependencies on legacy Java versions, obsolete Windows OS, or Windows compatibility mode to applications that hardcode file paths or registry hive locations, it can be difficult (if not impossible) for enterprises to run some of their business-critical applications on Windows 11.

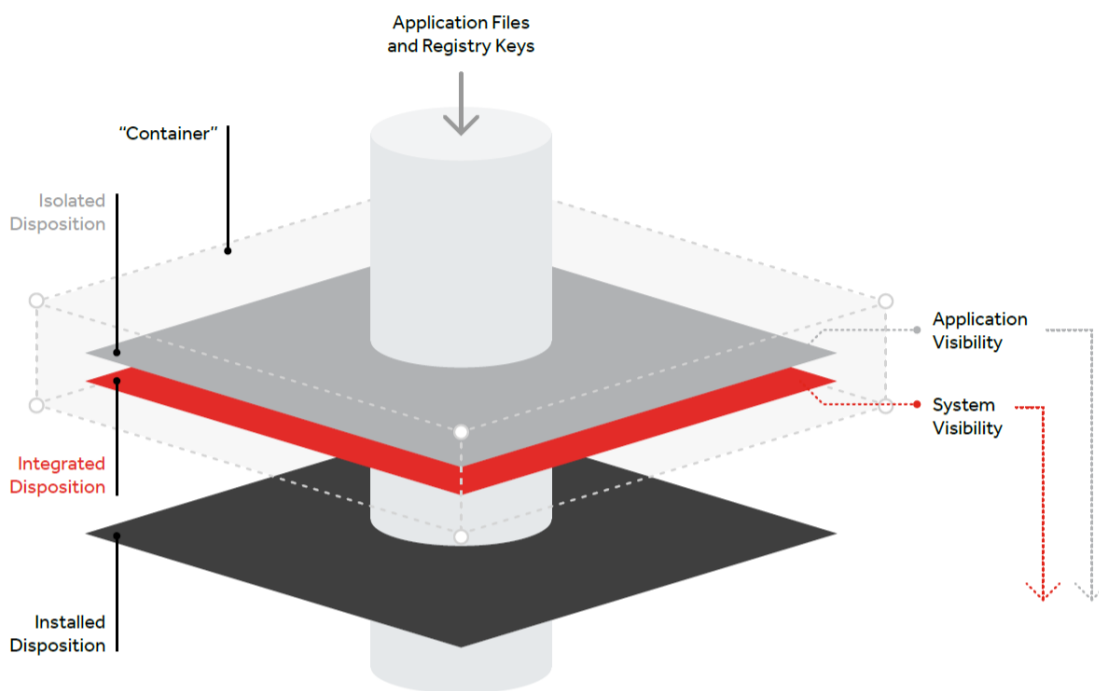
Lift and Shift to Windows 11 and Beyond

Cloudpaging enables you to package and deploy applications with their dependencies, including drivers, COM+ services, printers, and more. Cloudpaging containers can be reused across modern desktop environments, eliminating the need to create new packages for different Windows desktop environments or OS.

This streamlines your upgrade to Windows 11 while providing the agility to instantly adopt, migrate off, or migrate between on-premises and cloud-hosted desktop solutions, including Azure Virtual Desktop, Windows 365, Citrix VDI and DaaS, Amazon WorkSpaces, and VMware Horizon, without the need to repackage your application estate.

How Cloudpaging Maximizes Compatibility

Cloudpaging fundamentally differs from traditional application virtualization and layering solutions. By breaking down applications into fragments (“pages”) and dynamically provisioning them to end user devices as needed. Administrators can granularly select which application components to isolate from or integrate with the system leveraging Cloudpaging’s unique disposition layers (e.g., a single DLL file), as outlined below.



Isolated Disposition (Layer 4)

Assets are pagged into a “container” and only visible to the application itself, mitigating conflicts.

Integrated Disposition (Layer 3)

Assets are pagged into a “container” and visible to the application itself, as well as the local system and other applications, behaving as if natively installed.

Installed Dispositions (Layer 2 or Layer 1)

This physical disposition pages assets from the application onto the OS. You also have the option to restore original content upon deactivation.

How Cloudpaging Enhances Security



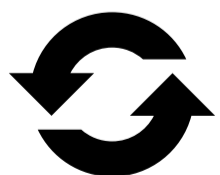
Application isolation

Cloudpaging provides granular controls over what application components to integrate to or isolate from the system. You may identify a single obsolete operating system component you want to isolate from the local system while enabling the rest of the application to maintain interoperability with the local system and/or other applications, or fully isolate the application.



Encryption in-flight and at-rest

Cloudpaging containers are encrypted with AES-256 Encryption in-flight and at-rest. They are also uniquely encrypted per machine. They can also be configured to prevent copying in or out of the container space, ensuring the integrity of the container and the local system, while maintaining functionality of your sensitive legacy applications.



Dynamic application provisioning, updates, and rollbacks

Cloudpaged applications can be dynamically provisioned, updated, rolled back, and removed from end user desktops without conflict. By virtualizing applications per user, you immediately reduce security risk, as only entitled users can see applications on their respective desktops. If there are any issues with an application update, apps can rapidly rollback to a known working state.

About Numecent

Simplifying the mobilization and management of Windows applications across modern desktop and multi-cloud environments, Numecent technologies enable the largest enterprises in the world to package and deploy thousands of applications to millions of end-users around the world in a friction-free manner every day. Learn more at www.numecent.com.