

Lift and Shift Applications to Windows on Arm

Why Organizations Are Embracing Windows on Arm

Windows on Arm (WoA) is Microsoft's most significant move toward supporting non-Intel devices. Windows devices powered by Arm-based processors, such as Qualcomm's Snapdragon platform, provide drastic improvements in battery life, performance, and AI-ready capabilities.

These benefits make them ideal for students embracing the latest Windows devices, hybrid workforces, and organizations embracing AI-ready endpoints. That said, enterprises still experience adoption hurdles of old: legacy and complex application compatibility issues.

Cloudpaging Maximizes Application Compatibility on Next-Gen Devices

Numecent technologies can run natively on Windows on Arm, enabling seamless packaging and deployment of legacy and modern applications to Windows on Arm architectures without any code changes or feature loss, whether designed for x86/x64 or Arm64 architectures.

Establish a Single Package Format for Intel and ARM Devices

Most enterprise environments rely on decades of legacy Windows apps that are difficult or impossible to migrate. Many were written for 32-bit or 64-bit x86 architectures, relying on outdated runtimes or have complex installer logic that create issues on modern OS.

Cloudpaging containers enable you to package these applications and dynamically provision them across x86/x64 and ARM64 devices without any changes.



Run Traditional x86/x64 Application on ARM64 Devices

Cloudpaging dynamically delivers and virtualizes x86 applications on WoA devices, enabling businesses to adopt modern hardware without rewriting or re-packaging existing apps.



Streamline Application Management

While Cloudpaging containers maximize application portability across Windows endpoints, Cloudpager provides a single cloud administrative console to orchestrate deployments across all your devices.



Enhance Security and Compliance

Numecent technologies feature end-to-end encryption, application isolation, rapid updates and rollbacks, audit logging, and automated software license policy enforcement to maximize security across all your Windows endpoints.



Reduce Support Tickets

Eliminating application conflicts and installer errors across physical and virtual Windows desktops, including newly provisioned ARM64 device, alleviates strain on support teams.

Common Use Cases

Here's how IT teams are leveraging Numecent technologies to explore the future of Windows desktops.

- **Field technicians** using legacy diagnostic software on Arm-based tablets.
- **Higher education institutions** enabling students BYOD (bring your own device) environments so they can leverage their preferred hardware without losing application access.
- **Engineering firms** deploying computer-aided design (CAD) and modeling applications to lightweight, AI-capable laptops.
- **Government agencies** accessing secure legacy systems on modern devices.
- **Enterprise IT teams** are extending the lifecycle of older business-critical apps while modernizing hardware fleets.

Ready to Get Started?

If you're evaluating Windows on Arm, there's no need for applications to delay your rollout.

Not sure how to get started packaging applications? That's what AI Packaging is for. Simply click the applications you want to containerize and let [Cloudpaging AI](#) handle the rest.

Request a demonstration with our Technical Solutions team at numecent.com/demo.



"We're thrilled to see partners like Numecent move quickly to enable application compatibility across all Windows device architectures, from Windows on Arm to Windows 365 and Microsoft Azure Virtual Desktop.

Their support for Windows on Arm helps accelerate enterprise adoption by removing barriers for legacy and modern applications alike, allowing organizations to fully embrace the next generation of Windows experiences."

Klaus Diaconu

*Partner Director of Product Management,
Windows Fundamentals*

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.