

numecent[®]

How to Accelerate Intune Application Deployments up to 20x

Leverage Numecent's Cloudpaging application container technology and Cloudpager's dedicated content delivery network (CDN) to achieve faster application deployments and updates.



Executive Summary

Organizations around the globe rely on Microsoft Intune to manage and secure their devices, applications, and data. While Intune is a powerful endpoint management platform, application deployments can often be slow, complex, and disruptive to end-users; especially when dealing with large installers, complex dependencies, or legacy applications.

Numecent's Cloudpaging® containerization technology integrates seamlessly with Intune to accelerate application deployments by up to 20x, while reducing packaging complexity and eliminating application conflicts. By virtualizing applications into lightweight Cloudpaging containers, IT teams can instantly provision even the most complex applications without repackaging, scripting, or relying on fragile MSI/Win32 installers.

This eBook explores how Numecent's application container technologies help accelerate, simplify, and scale application deployments across all modern Windows endpoints and operating systems.

Challenges with Intune Application Deployments

Intune has become the modern endpoint management standard. However, IT administrators face recurring challenges when deploying applications:

- ❑ **Large application packages** (hundreds of MBs to multiple GBs) create bottlenecks in delivery pipelines
- ❑ **Legacy and complex applications** are difficult to repackage into MSIX or Win32 formats
- ❑ **Application conflicts and dependencies** increase IT overhead and slow adoption of new platforms
- ❑ **Application update cycles** are time-consuming, largely due to poor image management practices, requiring full redeployments
- ❑ **User disruption** occurs when applications must fully install onto employee machines before they are usable
- ❑ **Packages using PowerShell script wrappers** add complexity by introducing inconsistencies, increased difficulty handling dependencies, and relying on dated underlying package formats while increasing risk due to human error

The results are long deployment times, stalled digital transformation projects, and frustrated end-users.

Accelerating Intune App Deployments Requires Modernizing Your Approach to Application Management

CLOUDPAGER Applications

Dashboard Applications Workbooks Storefronts Desktops Reports Audit Log

NAME ↑	VERSION	PUBLISHER	TYPE ↑
7zip	1	None	App-V
Adobe CC Suite	1	None	App-V
Audacity	1	None	App-V
AutoCAD LT R18.3	1	None	Cloudpaging
Beyond Compare	1	None	Cloudpaging

Containerize Everything™

Containerizing your applications is the key to maximizing application compatibility, portability, and deployment speeds across Windows endpoints and operating systems without source code changes.



Maximize Application Compatibility and Portability

Cloudpaging provides granular controls over which components to integrate to or isolate from the system (down to the file, registry, and driver level) to ensure even your most complex legacy and custom apps can run on any modern Windows desktop, including non-persistent desktops and multi-session operating systems.



Publish Containers in Intune as Win32 Apps with Detection Rules Automatically Set

Cloudpaging minimizes the base package required to deploy and launch applications via Intune, ensuring your largest applications rapidly auto-deploy at the next Intune refresh cycle, while automatically incorporating Intune's built-in management capabilities for consistency across all deployments.



Reduce Application Attack Surface

Leverage granular application component isolation controls, end-to-end encryption, per-user virtualization, automated software license policy enforcement, and more to protect applications in-flight and at-rest.



Establish Real-Time Application Usage Data

Leverage comprehensive application usage reporting to rationalize your software estate, including every app launch, the duration of use, which employees are using it, and the frequency of usage.



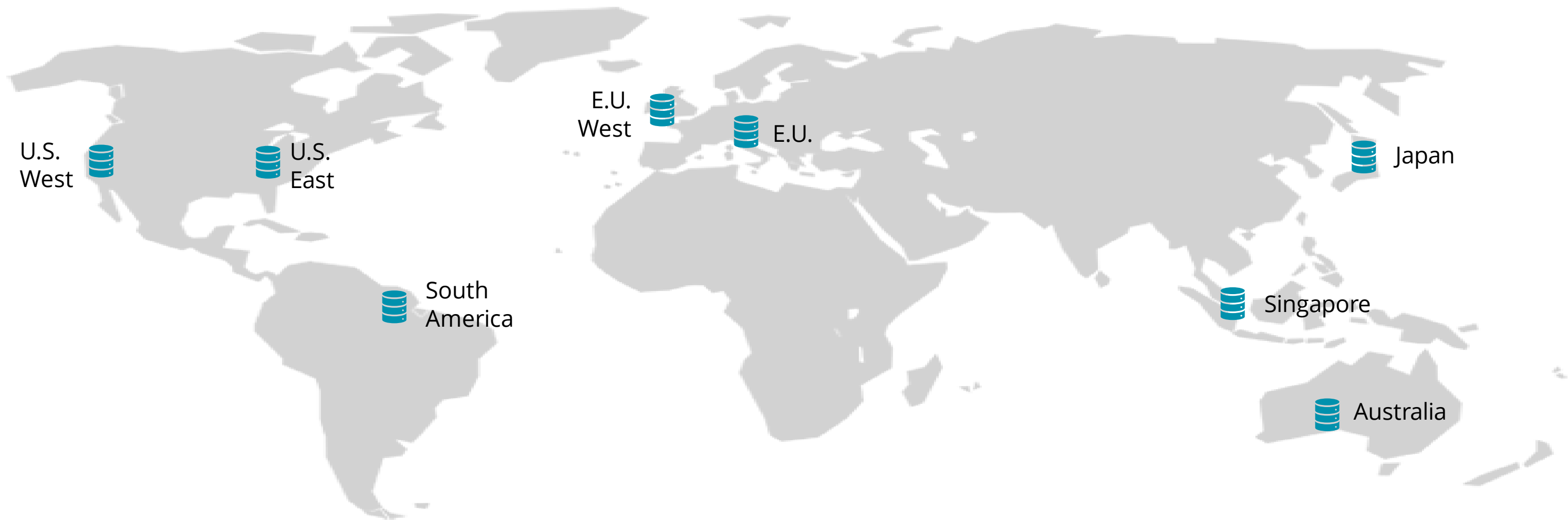
Customer Success Story

“Waterman boosted its software virtualization coverage to 98%, significantly enhancing the performance of substantial software suites like Autodesk, achieving remarkable speeds not previously attainable with software virtualization.”

[Read Case Study](#)

Leverage Cloudpager's Global Cloud Backbone

Cloudpager, the first and only cloud-native container management platform for Windows desktops, integrates directly to Intune and Entra ID, providing a dedicated SOC 2 Type 2 and GDPR-compliant content delivery network (CDN) to accelerate Intune application deployments up to 20x.



Retire Legacy Tech and Methods

Say goodbye to legacy application package formats, layering technologies, and installing applications directly into desktop images.



Setup.exe



MSI



App-V



Scripted Installs

Cloudpaging can package virtually any Windows application, including those App-V and script installs are unable to handle. This is how customers like Waterman packaged more than 98% of their application estate.

Unfortunately, there is not a native App-V package type in Intune like there was in Configuration Manager. However, Cloudpager has a fully automated App-V optimization service that ensures your existing packages can be deployed via Intune even after the App-V Full Infrastructure end of life (April 2026).



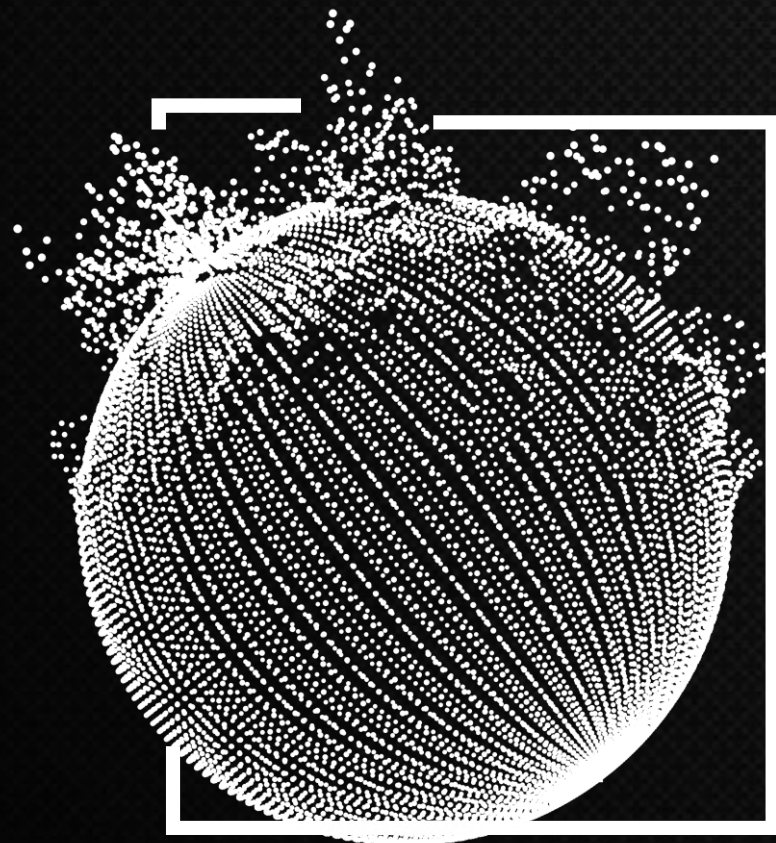
“Your traditional package types, such as .msi and exe, are suboptimal for all desktops. The advances in the decades since .msi was initially released, in terms of package formats and new tech, is huge. If you’re still working with .msi you know the problems with uninstalling, upgrading, and maintaining a performant environment.”

Jim Moyle

Principal Product Manager for
Windows Cloud at Microsoft

Reduce Packaging Time and Risk with AI

AI Packaging in Cloudpacer® transforms packaging from hours of work to a series of clicks, putting hundreds of application containers at your fingertips.



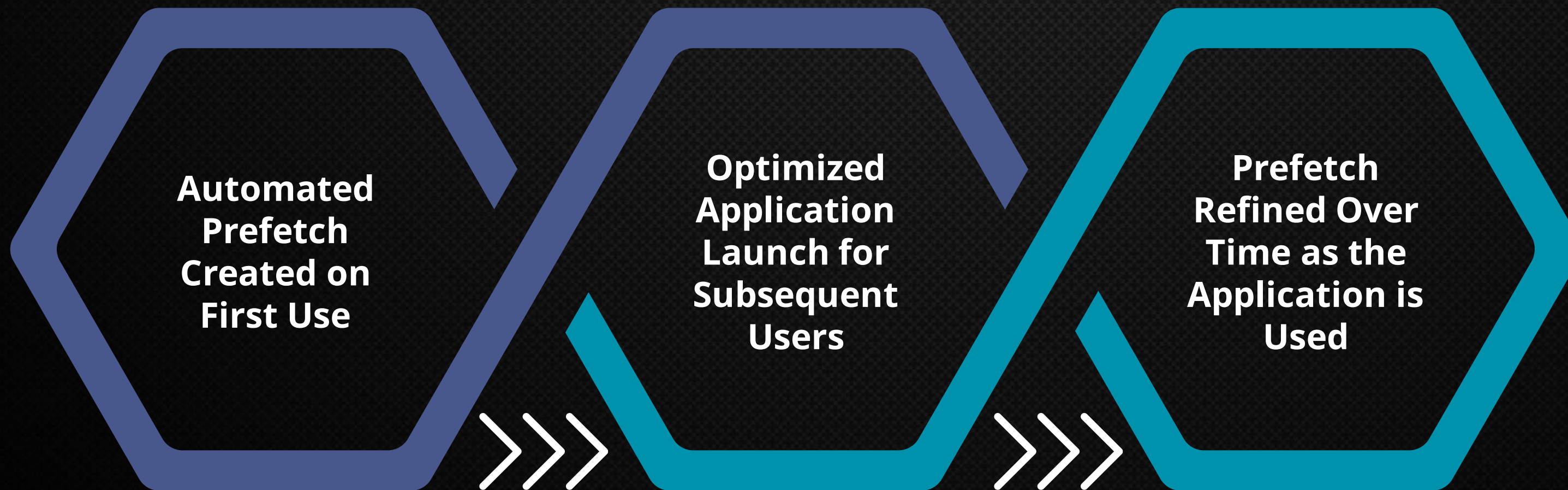
Click: Select the applications you want to containerize from the Cloudpacer administrative console or drag-and-drop install media on to the platform.

Containerize: Cloudpacing AI creates brand-new application containers for you based on application packaging best practices, then publishes them to your tenant.

Deploy: Provision application containers to any physical or virtual Windows desktop with full functionality in a friction-free manner.

Accelerate Deployments with Machine Learning

Cloudpaging containers leverage built-in machine learning (ML) capabilities to accelerate application launch times with each subsequent launch of an application, further accelerating Intune application deployments. That's how PTC reduced Creo, 3D CAD software with a 4.18 GB installer, application launch times from more than 30 minutes to less than 2 minutes ([read the case study here](#)).



What Does This Mean for Your IT Team?

Maximizing application compatibility, portability, security, and speed for Intune

- ❑ Accelerating Intune application deployments up to 20x
- ❑ Enabling IT to create hundreds of applications containers in minutes with AI Packaging
- ❑ Eliminating legacy application deployment issues
- ❑ Streamlining the application lifecycle across all Windows endpoints and operating systems
- ❑ Reducing the risk associated with application packaging and deployment
- ❑ Cutting application packaging, management, and desktop run costs up to 50%



Conclusion

Microsoft Intune is the modern endpoint management platform of choice, but its application deployment workflows can create significant IT bottlenecks. Numecent's Cloudpaging containers and Cloudpager platform unlock Intune's full potential by delivering applications up to 20x faster, with greater reliability, security, and scalability.

For enterprises facing Windows 11 migrations, legacy application challenges, or growing Intune deployment demands, Numecent provides the fastest path to successful application delivery.

To see the platform in action with our Technical Solutions team, request a demonstration at numecent.com/demo.

Additional Resources

- [Webinar: Hone the Speed and Precision of Intune with Cloudpager](#)
- [Guide: Windows 11 Migration Guide](#)
- [Whitepaper: What is Cloudpaging?](#)
- [Whitepaper: How to Securely Run Legacy Applications on Windows 11](#)

About Numecent

Numecent is an award-winning cloud technology provider headquartered in Irvine, California. The company's technology portfolio, built upon 67 patents (and counting), simplifies the mobilization and management of Windows applications across modern desktop and multi-cloud environments. Enterprises around the world – including the largest Fortune 500 companies, cloud service providers, and MSPs – leverage these technologies to package and deploy thousands of applications to millions of end-users in a friction-free manner every day.

To learn more about maximizing application compatibility across all modern and future Windows desktop environments, visit numecent.com.

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