numecent®
CLOUDPAGING DELIVERS

Cloudpaging Transforms Global Health Sciences Firm

Case Study

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Managing Thousands of Applications for a Global User Base

Discover how a leading enterprise healthcare solutions provider saved over $9.3 million dollars per year by adopting Cloudpaging.

Company Profile	Challenges	Benefits
Leading provider of innovative healthcare solutions	Complex legacy scientific applications that are difficult to manage	Deliver applications other vendors could not
Company Size: Global Enterprise	App-V unable to deliver applications	Significantly reduced application management and configuration issues
	Legacy web applications with IE9 and specific JRE requirements	Provide the latest technologies while still supporting legacy systems
	Physical and Virtual Desktops	Applications can be delivered to physical and virtual desktops located anywhere
		ROI savings over $9.3 million per year

APPLICATION VIRTUALIZATION NEEDED RELIEF

Our client is a leading enterprise global healthcare solutions provider with over 100,000 employees globally. Their employees needed access to any number of the thousands of applications utilized throughout the organization.

For their IT department, installing, configuring, and managing applications in an environment of this scale is exceedingly difficult, compounded by the fact that many of organization's products are highly regulated, increasing the need for compliance. Applications, which are often comprised of complex scientific software, must remain on the same version for the duration of a project, which may take years. During that time the employee may work on multiple projects, all requiring different applications. Managing conflicts, ensuring compliance, and controlling costs is a major issue.
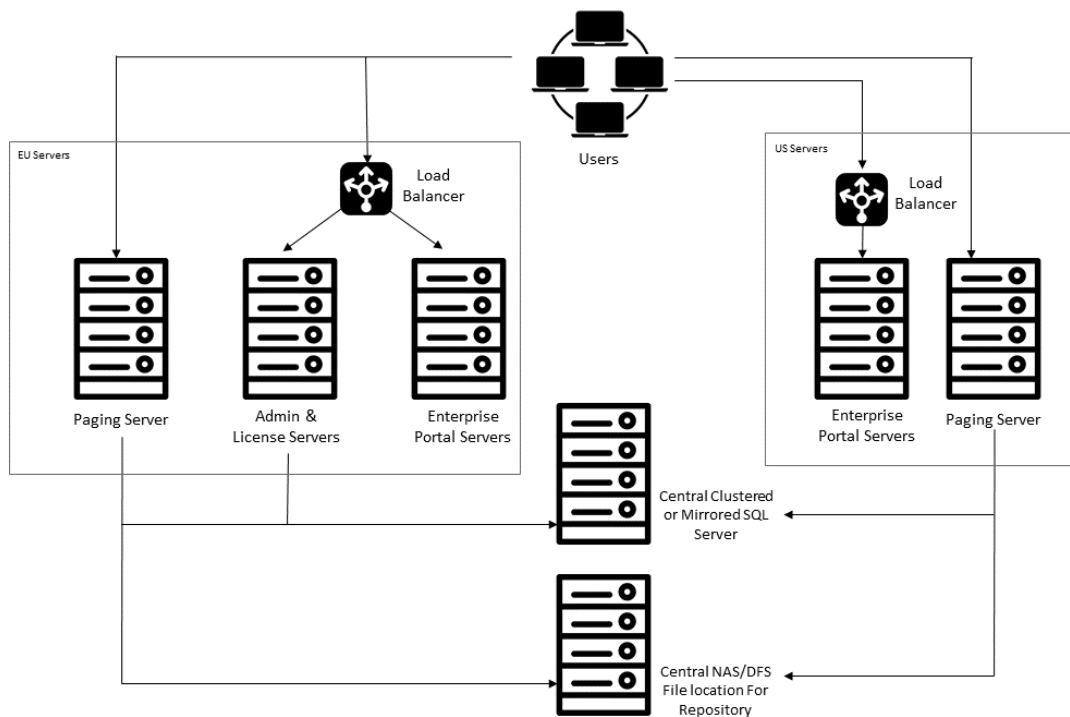
Leadership decided to utilize Application Virtualization to deliver a large subset of applications. Applications that App-V could deliver worked well in the client's environment, but App-V couldn't virtualize all applications as several contained drivers or interacted with other applications on the system. Although App-V helped address some of the application management issues, there was still a significant portion left to be addressed.

CURING APPLICATION ISSUES

The client picked a subset of 50 applications that App-V could not deliver for a group of approximately 8,000 users, including Internet Explorer 9 with a specific JRE for a use with a legacy web application, Adobe Standard, Microsoft Excel 2010, and custom built scientific applications.

Each individual application was packaged with Numecent's Cloudpaging Studio and uploaded to the organization's internal application store, with even the most complicated applications taking less than a day. An internal survey was conducted with a subset of end users for these 50 applications and feedback was obtained about their experience. Most did not realize anything had changed but did notice that application conflicts and version control issues had been eliminated.

The success of the trial led our client to expand the use of Cloudpaging to several thousand users and several thousand applications, eventually becoming the standard for application delivery internally. App-V is still in use and coexists with Numecent Cloudpaging.

A HEALTHY SOLUTION

By adopting Cloudpaging as the standard for application delivery, the organization was able to overcome all their application management challenges, providing the ability to virtualize, isolate, and manage applications.

Applications that could not be delivered by other vendors were virtualized and delivered to end user desktops without issue, regardless of the desktop target, a physical system, a virtual desktop in the organization's application repository, or located at one of the many campus locations.

IT Staff now are able to control application access and versions from a central location, eliminating conflicts for end users, guaranteeing project-based compliance, and increasing their productivity. Cloudpaging additionally assists staff with application management, providing the power to control user access, preconfigure software, and manage versions. Helpdesk tickets related to application issues has gone down significantly, further reducing costs. In all, the staff achieved savings of over $9.3 Million dollars per year just on packaging costs alone.

An estimate of the savings can be seen in the chart below:

Application Type	Cost To Package	Packaging Time with Cloudpaging	Packaging Time with App-V	Number of Applications Packaged per Year	Average ROI Savings utilizing Cloudpaging
Simple Application (Browsers, Productivity)	$100/hour per	1 – 2 hours per application	3 – 6 hours per application	250	$75K - $150K
Medium Complex Application (AutoCAD, Photoshop)	$100/hour per	2 – 4 hours per application	6 – 32 hours per application	1000	$300K - $4.4M
Very Complex Application (Legacy Custom Applications	$100/hour per	8 - 16 hours per application	40 – 320 hours per application	200	$560K - $9.3M

ABOUT NUMECENT
Numecent is a fast-growing software and cloud-services company pioneering application delivery. Numecent's Cloudpaging technology brings rapid, secure and friction-free provisioning of native applications from the cloud through virtualization and containerization.

Delivering solutions to Enterprise customers via the channel while also servicing Cloud providers and ISV's, Numecent has delivered cloudified applications worldwide reducing the pain points for application delivery while helping lower application deployment costs. Numecent was founded in 2008 and is headquartered in Irvine, California. More information can be found at www.numecent.com