

GO-GLOBAL DELIVERS LINUX-BASED HR SOLUTION FOR APPLICATION SOLUTION PROVIDER.



Dutch ASP Deploys GO-Global to Publish CVix Human Resources Application and Linux OpenOffice to Windows Clients.

Customer Solution at a Glance

Company Profile: Founded in 2002, Lindix markets human resources management application solutions to enterprises and HR consultants.

Business Need: Lindix needed a simple, inexpensive way to offer its Linux-based CVix applications to remote Windows users via an efficient ASP delivery model.

GraphOn Solution: Thanks to the cost-effective, server-centric GO-Global[®] solution, customers can now easily run the server-based applications from Windows PCs or any other clients, over any connection, from any location.

Results:

- Speeds time-to-market by instantly publishing CVix to the Internet without having to modify any code.
- Eliminates the need to run complex, high-bandwidth software such as Xvnc.
- Provides universal access over any Internet connection, even slow dial-up lines.

Headquartered in the Netherlands, Lindix b.v. is an independent software vendor (ISV) specializing in human resources management solutions. The company offers its CVix application suite to the HR segment of the enterprise market, as well as human resources consultants, employment placement services, and career retraining organizations. CVix is a Linux-based application suite developed via the wxPython open source programming environment.

To expand its market share, Lindix recently decided to offer a hosted version of CVix using an application service provider (ASP) business model. The company investigated available alternatives prior to deploying a Web-enabling application publishing solution powered by GO-Global.



Access to Applications Anywhere.

In order to offer CVix as an ASP-based service, Lindix first considered rewriting the CVix code as a native Web-based application. The firm quickly determined that such a redevelopment effort would not only be expensive, but would also take far too long to complete, thereby missing the identified market window.

Next, Lindix considered a “freeware” virtual network computing solution, such as running Xvnc on remote Windows clients to enable access to the centrally-running applications. However, such a solution would also be complex and expensive, and with its high bandwidth requirements, would not be feasible over high-latency Internet connections.

Google to the Rescue

“We needed a simple, elegant way to bridge our central Linux environment with our customers’ Windows environment,” said Lindix President D. J. Kniep. “We wanted to publishing our own applications and OpenOffice over the Internet, and we wanted a solution that would feel as much as possible like a local Windows application.”

Looking for a simple answer, Lindix conducted a search on Google. One common solution kept coming up: GO-Global for UNIX from GraphOn Corporation.

No Need for Client-Side X Servers

Lindix installed a free trial copy of GO-Global for UNIX and discovered that the fast, simple application publishing and Web-enabling solution provided instant cross-platform access to centrally running Linux applications from anywhere – regardless of connection, location, platform or OS.

Unlike Xvnc and other cumbersome, remote X solutions, GO-Global’s true server-based computing model runs X server software only on the Linux server, not on the clients. This greatly reduces system complexities, improves overall performance, and saves time, resources and money.

On the client side, customers subscribing to Lidix’s ASP service simply run an ultra-thin client consisting of a near zero-footprint native client, a browser plug-in, or a Java applet.

“Performance is perfect. We conducted load tests that indicate we can easily support up to 50 users heavily accessing CVix and OpenOffice on a single IBM xSeries 345 server running SUSE Linux version 10. The load generated by GO-Global is very low in comparison to the load generated by CVix.”

D. J. Kniep
Lindix b.v.

Fast Response Times

“We discovered that GO-Global provides excellent application response times, even over low bandwidth connections,” continued Kniep. “Fast performance is a must for us, because our application users are consultants and professionals who use the system on a day-to-day basis to plan and organize their work, write letters using OpenOffice, and generate invoices based on specific conditions stored in contracts on our server.”



Unique RXP Protocol

The key to GO-Global’s performance advantages, Lindix discovered, lies in GraphOn’s patented Rapid-X Protocol (RXP). RXP incorporates highly-efficient data compression technology – much better than remote X solutions. Only display commands are transmitted over the Internet from the server to the clients – not entire screen bitmaps. Conversely, only mouse and keyboard events are transmitted back to the server.

“The bottom line is that our users see 100% of the application’s features with quick response times, just as though CVix and OpenOffice were Windows apps running locally,” concluded Kniep. “And that’s what makes our ASP model work.”



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