

NOW AVAILABLE FROM IBM—TARANTELLA'S CROSS-PLATFORM SECURE APPLICATION ACCESS SOLUTION THAT HELPS REDUCE IT COSTS

Tarantella Secure Global Desktop Enterprise Edition available for IBM eServer xSeries with Linux

Access Anywhere

Today's decentralized enterprise demands that an ever-increasing number of knowledge workers have access to a growing number of mission-critical applications, from wherever they may be at any given time. For instance, more and more finance accounting professionals are working from remote offices and need highly secure access to their corporate financial systems from Windows® PCs or thin clients. Or take sales professionals that are increasingly home-office based and need to access sales and customer data via devices like PDAs. While anytime, anywhere application access is becoming a business imperative, concerns over issues such as user authentication, security, performance and application/client compatibility can stifle the efforts of even the best IT organizations in providing acceptable solutions.

Tarantella & IBM

To solve these problems, Tarantella® and IBM® have announced that IBM will offer Tarantella Secure Global Desktop Enterprise Edition™ software on its eServer® xSeries® with Linux®. According to Rob Sauerwalt, Global Brand Manager Software and Services, Systems and Technology Group at IBM, "Our customers are looking for complete, Linux-based solutions to reduce IT costs and consolidate infrastructure. Working with leading solution providers like Tarantella, we offer our customers integrated offerings that deliver exceptional value and help enhance Linux offerings in the enterprise."

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Global Brand Manager Software and Services
IBM Systems and Technology Group

Secure Global Desktop Enterprise Edition shifts application execution away from the client on to high-powered IBM servers dedicated to running applications. These 'application servers' can then be accessed securely from a wide variety of clients via the Secure Global Desktop Enterprise Edition server, itself running on a highly secure Linux distribution and IBM hardware.



MS Terminal Servers



UNIX/Linux Servers



Mainframe & Midrange Servers

RDP/ICA/X11/VT/5250/3270/SSH

Firewall



TARANTELLA
ENTERPRISE EDITION
installs on IBM eServer
xSeries with Linux here



DMZ

AIP/HTTP/HTTPS

Firewall



Enterprise Edition Architecture

In the graphic above the Secure Global Desktop Enterprise Edition server on the second tier communicates with the application servers on the third tier using native protocols. This includes X11 for UNIX® and Linux applications, RDP for Windows applications and TN3270E and TN5250 for IBM Mainframe and Midrange applications. The clients connect to the Enterprise Edition server using Tarantella's patented Adaptive Internet Protocol (AIP) over a secure SSL connection on the first tier. AIP ensures optimal performance over complex network routes with varying bandwidths, employing heuristics to determine the type of device and network connection in use, and dynamically adapts to optimize performance.

The Bottom Line

This architecture offers three primary advantages:

- Significantly Reduced IT Costs—applications are centralized on the application servers where they can be easily managed as opposed to being spread out on users' desktops around the world.
- Greater Flexibility—applications are executed on the platform and operating system version they were originally written for, but can be accessed by any client platform that Secure Global Desktop Enterprise Edition software supports.
- Higher Security—attempts at compromising the application servers need to go through an extra protocol and layer, making it more difficult to gain unauthorized access to the critical application servers.

The bottom line? IBM eServer xSeries with Linux is increasingly becoming the platform of choice for the Enterprise DMZ. The combination of IBM's systems with Tarantella Secure Global Desktop Enterprise Edition software provides a premiere Linux-based secure application access solution. Tarantella is an IBM business partner. For additional information visit: www.tarantella.com/ibm.