

2X Software

Take the Fast Track to Virtual Computing



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About 2X

- Founded in 2005 – develops software for the booming thin client/server-based computing (SBC) market
- Offers a comprehensive selection of "state of the art" SBC solutions
- Sells through its 1,200 member global channel partner network, including TechData Azlan, Insight, SHI, SoftChoice, PC Mall, Dell, and others



- Management team is backed by years of experience in developing and selling network infrastructure software

2X Office Locations



► Offices are positioned to reach key markets throughout the world

Thin Client / Virtual Computing Market is Growing

- In 2007, annual thin client sales jumped from 1.5 million to 3.4 million
- Projected annual 45% annual growth rate, with 20 million devices sold in 2012
- 20% of U.S. businesses are expected to use virtualization technology by the end of 2009
- Virtualization software sales projected to grow 43% in 2009 to \$2.7 billion
- Server virtualization management software sales projected to grow 42% in 2009 to \$1.3 billion

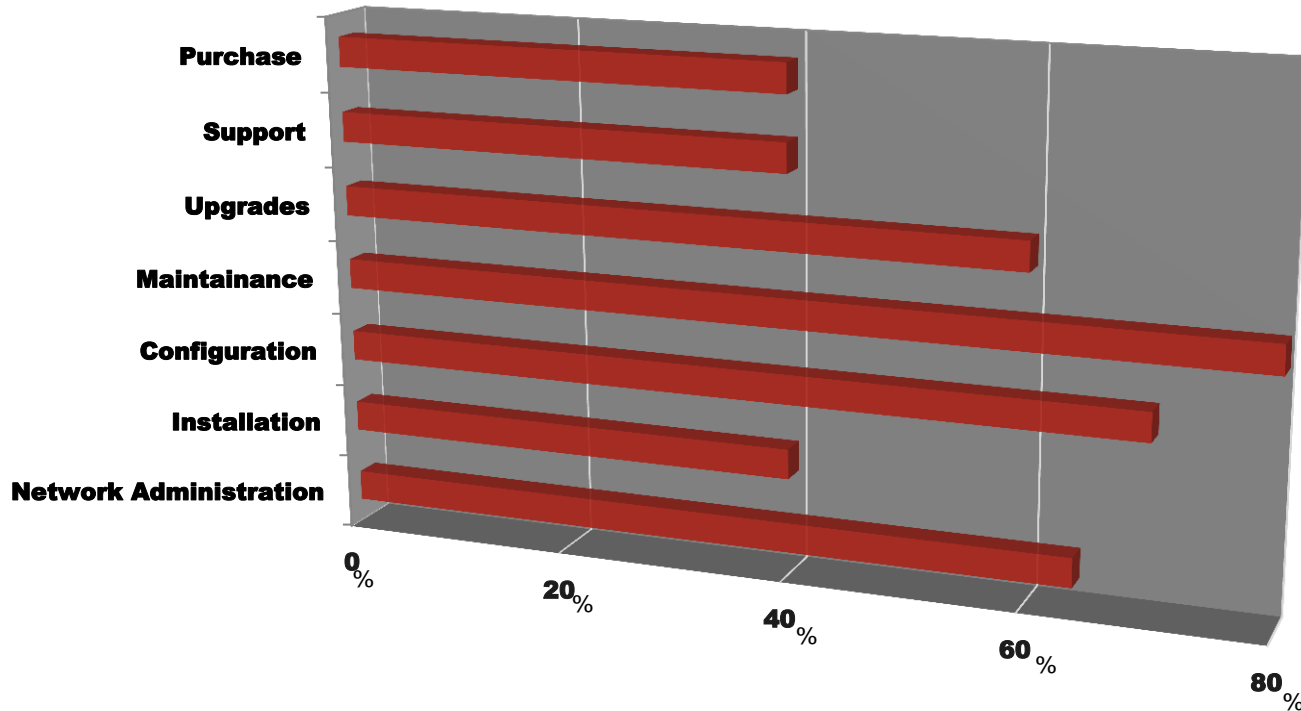
▶ **Virtualization technology will be increasingly used by U.S. businesses over time**

Advantages of Server-Based & Virtual Computing

- **Administration:** central management of applications and users, patches, software updates and upgrades, files and backups as well as hardware components
- **Security:** elimination of viruses, trojans or other client vulnerabilities, central management of security settings on the server and centrally-managed deployment of applications or files
- **Environmentally-friendly clients:** low energy consumption, low-emission, fewer components, smaller dimensions
- **Hardware clients:** vendor-independence, support of virtually all client devices and computer hardware, low system requirements, well-priced
- **Remote access:** dependable access to published applications from remote locations

Cost Reduction with Virtual Computing

Virtual Computing Cost Reduction by Function



▶ Virtual computing solutions can significantly reduce total cost of ownership (TCO) compared to PCs

Source: Gartner Group, Feb. 16, 2009

Advantages of Server-Based & Virtual Computing

- **Thin Client Hardware/Software:**
Software/hardware that supports communication protocols
Ex: Microsoft RDP, Citrix ICA, Linux NX or VNC
- **Desktop virtualization Software:**
Centrally hosted and managed virtual machines
Ex: Microsoft Hyper-V, VMware ESX, Oracle Virtual Iron
- **Terminal Server Hardware:**
Physical or virtual servers and blade servers
Ex: MS Windows Terminal Server, Citrix Server, 2X Linux Terminal Server, NoMachine Linux Terminal Server
- **VDI Management Software:**
Central desktop virtualization management
Ex: 2X VirtualDesktopServer, 2X ThinClientServer and 2X ApplicationServer
- **Stable LAN / WAN and Server Infrastructure**



2X Software Virtual Computing Solutions

2X ApplicationServer
for Windows Terminal Services

2X VirtualDesktopServer

2X LoadBalancer
for TerminalServices / Citrix

2X ThinClientServer



2X ApplicationServer for Windows Terminal Services



“We have Citrix in the past but were used looking for something more user-friendly. After examining its features, we decided to go forward with the 2X Application Server, because of its ease of installation and impressive cost savings.”

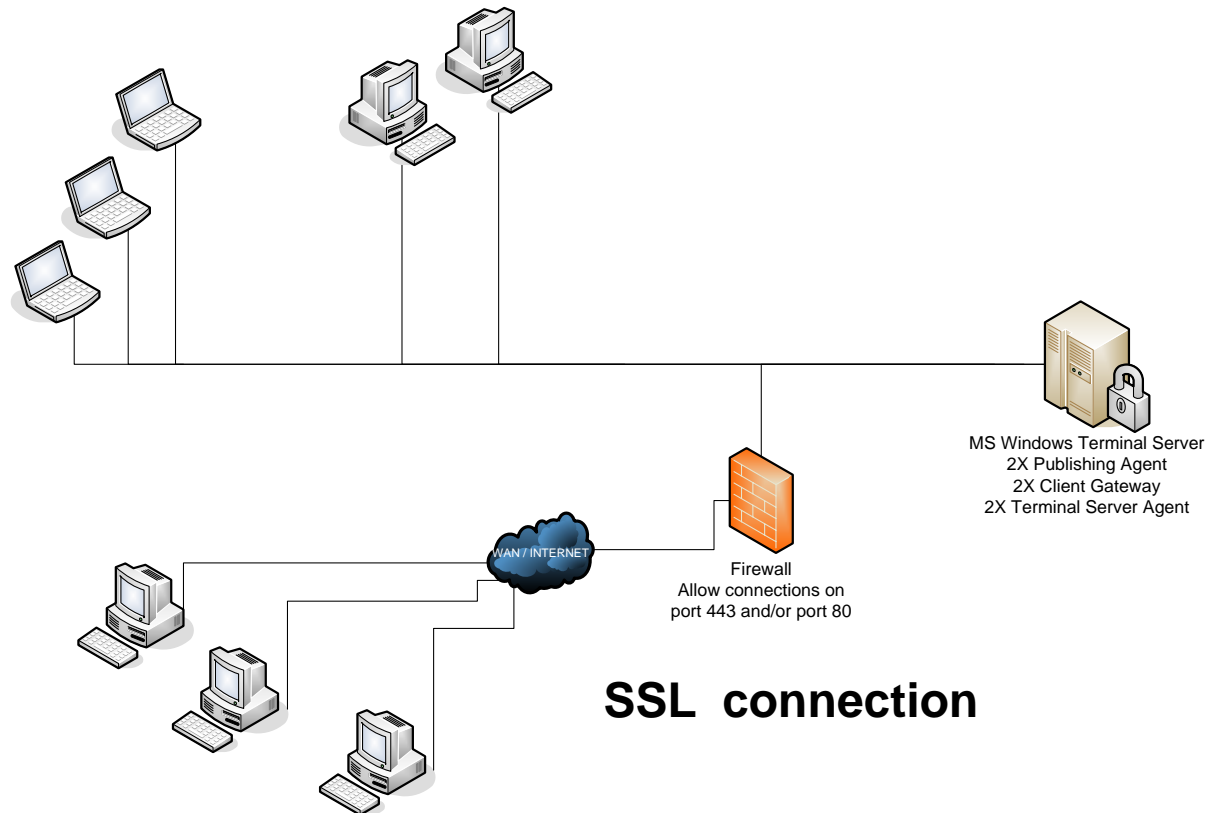
- Brian Kutz
System Administrator
John Q. Hammonds Hotels

Tunnel any Windows application onto remote desktops and save on administration & support

- Controlled and central publishing of Windows applications installed on a Microsoft Terminal Server
- Seamless integration with local desktop & taskbar (Seamless Window)
- Central administration/publication of applications based on username, group membership or IP, with Microsoft Active Directory access
- Copy and paste between local and remote applications
- SSL and two-factor authentication security
- Publish applications to Web interface
- Clients include Windows, Mac, Linux, XPe, CE, U3, PortableApps
- Universal Printing
- Multiple monitor support
- Windows 2008 R2 and Windows 7 ready

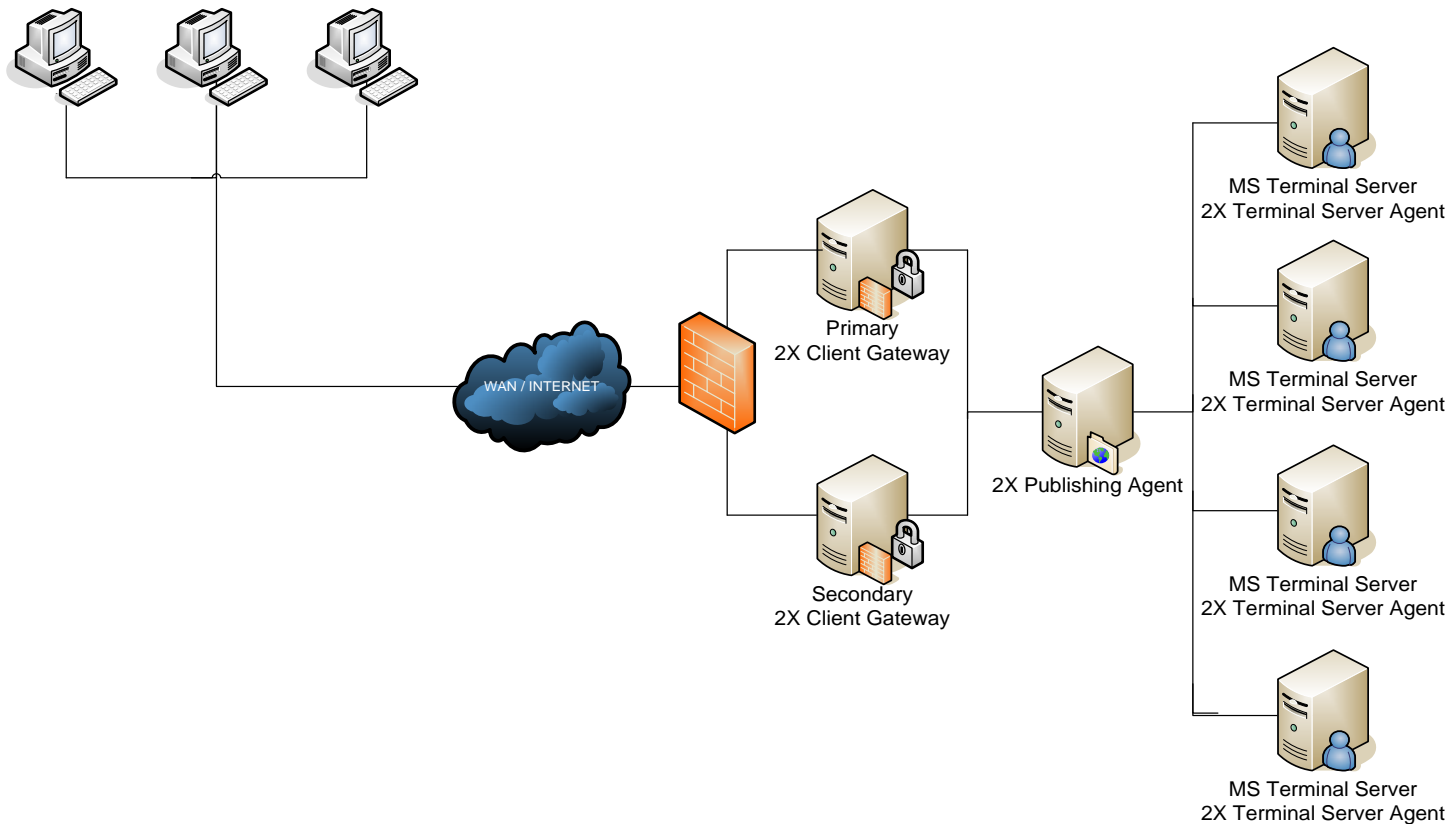
2X ApplicationServer: Single Terminal Server Solution

Solution to publish applications and desktops from a single terminal server.



2X ApplicationServer: Clustered 2X Client Gateway Solution

Solution to dedicate a machine to accept WAN RDP connection and another machine to accept a LAN RDP connection.



2X VirtualDesktopServer



“2X was my top choice due to its products’ price, flexibility, and ease of setup and administration. We now have many users who depend on 2X for their remote applications daily, and we are planning additional projects based on our 2X solution.”

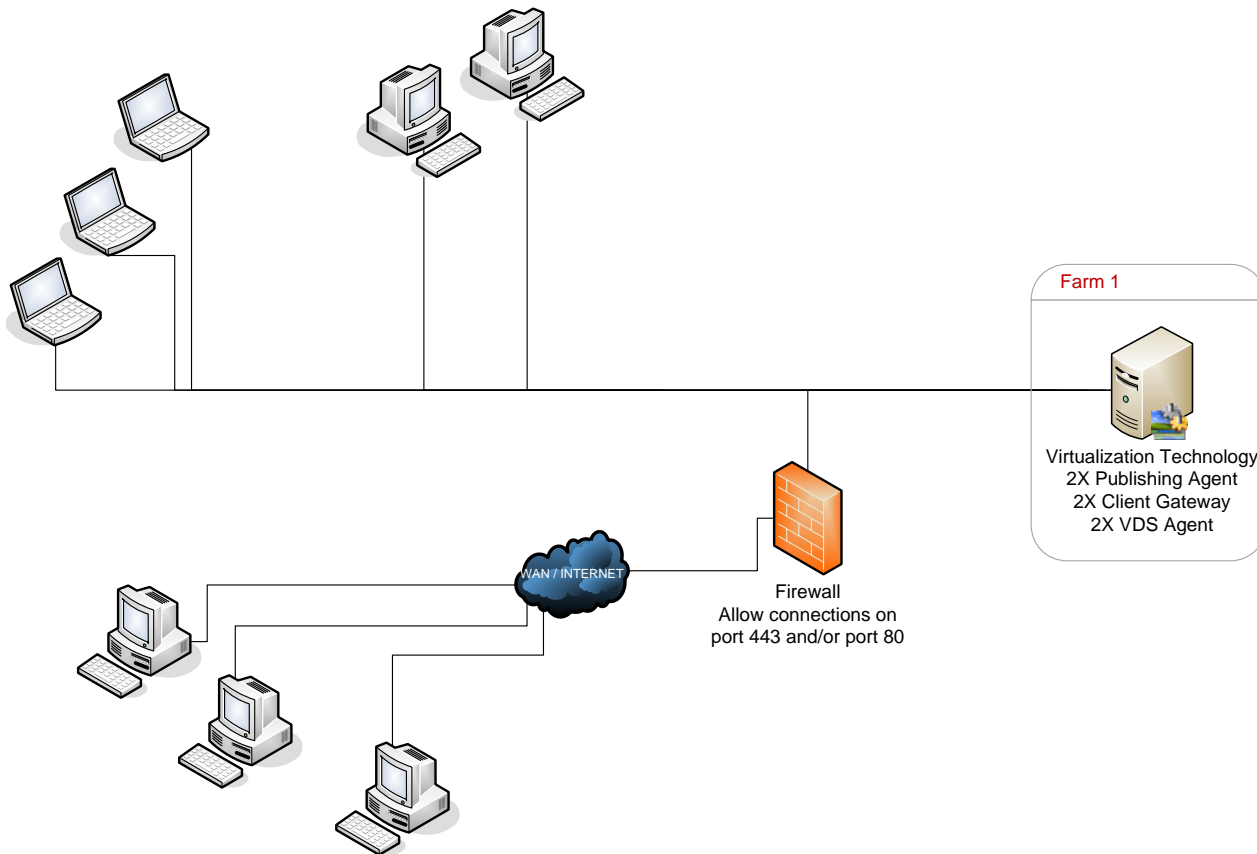
- Ron Sokol
Systems Engineer
Advance Auto Parts

Lower your overall operating costs by delivering secure, vendor independent virtual desktops and applications, accessible from anywhere

- Centrally-managed access to virtual desktops and applications - hosted on VMware, Hyper-V, Citrix Xen, Oracle Virtual Iron, Parallels, Sun Virtual Box and other leading virtualization platforms
- Use the same client to connect to virtual desktops and terminal server applications
- Automatically suspend inactive virtual desktops for maximum server efficiency
- Seamless integration with local desktop & taskbar
- Incorporates 2X LoadBalancer and ApplicationServer
- Clients include Windows, Mac, Linux, XPe, CE, U3, PortableApps
- Web portal
- Integrates with 2X ThinClientServer
- Windows 2008 R2 and Windows 7 ready
- 64-bit platform support

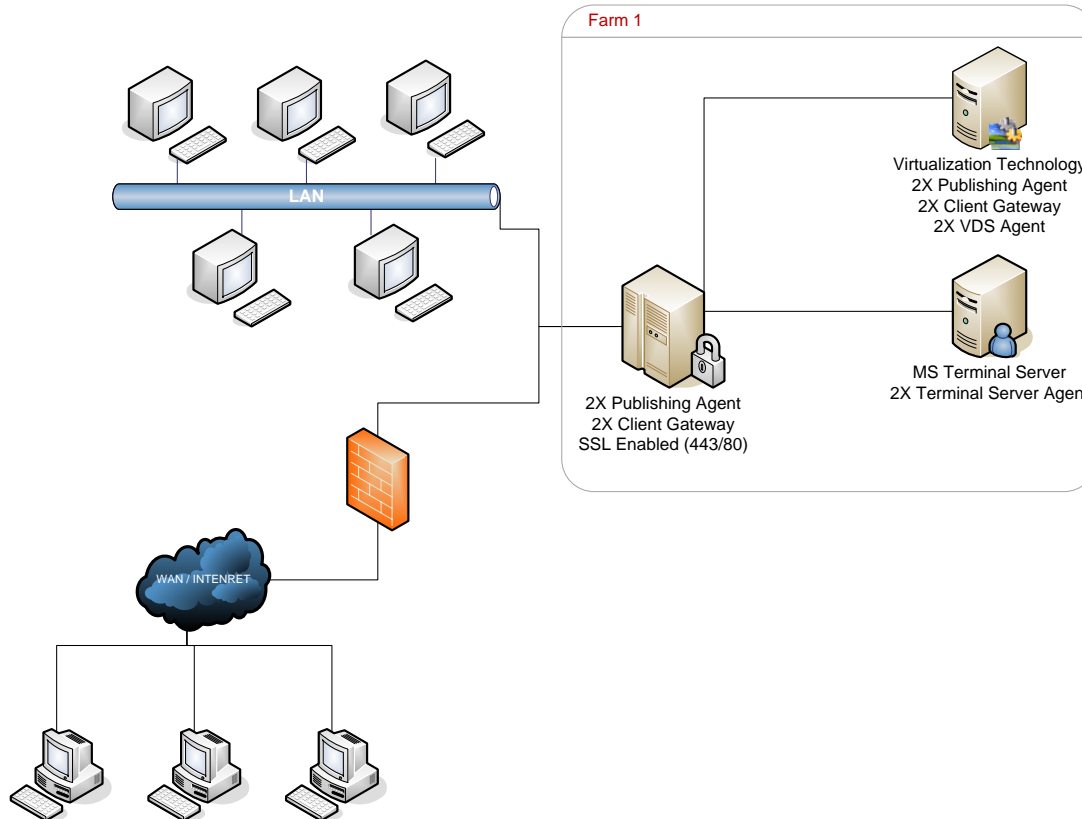
2X VirtualDesktopServer: Single Virtual Host Solution

Publishing virtual desktops from a single virtual host.

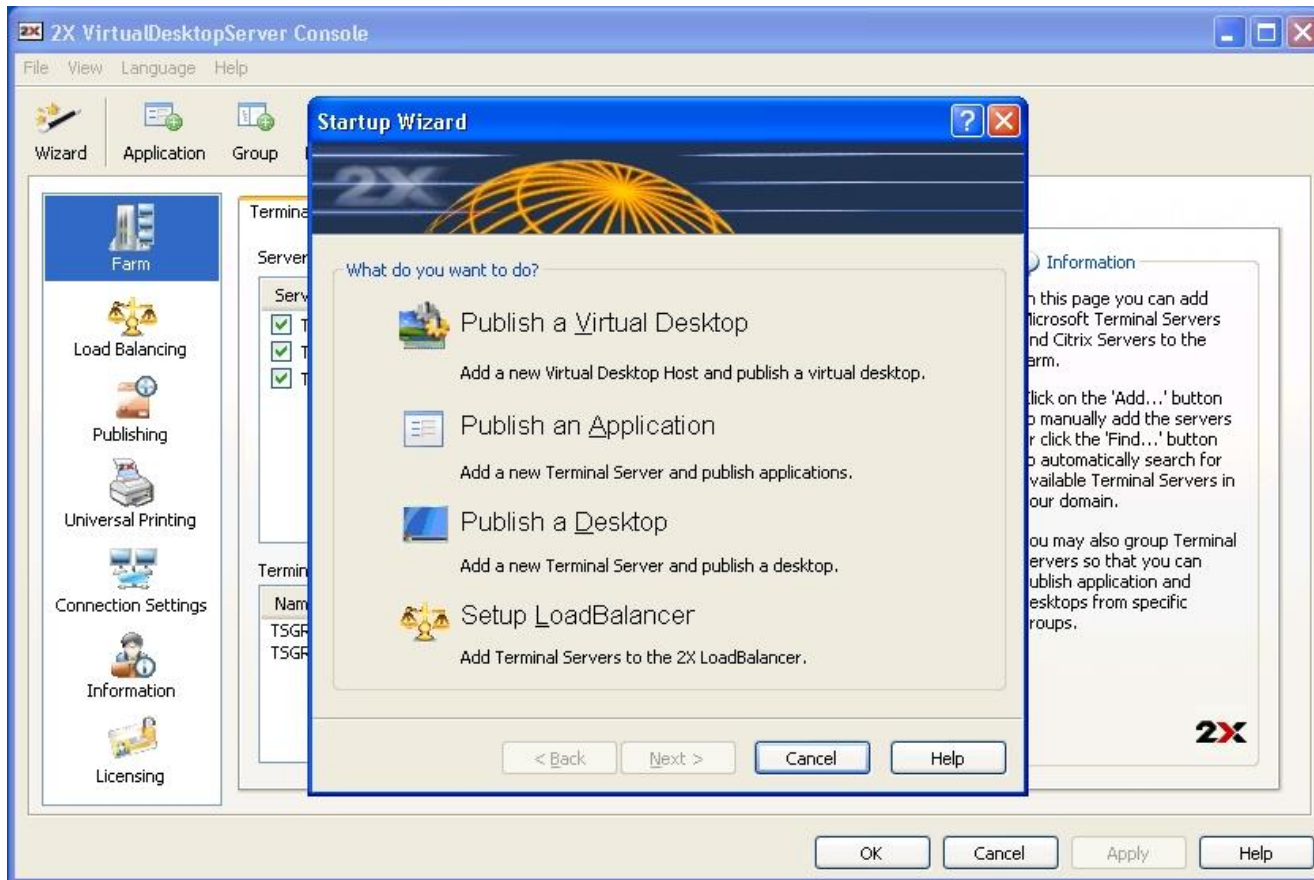


2X VirtualDesktopServer: Single Farm Solution with Mixed Desktops

Publishing virtual desktops from the virtualization broker and remote desktops from the Microsoft Terminal Server.



2X Console



2X LoadBalancer for TerminalServices / Citrix



“The 2X LoadBalancer was the ideal solution for our terminal server environment. It was easy to set up and has been doing a great job of load balancing based off hardware resources.”

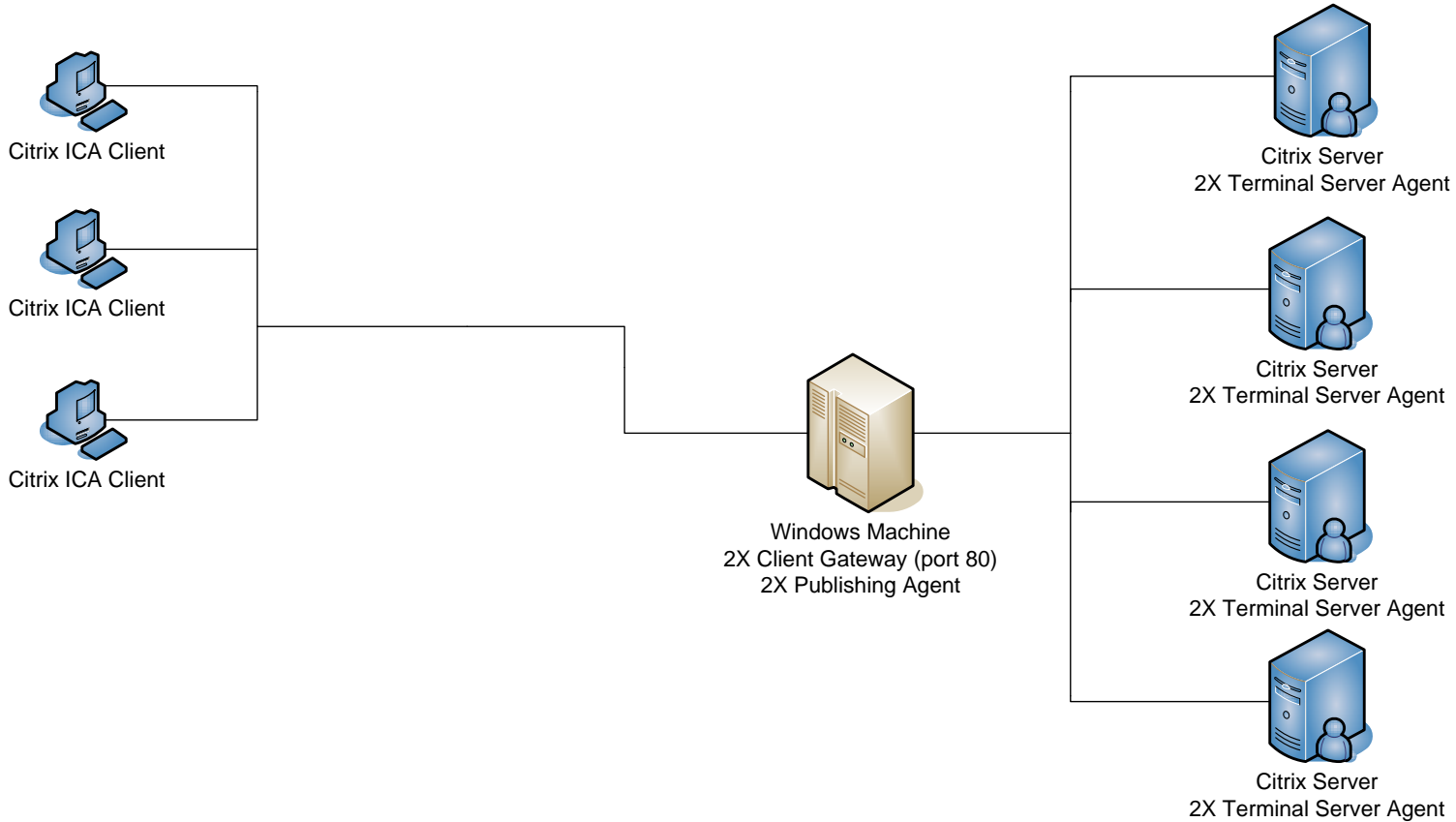
- Charles Fisher
System Admin
Lord & Taylor

Load balancing, increased security and redundancy for your terminal services needs

- Resource-based load balancing
- Ensures terminal server redundancy
- Reconnects users to disconnected sessions and active sessions
- Support of Microsoft Terminal Services and Citrix
- Client-less solution
- Integration with 2X ApplicationServer
- SSL encryption support
- Native RDP and ICA load balancing policies
- Support for Windows Remote Desktop Services/Windows Terminal Services and Citrix
- Windows 2008 R2 and Windows 7 ready
- 32-bit and 64-bit platform support

Load Balancing Terminal Server/Citrix Solution

Allows you to easily load balance RDP/ICA sessions between terminal servers and provide fault tolerance.



2X ThinClientServer



“We now have multiple training environments successfully PXE booting from 2X ThinClient Server, with virtually no ongoing maintenance and a satisfied training audience.”

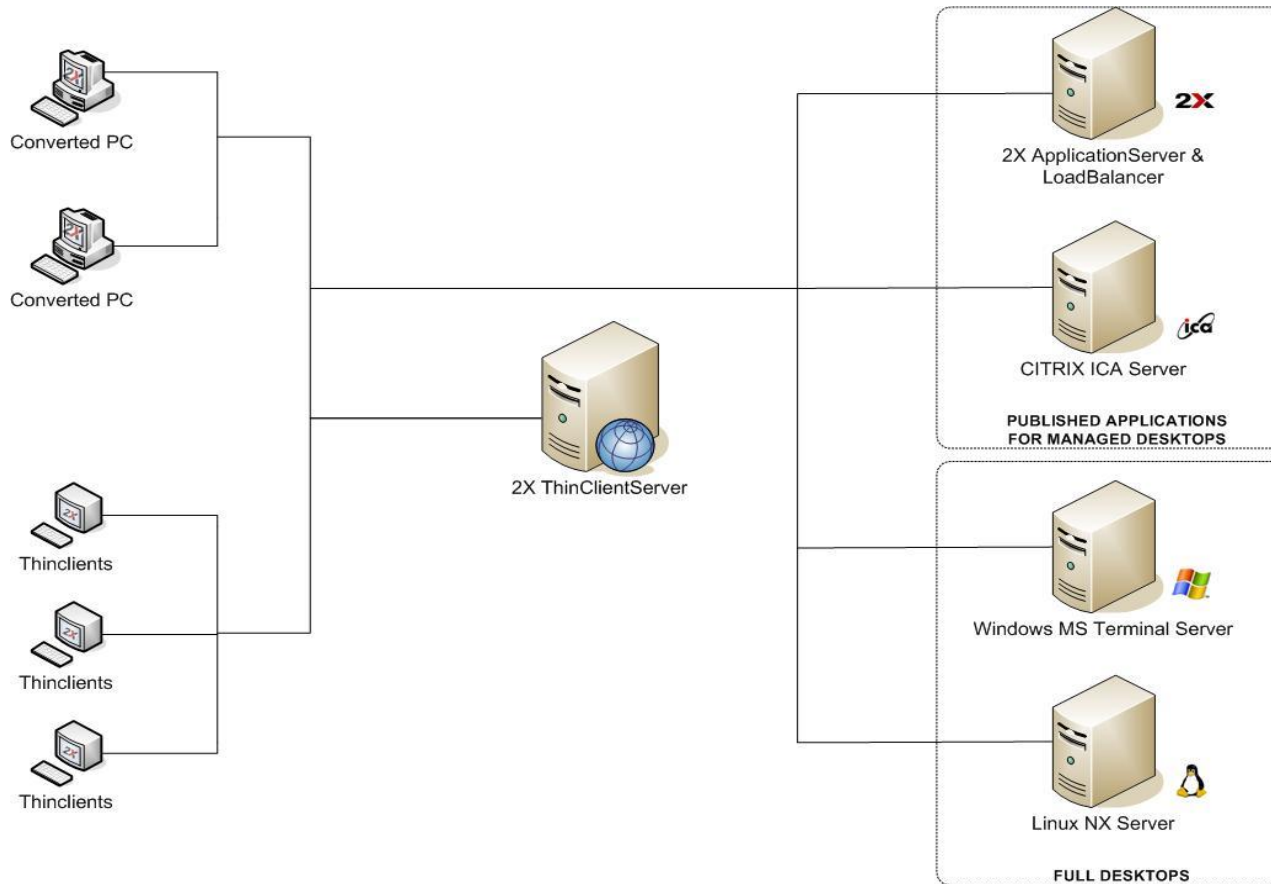
- Stephen J.Rieks
Associate Director of Systems
Syracuse University

Capitalize on thin client computing with a vendor-independent solution

- Conversion of existing PCs to powerful thin clients
- Manage users' connection settings centrally by user, group or department
- Thin client vendor independence: manage any thin client/PC centrally (e.g. CPI, VXL, HP, Wyse, Igel)
- Run 2X & Citrix published applications on the same desktop
- Thin client logging to Syslog for easy troubleshooting
- Boot clients via PXE, hard disk, CD-ROM or USB
- Thin client shadowing support and auto-login support
- Automatic redundancy
- Web-based management console
- Limit users to 2X and Citrix published applications, with VMware View desktops
- Active Directory integration
- Windows 2008 ready

2X ThinClientServer Solution

PCs and thin clients accessing different environments.



2X Software Licensing and Pricing

- **Support Packages:**

2X products come with a 30-day free technical support period. To extend this period by 12 months, an additional technical support package can be purchased. Customers may purchase technical support at the time of purchase, or any time thereafter. Pricing depends upon which full version is ordered.

- **Upgrade Insurance:**

2X products include free 60-day upgrade insurance with purchase; customers must purchase full upgrade insurance to extend their upgrade insurance coverage for one year. **2X upgrade insurance packages allow customers to receive free product upgrades for a 12-month period.** Upgrade insurance is available for all full versions, and must be renewed within the 60-day grace period; otherwise, the purchase of a new full version of the 2X product is required to receive the latest product upgrade.

OEM Pricing

2X also provides an OEM version of the 2X ThinClientServer for thin client manufacturers. Special pricing is available for thin client vendors who bundle a copy of the 2X ThinClientOS and ThinClientServer with each thin client device sold, allowing thin client vendors to avoid significant development and marketing expenses.

Our satisfied customers:



More 2X customers:

- Associated British Ports (United Kingdom)
- DEGUSSA (Germany)
- Payroll America, Inc. (USA)
- McKesson Corp (USA)
- Thomascook group plc (United Kingdom)
- University of Camerino (Italy)
- Bournemouth University (UK)
- Bezirksamt Hamburg Mitte, (Germany)
- Harvard University (USA)
- Gemeente Tilburg (Netherlands)
- Rhenus Assets & Services GmbH & Co.KG, (Germany)
- Toshiba (Canada)
- Toyota (Canada)
- European Parliament (Luxembourg)
- Hollard Insurance (SA)
- University of Texas (USA)
- Sienaxx ASP, (Netherlands)
- ZG Raiffeisen eG, (Germany)
- Landratsamt Freudenstadt, (Germany)

Thank you for your attention.