2X**WhitePaper**

2X Licensing Guide

Revised October 2011

This white paper provides an explanation of 2X's licensing and pricing model, while giving an overview of 2X product solutions and product-specific terminology.

Forming a suitable budget for your company can be one of the most powerful tools for improving financial performance. IT budget planning is not always straightforward, as technology costs can be ambiguous budget line-items, combining current IT maintenance with longer-term costs. Future software license and maintenance costs may therefore be difficult to predict.

2X Software's goal is to offer its robust product line alongside an attractive licensing and pricing model. In 2011, we have consolidated our product line, combining 2X ApplicationServer and 2X VirtualDesktopServer functionality with the launch of 2X ApplicationServer **XG** (Ne**X**t **G**eneration). This new product is a big step forward in simplifying the decision-making process for our customers and partners, allowing seamless application and virtual desktop delivery to enterprises of all types and sizes.

Unlike comparable per-user licensed solutions, the 2X ApplicationServer XG is licensed according to the number of Windows Remote Desktop Servers/Terminal Servers or VDI hosts in a customer's network. As the number of users connecting to a single terminal server depends upon available server resources, expanding enterprises may need to increase their number of servers over time. With 2X products, capacity expansions are simple through license key upgrades. For 2X ApplicationServer XG capacity upgrades, additional terminal servers/virtual hosts can be added to the existing farm.

The 2X product line includes entry-level products for the small business sector and large businesses alike, at highly affordable price points. 2X solutions combine low initial license costs with predictable and affordable long-term maintenance, with simple upgrades available as required.

| Simple Administration, Maximum Security and Significant Savings with 2X

2X develops virtual computing software, providing Windows desktop and application delivery to all platforms and device types. 2X products are vendor-independent, freeing users from specific hardware or virtualization platform requirements.

The 2X commercial product line includes (find more 2X products under 2X Freeware):
2X ApplicationServer XG for Windows Terminal Services/Remote Desktop Services
2X LoadBalancer for Windows Terminal Services/Citrix

General:
A software license gives the end user permission to deploy a single installation of the specific product in question; please contact 2X (sales@2x.com) for details concerning hosting installations.

| 2X ApplicationServer XG

Provides vendor-independent virtual desktops and applications to any platform, from any location.

2X ApplicationServer XG integrates with all popular virtualization platforms (Windows Remote Desktop Services/Terminal Services, Hyper-V, VMware ESXi/ESX, Citrix Xen and more) while delivering applications and desktops to any device, including PCs, netbooks, notebooks, mobile devices, thin clients, touchpads and more. It includes all of the combined functionality of 2X ApplicationServer and 2X VirtualDesktopServer, replacing both products, while also including resource-based load balancing via 2X LoadBalancer.

There are three editions of the product available:

   1) **2X ApplicationServer XG Small Business** for one server

Licensing: One terminal server/virtual host per farm, with up to 80 desktops/connections and a single Publishing Agent and 2X SecureClientGateway.

Pricing: ASXGSMB – provides the best cost-performance ratio for a single server and is upgradable to ASXGPRO.

   2) **2X ApplicationServer XG Professional** for two servers

Licensing: Two terminal servers/virtual hosts per farm, with up to 160 desktops/connections and two Publishing Agents and 2X SecureClientGateways.

Pricing: ASXGPRO – provides the best cost-performance ratio for a two-server enterprise and is upgradable to ASXGENT.

3) **2X ApplicationServer XG Enterprise** for three or more servers

Licensing: Three or more terminal servers/virtual hosts per farm, with unlimited desktops/connections, Publishing Agents and 2X SecureClientGateways.

Pricing: **ASXGENT** – provides the best cost-performance ratio for a three or more server enterprise and is upgradable by adding additional servers (ASXGAGENT), with total cost depending upon the number of additional servers added.

| 2X LoadBalancer

Offers resource-based load balancing with increased security and redundancy, ensuring optimal performance for your terminal server farm.

2X LoadBalancer allows easy resource-based load balancing of RDP/ICA sessions between terminal servers, while providing fault tolerance. 2X LoadBalancer is included in the 2X ApplicationServer XG for installations of two servers or more.

Licensing: Multiple servers per farm.

Pricing: LB is scaled depending on the number of terminal servers; licenses available for 2, 4, 8 or more than 8 terminal servers. For more than 8 terminal servers, please contact sales@2x.com for a quote.

| Licensing Overview, 2X commercial products:

Product	Allowed Connections/Server	Includes Universal Printing	Includes 2X LoadBalancer	Scalable
ASXGSMB	< 80	Yes	No	Yes
ASXGPRO	<160	Yes	Yes	Yes
ASXGENT	Unlimited	Yes	Yes	Yes
ASXGAGENT	Unlimited	Yes	Yes	+ASXGENT
LB	n/a	No	Yes	Yes

*See this and previous page for specific product codes/terminology

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| 2X Freeware:

2X Freeware downloads are available for continuous use, with no product expiration. Registration is required before downloading to receive the license key for license key activation for continuous use. 2X Freeware products are for testing and general previewing purposes, and 2X Software does not guarantee their workplace performance in any way. Technical support is not available for 2X Freeware products.

Licensing:
2X ApplicationServer XG – Virtual desktop and application delivery, for 3 connections
2X Client for RDP/Remote Desktops – For Windows, Linux, Mac operating systems
2X Client for iPad & iPhone – Full desktop experience on any iOS device
2X Client for Android – Full desktop experience on any Android device
2X CloudClientOS – Easily boot from any PC or device
2X ThinClientServer – Centrally manage user devices, for 5 clients

Pricing: Free

| 2X Trial Versions:

Product trial versions are available on our website. Customers may take advantage of the free 30-day evaluation period with standard features included. As downloads offer full product functionality, 2X customers can install and thoroughly test product performance in their specific environment. Completing a product purchase allows continued product use without restrictions.

Licensing:
2X ApplicationServer XG (ASXG) – unlimited connections, 2 servers, 30-day trial
2X LoadBalancer (LB2) – 2 servers, 30-day trial
2X ThinClientServer (TCS) – unlimited clients, 120 days

Pricing: Free

| 2X Free Reseller Versions, Not for Resale, (NFR):

2X Partners can receive free extended product evaluation licenses for internal testing or demonstration purposes; resale of these versions is prohibited.

Licensing:
2X ApplicationServer XG (ASXGNFR) – 3 connections, 2 servers
2X LoadBalancer (LBNFR) – 2 servers

Pricing: Free

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| 2X Upgrade Insurance (UPIN):

All 2X products include 60 days of free version upgrades with purchase; 2X LoadBalancer customers must purchase Upgrade Insurance to extend their coverage for a 12-month period. 2X ApplicationServer XG customers receive the first year's Upgrade Insurance for free with their original purchase of a full version. 2X Upgrade Insurance allows customers to receive free product upgrades for a 12-month period. 2X 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. New version releases typically occur once or twice every year, and minor feature releases and fixes are provided free of charge (conversion from version 10.0 to 10.1, for example).

Licensing: Available for all full products – purchased per license key/terminal server farm.

Pricing: Approximately 25% of full version prices – see official price list.

| 2X Technical Support (ES1 Bronze/EPS1 Silver/EPS2 Gold):

Our products come with 30 days of free technical support provided. To extend this period by an additional 12 months, an official Technical Support package must be purchased. Customers may purchase Technical Support at the time of their license key purchase, or any time thereafter.

Licensing: Available for all full products – purchased per license key/server farm.

Pricing: Different pricing and services offered for each support level, with Silver Plus and Gold support packages offering SLA response guarantees.

| 2X Capacity Upgrades:

To expand the number of servers in one's network, we offer the capacity upgrade product **ASXGAGENT**. Upgrades to other 2X products are also allowed; contact sales@2x.com for a quote.

Licensing: Available for all products – purchased per license key/server farm.

Pricing: Depends upon capacity upgrade chosen – see official price list.

| 2X Non-Profit Pricing (NP):

Non-profit pricing is available for schools, universities, government agencies and other non-profit organizations.

Licensing: Same license model as for standard products.

Pricing: NP pricing used – provides a roughly 20% discount from retail pricing.

| 2X OEM Licenses:

OEM (Original Equipment Manufacturer) licenses may be obtained with the purchase of a hardware or thin client device, or with another software license, such as Microsoft CALs. An OEM license allows use with attached hardware or software only. Hardware purchases from recommended partners (such as Wortmann, 10ZiG, NCS Technologies, RieCom, Nexterm and others) include the 2X OS, and OEM licenses are fully upgradeable.

Licensing: Per specific OEM agreement – find out more at http://www.2x.com.

Pricing: Licenses included with attached OEM partner hardware.

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| Terms and More:

Pricing:
All prices on our website are retail prices and exclusive of customs duty, VAT or other applicable sales taxes, which must be paid by the customer.

Delivery:
Invoice, license keys and download locations will be received by email when ordering online; deliveries will be made by the next business day.

Payment:
Credit cards (Visa, Eurocard, American Express, MasterCard, PayPal) or advance wire transfers will be permitted, unless specified otherwise per individual resellers' agreements.

Return Policy: 2X Software Ltd. does not accept any product returns, as fully functional trial versions are freely available and free email pre-sales support is provided. Once the product is purchased and the registration number is received, purchases are final.

How to Contact 2X:
- For sales issues: sales@2x.com
- For order and delivery issues: orders@2x.com
- For support issues: support@2x.com
- For 2X Partner issues: partners@2x.com

Useful Links:
- To contact individual offices: http://www.2x.com/contact
- 2X resellers: http://www.2x.com/partners
- Web-based orders: https://www.2x.com/order
- 2X pricing: http://www.2x.com/buy/pricing
- Web-based support forum with knowledgebase: http://2x.helpserve.com
- Web-based User to User forum at http://www.2x.com/forums/
- 30-day free downloads: on product pages at www.2x.com
- 2X Partner Relationship Management System (PRM): https://prm.2x.com/panel/login.aspx
- 2X Blog: http://www.2x.com/blog
- 2X customers and testimonials: http://www.2x.com/customers

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ABOUT 2X | 2X Software is a global leader of desktop and application delivery, remote access and cloud computing solutions. Thousands of enterprises worldwide trust in the reliability and scalability of 2X products. Cloud computing is shifting from a competitive advantage to an operational necessity. 2X offers a range of solutions to make every company's leap to cloud computing simple and affordable, backed by the engineering excellence and expertise of the 2X development team. For more information visit: http://www.2x.com.