

Citrix® MetaFrame XP™ for Windows *with Feature Release 1.*

*The most powerful solution for application serving and management
specifically designed for the Internet and Windows 2000.*

About Citrix

- Founded in 1989, Citrix Systems, Inc. (Nasdaq: CTXS) is a global leader in application serving software and services that offer the ability to deliver any application to any device over any connection—wired, wireless or Web.
- Citrix solutions enable organizations of all types and sizes to reach more users, with more applications, in more locations—and achieve this with greater speed, improved predictability and lower costs.
- With over 24 million users worldwide, Citrix solutions have been adopted by over 90 percent of Fortune 500® firms and more than 50 percent of the Financial Times 500.

Citrix® MetaFrame XP™ for Windows® offers a complete solution for organizations that want more from their application serving environments. It extends the virtual workplace—the seamless integration of LANs, WANs, the Internet, Intranets and Extranets—by broadening the reach of the Windows 2000 Server family and advanced Microsoft platforms. Now organizations have a more powerful way to optimize communications, work more efficiently and compete more effectively.

Citrix MetaFrame XP securely deploys Windows-based applications with the highest levels of manageability so administrators can easily scale servers as organizations grow. With the new functionality Feature Release 1 provides, Citrix MetaFrame XP offers a more predictable, cost-effective computing experience for all users. And it provides better utilization of limited IT resources, with powerful capabilities for managing applications, servers and server farms, licenses and resources from a single, centralized location.

Citrix specifically customized the Citrix MetaFrame XP family into three tailored solutions that will accommodate a wide spectrum of customer requirements for functionality and scale:

- Citrix MetaFrame XPs delivers the level of control that departmental workgroups require to extend the reach of Windows 2000 Server to multiple devices.
- Citrix MetaFrame XPa maximizes the availability of applications across the Net for growing organizations.
- Citrix MetaFrame XPe offers extensive scalability and manageability, as well as rapid application deployment, for global enterprises in a Windows 2000 server-based environment.

The Citrix MetaFrame XP family provides:

- **Unparalleled manageability and scale**—systems, applications and users. Manage servers and server farms across the enterprise with robust system-management solutions.
- **Total Net leverage**—integration, personalization and control. Deliver any application to a single portal view, without rewriting application code. Experience seamless Net integration from any standard Web browser.
- **Ultimate flexibility**—any application, any device, over any Net connection. Citrix MetaFrame XP provides the power to deploy applications quickly with fewer hardware road blocks and less technology churn—for a reduced total cost of ownership.



Now everything computes.™

Key features.

Unparalleled manageability and scale—systems, applications and users.

Feature	Description	Benefit
Citrix Management Console (CMC)	Comprehensive interface enables complete, single-point management of the entire Citrix MetaFrame XP server farm from any location. Closely monitors connection licenses and identifies server properties.	Simplifies Citrix MetaFrame® server management by providing easy, convenient, single-point command and control — anytime from any location.
Application Publishing	Provides easy and fast deployment of applications to any server and any user with the click of a button.	Enables applications that look and feel like they are running locally to be intuitively accessed by end users without additional training required.
Content Publishing	Extends the application publishing model to accommodate internal and external content, such as audio, video, Web pages and files.	Saves time by accessing dispersed applications and content through a convenient Web portal.
SSL Encryption	Passes Citrix Independent Computing Architecture (ICA®) and XML content through the firewall using the HTTPS port and leverages the inherent 128-bit encryption of Internet-standard SSL technology.	Brings added security and peace of mind to Citrix MetaFrame XP administrators and users.
Advanced Shadowing	Allows administrators to take control of end user's Citrix ICA sessions, log shadowing instances and provide an on-screen shadowing indicator.	Makes it easy for administrators to remotely troubleshoot application problems and record shadowing instances for precise auditing purposes.
Citrix Program Neighborhood™	Pushes application icons to the Windows client's Start button and desktop.	Allows administrators to centrally control access to Windows applications and content from a single point. Reduces the need for additional end-user training.
Application Packaging and Delivery <i>MetaFrame XPe only</i>	Eases the burden of installing and uninstalling applications on servers in large server farms by automating the process with centralized configuration and delivery.	Allows total delivery control through scheduling and install verification. Saves time and money by making it easier to create and replicate applications, service packs and files across the server farm.
System Monitoring and Analysis <i>MetaFrame XPe only</i>	Provides the capability to centrally monitor and manage the server farm, with real-time graphing and alerting, capacity planning, user-definable metrics and reporting.	Allows administrators to efficiently manage and monitor system resources and to proactively predict system requirements, availability and application needs.
Advanced Load Management <i>MetaFrame XPe and XPa only</i>	Customizes load-balancing rules to maximize server resources based on the application and user environment. Take applications off-line for maintenance.	Scales Citrix servers more easily and cost-effectively to support thousands of users across multiple servers. Accommodates routine application and database maintenance.
Network Management <i>MetaFrame XPe only</i>	Administers Citrix MetaFrame XP server farms through the native network-management console of leading network-management solutions.	Uses a familiar interface to monitor and manage servers enabling simplified application deployment and administration to save time and money.
CPU Prioritization <i>MetaFrame XPe and XPa only</i>	Provides greater CPU priority to more strategic applications.	Ensures top performance for mission-critical applications running on Windows 2000 Server.
Connection Control <i>MetaFrame XPe and XPa only</i>	Limits the number of concurrent user and/or application connections.	Preserves valuable server resources and ensures that maximum application license usage is not exceeded.
ICA Session Monitoring <i>MetaFrame XPe only</i>	Monitors Citrix ICA network traffic, even down to the virtual channel.	Ensures proper bandwidth allocation to remote users and offices by providing network usage data.
Citrix Universal Print Driver	Consolidates print driver requirements into one universal print driver.	Reduces print driver administration while also reducing printing time for many desktop printers.

Unparalleled manageability and scale—systems, applications and users (continued).

Feature	Description	Benefit
Centralized Printer Management	Replicates print drivers across Citrix MetaFrame XP servers, designates print drivers for use and limits the bandwidth used by print data streams.	Eases administration and replication of print drivers across the server farm. Ensures printing does not congest the network.
Centralized License Management	Manages all Citrix product and user licenses, including entry and activation, all from a single point.	Enables simplified administration and activation of all Citrix software licenses from one central location to accommodate server farms of all sizes.
Enterprise-class Scalability	Provides the ability to easily install, manage and expand as business requirements demand. Also supports complex network configurations, including multiple network segments and firewalls.	Allows Citrix MetaFrame XP server farms to exist across several subnets. Administrators can easily scale Citrix server farms to support hundreds of servers with tens of thousands of users.
Citrix Web Console	Utilizes an easy-to-use Web interface to access frequently used Citrix MetaFrame XP administration functions.	Saves time by providing a convenient way to access basic Citrix MetaFrame XP administration functions.
Active Directory™ Support	Provides the ability to publish applications and content to Active Directory users and groups.	Simplifies logon to Citrix MetaFrame XP servers by using a user's full Active Directory-based user name and password.
Novell® NDS® Support	Provides the ability to publish applications and content to Novell NDS users and groups. Supports seamless NDS authentication.	Saves time by eliminating the need to create Microsoft domain or Active Directory user accounts so NDS users do not have to authenticate twice when connecting to Citrix MetaFrame XP.
TCP-based Browsing	Enables clients to browse for published applications and content without relying on UDP broadcasts.	Eases deployment through firewalls and other secured network links by supporting standard protocols.
Pass-through Authentication	Provides the ability to pass the user's desktop password to the server. Eliminates the need for multiple system and application authentication.	Enhances the seamless integration of Win32 Citrix ICA clients by minimizing the authentication tasks required by the user.
Citrix Administrator Accounts	Designates Citrix administrator account privileges without requiring Help Desk and other administrators to have Microsoft domain or Active Directory privileges.	Eliminates the prerequisite of Microsoft administrator access for day-to-day Citrix MetaFrame XP administration.

Total Net leverage—integration, personalization and control.

Feature	Description	Benefit
Support for Citrix NFuse™ 1.6	Integrates existing and customized applications and content into any standard Web browser without rewriting a single line of application code — instantly.	Allows the Web to be utilized as an application infrastructure while providing the features and benefits of Citrix MetaFrame XP.
Support for Corporate Portals	Ability to add published interactive applications to enterprise Web portals, rounding out the array of Web-based resources with business-critical solutions.	Enables organizations to provide users in any location with seamless, centralized access to applications and content.
Web-based Client Installation	Identifies the platform a user is on and offers the opportunity to automatically download the appropriate Citrix ICA client.	Allows fast, simple deployment of Citrix ICA clients to first-time users. Administrators no longer have to touch every desktop.
Citrix MetaFrame XP Server Backup	Contacts back-up servers automatically in the event that the designated Citrix MetaFrame XP server fails to capture the Citrix NFuse logon request.	Increases application availability and provides a seamless user experience across the enterprise and a higher level of fault tolerance.
Anonymous User Support	Connects both explicit and anonymous users to the same Citrix NFuse Web page to connect to Citrix MetaFrame applications and content.	Saves time and resources by eliminating the need to create separate Citrix NFuse Web pages for explicit and anonymous users.

Ultimate flexibility—any application, any device, over any Net connection.

Feature	Description	Benefit
Universal Client Access	Supports more than 20 native Citrix ICA client choices covering Windows and non-Windows platforms.	Allows application deployment across the enterprise to practically any device.
Seamless Windows	Integrates local and remote applications into a local Windows desktop. Users may choose between the local and remote applications on the task bar.	Provides a true, seamless user experience with little to no end-user training.
High-color Depth and Resolution	Supports high-color (65,000) and true-color (16 million) sessions. Screen resolutions up to 64,000 by 64,000 pixels.	Enables Citrix ICA user sessions to run rich, high-resolution applications with the look and feel of a local desktop.
Access to Local System Resources	Automates access to all local drives and devices attached to communication ports. Also provides the ability to play 16-bit audio files.	Enables organizations to leverage all their local resources such as printers, personal digital assistants and other devices. Provides a seamless user experience.
Client Time Zone Support	Enables applications operating on a Citrix MetaFrame XP server to run in the context of each user's local time zone.	Allows accurate times to be documented for e-mail and other personal manager applications.
Panning and Scaling	Allows users to visually navigate standard desktop applications on hand-held devices with small screens.	Improves the usability of small hand-held devices when connecting to Windows applications running on Citrix MetaFrame XP.
Multiple-monitor Support	Enables Citrix ICA clients to use multiple side-by-side monitors to display applications running on Citrix MetaFrame XP.	Permits users who require multiple monitors on their desktops to access local and server-based applications concurrently.
Citrix SpeedScreen™ 3	Overcomes restrictive connections to speed application display and response time by reducing latency and bandwidth consumption.	Allows faster, more consistent application performance regardless of the network connection, enhancing the user's computing experience.
Auto Client Reconnect	Automates the Citrix ICA client's attempt to reconnect to a temporarily disconnected yet still-active user session.	Saves the user time and effort when attempting to reconnect to a disconnected Citrix ICA session.
Low Bandwidth Requirements	Reduces network bandwidth requirements to 5–20 Kbps.	Enhances application performance and makes the user feel as if applications are running on a local desktop.

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