



# Wyse Streaming Manager

Enabling thin computing throughout the enterprise

Introducing a powerful thin-computing solution that delivers software on demand. Wyse Streaming Manager gives IT the ability to make stateless computing devices function as a personal computer with much simpler administration and management.

Wyse Streaming Manager is the only thin-computing solution to use streaming technology to deliver software on demand to stateless computing devices. It delivers the power and flexibility of a PC to the user, while giving IT the manageability they want from a thin-computing infrastructure.

With the flexibility to deploy applications independent of the streamed operating system, Wyse Streaming Manager allows customers to standardize operating system images across their organization and deliver applications based on user roles and responsibilities. Administrators can also easily provision new applications or updates to existing applications without having to modify the operating system image.

Wyse Streaming Manager further expands the portfolio of thin-computing solutions available from Wyse, delivering even more benefits from thin computing throughout their enterprise.

With Wyse Streaming Manager, IT administrators gain the granular control they need to ensure the consistency of deployed software across the enterprise. It also dramatically reduces the IT time and costs associated with deploying and maintaining software across the enterprise. By deploying operating system and applications patches centrally, downtime and IT staff time is greatly reduced. Each end user simply reboots their thin-client device to ensure that the client software is upgraded to the latest patch level.

When you deploy Wyse Streaming Manager with thin client devices, those desktop systems have no value unless connected to the corporate network, making your corporate environment more secure. Additionally, the system-drive is protected by design, preventing virus attacks and other security hazards. Recovering from a hardware loss or failure is as simple as replacing the device. Software failures can be corrected by overwriting the virtual system drive.

With Wyse Streaming Manager, you can give people the flexibility of a personal computer while enjoying the manageability of a thin-computing infrastructure.

## Features

Delivers operating system and applications on demand to stateless devices

Fast and easy deployment of new applications

Application license management and metering

Centralized management of software updates and patches

Remote servers deliver increased scalability

Application subscription management

Comprehensive reporting tools

Protected system drive

Instantaneous recovery from hardware failure

Simultaneously supports distributed and centralized computing models

## Benefits

Deploy operating system and applications to stateless computing devices from a central location without having to visit a single desktop

Easily provision new applications to all desktops at any time from a central location to respond to changing needs of the enterprise

Gain real-time license metering and control over the number of application licenses used within the enterprise. Prevent piracy and reduce costs by purchasing licenses based on usage patterns

Apply operating system and application patches and updates on the server to ensure software consistency across the enterprise. This also eliminates downtime for upgrades

Scale deployment to tens of thousands of desktop devices using a tiered deployment to add as many remote servers as you need

Give users the flexibility of self-service subscription to approved applications

Quickly receive system reports about application and system usage

Prevent virus attacks and security hazards by protecting the system drive from unauthorized modifications

Recover from hardware failure simply by replacing the device with a new thin client. All user data, applications, and operating system will automatically download to the new device

Empowers administrator to decide where applications are executed: either locally on a stateless device, or through a Citrix Metaframe and/or Microsoft Terminal Services deployment

# Features

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<b>Device Hardware Requirements</b>	<ul style="list-style-type: none"> <li>Minimum processor 800MHz</li> <li>Minimum memory 256MB</li> </ul>	<ul style="list-style-type: none"> <li>Flash size/local storage – none needed. If the device has flash it will not be used.</li> </ul>
<b>Server Requirements</b>	<ul style="list-style-type: none"> <li>Minimum processor speed 1GHz</li> <li>Minimum LAN card = 100Mbps</li> </ul>	<ul style="list-style-type: none"> <li>Server Operating System <ul style="list-style-type: none"> <li>- Windows Server 2000 SP3 or higher</li> <li>- Windows Server 2003</li> </ul> </li> <li>Recommended at 100Mbps duplex</li> </ul>
<b>Network Requirements</b>	<ul style="list-style-type: none"> <li>Minimum LAN Speed = 10Mbps</li> </ul>	
<b>Operating Systems Supported</b>	<ul style="list-style-type: none"> <li>Microsoft Windows XP Professional</li> </ul>	<ul style="list-style-type: none"> <li>Microsoft Windows 2000 professional</li> </ul>
<b>Databases Supported</b>	<ul style="list-style-type: none"> <li>Microsoft SQL Server</li> </ul>	
<b>Fast and easy installation Microprocessor</b>	<ul style="list-style-type: none"> <li>Installing Wyse Streaming Manager is simply a matter of running a single, graphical installer.</li> </ul>	<ul style="list-style-type: none"> <li>The installer checks for all the prerequisite components before install.</li> </ul>
<b>Easy tools to create operating system and application images</b>	<ul style="list-style-type: none"> <li>Imaging tool simplifies the process of creating an operating-system image for the specific hardware configuration and an application image for all hardware configurations.</li> </ul>	<ul style="list-style-type: none"> <li>All OS and application images are ready for deployment once created – no further modifications needed.</li> </ul>
<b>Application Subscription Management</b>	<ul style="list-style-type: none"> <li>Use flexible application deployment methods: <ul style="list-style-type: none"> <li>- Auto-subscribed applications are ready for use when user logs in for the first time.</li> <li>- Manual subscriptions allow users the flexibility to use applications only when needed.</li> </ul> </li> </ul>	
<b>Protected System Drive</b>	<ul style="list-style-type: none"> <li>Allows administrators to protect the system drive from end-user initiated updates.</li> <li>Prevents any changes to the operating system drive</li> </ul>	<ul style="list-style-type: none"> <li>except by administrators, which helps prevent viruses, spyware or malware from infecting the device.</li> </ul>
<b>Operating System Streaming</b>	<ul style="list-style-type: none"> <li>Wyse Streaming Manager provides an on-demand operating system to thin computing devices on the network.</li> <li>Only those bits needed for the normal operation of the device are sent in order to reduce network traffic.</li> </ul>	<ul style="list-style-type: none"> <li>Wyse's innovative technology makes each thin-client system think that there is a virtual hard disk attached to the device.</li> <li>Operating-system images can be shared across multiple devices, making management easier.</li> </ul>
<b>Application License Management and Metering</b>	<ul style="list-style-type: none"> <li>Wyse Streaming Manager provides the infrastructure to collect information about the license-usage across the enterprise. This information allows IT organizations to save costs associated with application licenses.</li> </ul>	<ul style="list-style-type: none"> <li>Licenses can be stored for all the applications being deployed. It also enforces license compliance.</li> <li>Types of licenses that can be controlled include: <ul style="list-style-type: none"> <li>- Time-based licenses (valid of X days).</li> <li>- Number of concurrent users.</li> </ul> </li> </ul>
<b>Modes of Operation</b>	<ul style="list-style-type: none"> <li>Wyse Streaming Manager allows the administrator to choose the mode of operation for the operating system:</li> </ul>	<ul style="list-style-type: none"> <li>- Shared Mode – for normal operation.</li> <li>- Private mode – for administration of operating system images.</li> </ul>
<b>Remote Servers for Scalability</b>	<ul style="list-style-type: none"> <li>IT administrators can deploy multiple remote servers to improve scalability of the overall solution.</li> </ul>	<ul style="list-style-type: none"> <li>Central management of remote servers allows easy deployment of the solution across different geographic locations.</li> </ul>
<b>Comprehensive Reporting</b>	<ul style="list-style-type: none"> <li>Easy ad-hoc reporting based on flexible parameters.</li> <li>Reports are delivered through HTML and XML, giving you the flexibility to output in any form.</li> </ul>	<ul style="list-style-type: none"> <li>License-metering reports can be used to make proactive purchasing decisions.</li> <li>License-audit reports can be used for compliance purposes.</li> </ul>



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