

Increase productivity and reduce costs in the branch office

Citrix® Branch Repeater™ is a branch optimization solution that accelerates application delivery to globally distributed users while dramatically reducing bandwidth costs and simplifying branch infrastructure.

Features:

HDX IntelliCache

- Optimizes delivery across multiple user sessions by locally caching and de-duplicating transmission of common graphics and data within the ICA protocol.
- Stores streamed applications locally in the branch for rapid delivery and synchronizes the application whenever it is updated or patched in the datacenter so branch users always get the latest version.

HDX Broadcast

- Optimizes the flow of ICA traffic across multiple connections in a branch by sensing and responding to network and traffic conditions.
- Reduces ICA bandwidth consumption by applying optimal compression techniques based on traffic characteristics, infrastructure capabilities and network conditions.
- Orchestrates with XenApp to participate in the ICA session and provide intelligent acceleration of the ICA protocol by sensing and responding to the network and traffic conditions.
- Allows administrators to define rules that indicate which types of application traffic or ICA workflows receive the highest priority.



Application acceleration

- Accelerates any TCP-based application including file transfers, e-mail, ERP, CRM, CAD, data backup and replication, and more.
- Identifies and accelerates the most widely-deployed and troublesome Microsoft® applications accessed by branch and mobile users including File Sharing (CIFS), Exchange (MAPI) and SharePoint® (HTTP).
- Integrates Quality of Service (QoS) to prioritize bandwidth and ensure no change in application performance during periods of severe congestion.
- Mitigates TCP performance penalties from network latency and packet loss while simultaneously eliminating redundant WAN traffic.

Integrated Windows services

- Natively integrates branch acceleration and optimization with essential branch services (file, print, DHCP, DNS, WINS, AD, DFS) powered by Windows® Server® 2008 or Windows Server 2003R2.
- Securely deploy an Active Directory database at branch office locations using a Read-Only Domain Controller (RODC).
- Provides a platform for System Center Configuration Manager, Systems Management Server (SMS) and ISA Server 2006 Web Caching thus eliminating the need for dedicated servers.
- Includes a management pack for Microsoft System Center Operations Manager 2007 and supports Windows Management Instrumentation (WMI) to leverage existing server management tools and expertise.

Repeater Plug-in for Citrix Receiver

- Accelerates application delivery for remote and mobile users by overcoming the bandwidth and latency limitations of WiFi, broadband and 3G connections.
- Interoperates with Citrix® Access Gateway™ and other leading VPNs to optimize all traffic within the secure tunnel.
- Combines zero touch installation and configuration with automated software updates.
- Provides head-end controls over software distribution, default settings and use of local PC resources.

Flexible and centralized management

- Enables network administrators and operations teams to easily take control of their entire Branch Repeater infrastructure from a single, unified console.
- Offers one-click configuration replication and software upgrades across multiple appliances. Multiple conduits for day-to-day operation including a Web-based GUI as well as a scriptable command line interface (CLI).
- Generates real-time and historical reports to fully understand system-wide performance gains along with extensive alarm and activity information through the built-in GUI, logs, Syslog and SNMP traps.

Plug-n-play for any network

- Automatically discovers remote peer appliances and includes application service profiles to instantly identify and optimize common enterprise traffic.

- Preserves full TCP/IP headers, VLAN tags and QoS markings requiring no changes to existing networking equipment, security devices and traffic monitoring tools (NetFlow).
- Offers maximum flexibility with a choice of Inline, WCCP or Policy Based Routing deployment along with the option to deploy appliance pairs spanning redundant WAN links or for network high availability (HA).

Platforms	Versions	Options
 <p>Branch Repeater</p> <p>Deployed in branch offices to accelerate and optimize application delivery to the branch.</p>	<p>Branch Repeater 100 Compact 1U appliance for WAN links up to 1 Mbps</p> <p>Branch Repeater 200 Compact 1U appliance for WAN links up to 2 Mbps</p> <p>Branch Repeater 300 Compact 1U appliance for WAN links up to 10 Mbps</p>	<p>2-port Copper Bypass NIC</p>
 <p>Branch Repeater with Windows Server</p> <p>Deployed in branch offices and provides a complete branch-in-a-box by natively integrating branch acceleration and optimization with essential Windows services and management.</p> <p><i>Includes a fully licensed and activated version of the Windows Server operating system.</i></p>	<p>Branch Repeater with Windows Server 100 Compact 1U appliance for WAN links up to 1 Mbps with choice of Windows Server 2008 or 2003R2</p> <p>Branch Repeater with Windows Server 200 Compact 1U appliance for WAN links up to 2 Mbps with choice of Windows Server 2008 or 2003R2</p> <p>Branch Repeater with Windows Server 300 Compact 1U appliance for WAN links up to 10 Mbps with choice of Windows Server 2008 or 2003R2</p>	<p>ISA Server 2006 Web Caching (Windows Server 2003R2 only)</p> <p>2-port Copper Bypass NIC</p>
 <p>Repeater 85xx</p> <p>Repeater 88xx</p> <p>Repeater</p> <p>Deployed in the datacenter, and accelerates and optimizes traffic to multiple branch offices and remote and mobile users. Repeater appliances also accelerate and optimize traffic between datacenters to speed data replication and enable disaster recovery.</p>	<p>Repeater 8520 1U appliance for WAN links up to 10 Mbps Supports up to 500 Repeater Plug-ins</p> <p>Repeater 8540 1U appliance for WAN links up to 45 Mbps Supports up to 750 Repeater Plug-ins</p> <p>Repeater 8820 2U appliance for WAN links up to 155/500 Mbps Supports up to 1,000 Repeater Plug-ins</p>	<p>2-port Copper Bypass NIC</p> <p>2-port Fiber Bypass NIC</p> <p>4-port Copper Bypass NIC</p> <p>4-port Fiber Bypass NIC (Repeater 8820 only)</p>

Repeater Plug-in for Citrix Receiver

The Repeater Plug-in is deployed on individual desktops and laptops and accelerates application delivery for remote and mobile users.

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About Citrix

Citrix Systems, Inc. (NASDAQ:CTXS) is the leading provider of virtualization, networking and software as a service technologies for more than 230,000 organizations worldwide. Its Citrix Delivery Center, Citrix Cloud Center (C3) and Citrix Online Services product families radically simplify computing for millions of users, delivering applications as an on-demand service to any user, in any location on any device. Citrix customers include the world's largest Internet companies, 99 percent of *Fortune* Global 500 enterprises, and hundreds of thousands of small businesses and prosumers worldwide. Citrix partners with over 10,000 companies worldwide in more than 100 countries. Founded in 1989, annual revenue in 2008 was \$1.6 billion.

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