

Win with Autodesk and Citrix

Citrix and Autodesk Map Out A Winning Application Delivery Strategy for AutoCAD Map 3D.

Our customers need an easier and more cost effective way to distribute their software applications throughout their organizations. AutoCAD Map 3D now supports Citrix XenApp application deployment and achieves this important goal.

—Lisa Campbell
Vice President
Autodesk Geospatial



Citrix Systems, Inc. and Autodesk have partnered to provide customers with greater efficiency and flexibility in their use of Autodesk's geospatial applications. By delivering AutoCAD® Map 3D software to users with Citrix XenApp™, customers can significantly improve application performance and reduce workstation costs while providing the best user experience possible.

Designers, engineers and managers in the telecommunications, natural resources, government and energy sectors depend upon AutoCAD Map 3D software for integration of computer-aided design (CAD) and geographic information systems (GIS) information during project design and maintenance. To support users in branch locations, organizations typically install the software locally on high-end workstations and laptops. However, this traditional, decentralized approach can lead to slow performance over the WAN when connecting to back-end resources, raise security concerns, and place a heavy burden on IT staff that may have to visit remote offices to provide support.

Citrix XenApp offers application virtualization and application streaming delivery methods to enable the best experience with AutoCAD Map 3D software for any user, on any device or network connection. The Citrix solution centralizes application processing and administration in the data center, reducing IT management costs and increasing data security and regulatory compliance. In addition, Citrix XenApp delivers even the most powerful Windows® applications, such as AutoCAD Map 3D, to any type of device or operating platform—without sacrificing performance or functionality.

Enhancing the Value of AutoCAD Map 3D with Optimized Application Delivery

Citrix XenApp helps customers obtain the greatest value from their AutoCAD Map 3D software investment in the following ways:

Optimal performance over the WAN

Using a powerful, compute-intensive, data-rich application such as AutoCAD Map 3D demands a great deal of low-latency bandwidth. Because Citrix XenApp centralizes application processing on the server close to the data source, only minimal—and predictable—amounts of data traverse the network (typically less than 28 Kbps per client session). With Citrix XenApp, AutoCAD Map 3D has a smaller network footprint, which improves performance and helps avoid the costs of additional bandwidth capacity.

Stronger data security and improved compliance

Particularly for government agencies, utilities and other organizations that fall under Homeland Security regulations, data privacy and regulatory compliance are critical. Citrix builds end-to-end security into Citrix XenApp. First, application data remains securely behind the data center firewall, instead of being exposed on the local desktop. Also, the small amount of data that travels between client and server is encrypted. Further, IT staff can centrally establish policies controlling who can access which information.

Lower workstation and laptop costs

To support the AutoCAD Map 3D software, users must have high-end, powerful workstations or laptops running the Microsoft® Windows® operating system. Citrix XenApp delivers the application to any type of client, enabling customers to use less-powerful, less-expensive business laptops or PCs.

Consolidated servers and administration

Citrix XenApp enables IT centralization efforts that can reduce costs through server consolidation and single-point management. Citrix XenApp improves IT efficiency by reducing or eliminating the need to touch each user desktop. Session shadowing over the network provides remote troubleshooting. Upgrades and patches are centrally installed and rolled out to users quickly and painlessly. And organizations no longer must pay to staff each branch with administrators trained in the AutoCAD Map 3D solution, or send headquarters staff to remote locations on a regular basis.

The Autodesk/Citrix Solution

Autodesk geospatial solutions address infrastructure design and asset management. Built on the AutoCAD® platform, AutoCAD Map 3D provides direct access to the leading data formats used in design and GIS. AutoCAD Map 3D enables

the use of AutoCAD® software tools for maintaining a broad variety of geospatial information and allows design processes to integrate GIS functions in a single environment for more efficient workflows. The results are better designs, increased productivity, and better data quality.

Citrix XenApp is an end-to-end application delivery system for optimal application performance and flexible delivery options. Citrix XenApp allows IT to securely deliver applications as a service, providing on-demand access to users in any location. It provides several benefits that make it a strategic system for application delivery.

- **Outstanding application performance over any network**—Citrix XenApp cuts network bandwidth requirements and mitigates latency issues. With virtualized applications, only mouse clicks, keystrokes and screen updates traverse the network. Even data and graphics-heavy applications perform better, keeping users productive.
- **Strongest security for applications and intellectual property**—Strong information security measures are incorporated throughout Citrix XenApp architecture to provide the maximum control over data and applications. For example, standards-based encryption security using AES, required by many government agencies, helps meet strict security requirements.
- **Lowest-cost Windows application delivery**—By eliminating the need to install or manage applications on individual user devices, Citrix XenApp makes application testing, provisioning, management and support easier and less costly.

The Autodesk/Citrix Partnership

Autodesk is a member of the Citrix® Global Alliance Program, a key component of the Citrix Partner Network, which is an extensive ecosystem of more than 1,800 software and hardware manufacturers, and service providers who complement and extend Citrix Application Delivery Infrastructure.

AutoCAD Map 3D software completed validation testing with Citrix XenApp through the Citrix Ready™ program. The Citrix Ready designation identifies products that are compatible with a Citrix application delivery environment, simplifying the selection process for customers. Autodesk and Citrix are involved in a number of other initiatives, including technology development; product validation and testing; and marketing and sales. The companies also use each other's products internally and share a number of customers worldwide.



About Autodesk

Autodesk (Nasdaq:ADSK) is the world's leading 2D and 3D design and geospatial software company. A Fortune 1000 company with FY2008 net revenues of 2.17 billion, Autodesk has more than seven million registered users worldwide. Autodesk solutions let customers visualize, simulate and analyze the real-world performance of their ideas early in the design process.

The company's geospatial solutions address infrastructure design and asset management. Built on the AutoCAD® platform, AutoCAD Map 3D software bridges CAD and GIS and enables the use of AutoCAD® software tools for maintaining a broad variety of design and geospatial information. The results are better designs, increased productivity, and better data quality.

About Citrix

Citrix Systems, Inc. (Nasdaq:CTXS) is the global leader and the most trusted name in application delivery infrastructure. More than 200,000 organizations worldwide rely on Citrix to deliver any application to users anywhere with the best performance, highest security and lowest cost. Citrix customers include 100% of the Fortune 100 companies.

For more information, visit;
www.autodesk.com/map3d
www.autodesk.com/citrix
www.citrix.com