virtual computer ™

Intelligent Desktop Virtualization

NxTop Enterprise
### Client-Hosted VDI with Centralized Management

Whether your organization is just starting to explore desktop virtualization or has already implemented VDI, Virtual Computer NxTop will improve manageability, enhance user performance and mobility, and dramatically reduce infrastructure and operational costs.

For companies that want the benefits of desktop virtualization with superior performance and mobility but without the infrastructure investment, NxTop offers a better alternative to server-hosted VDI with over 90% cost savings. And for companies who have already invested in server-hosted VDI, NxTop offers a great way to contain infrastructure costs, manage end-points, and offer better performance to demanding laptop users.

NxTop harnesses the computer power of the client to bring down infrastructure costs while maintaining the benefits of centralized management. It provides a native PC feel to end-users because the virtualized desktops are run locally, which also means better mobility and performance.

Complete Centralized Management

NxTop Center enables IT to quickly provision, patch, and upgrade PCs with powerful one-to-many image management capabilities. With full control over the end-point, IT professionals can manage policies for USB ports, bandwidth throttles, view disk space usage (as shown below), and even provide remote helpdesk support at the hypervisor level so it works regardless of whether the user's virtual desktop is running or not.
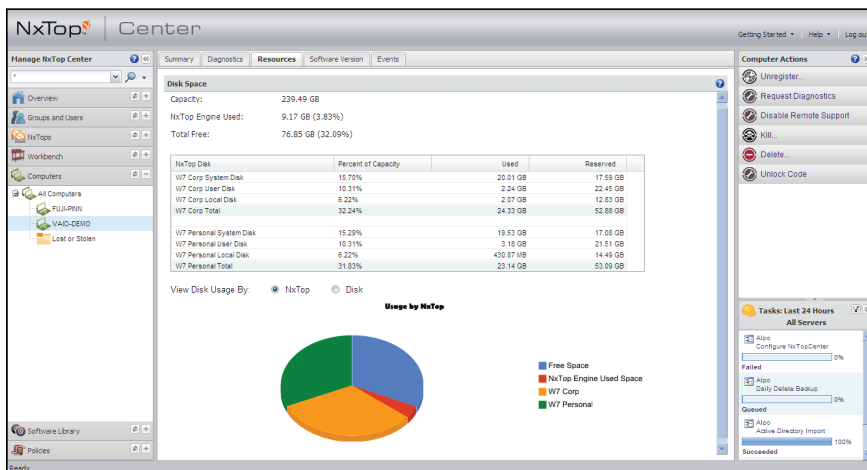
True Type-1 Hypervisor

NxTop Engine is a true type-1 client hypervisor with no underlying operating system. This allows it to interface directly with the hardware for maximum performance and security, eliminating the risk of vulnerability from an underlying operating system issue.

Why NxTop?

- **Reduce Costs**
  Client-hosted VDI eliminates the need for expensive infrastructure while offering security and control over the end-point.

- **Simplify PC Management**
  Failsafe, one-to-many desktop provisioning and patching take the risk and pain out of the desktop management life cycle.

- **Secure the Enterprise**
  Integrated AES-256 full-disk encryption, granular policy controls and remote wipe capabilities protect corporate data.

- **Rapidly Recover from Failures**
  Instant recovery, automated backup, and fast hardware migration reduce user downtime and lost productivity. A user with a failed PC can migrate to a new machine in minutes.

- **Streamline Migrations & Updates**
  Full virtualization of desktops makes migrations and upgrades easy—from major Windows 7 migrations to minor application patches.

- **Increase Productivity & Performance**
  Quick-boot web access, local execution, and profile personalization enable users to maximize their productivity.

Key Features and Capabilities

Centralized Virtual Desktop Management

One-to-many Provisioning. NxTop provides a central console for all desktop management activities. IT teams create and maintain a single virtual machine per operating system that can be published to thousands of users. User-specific personality, data, settings and applications are applied dynamically at each endpoint.

Scalable Patching with Rollback. Patches and updates are applied on a one-to-many basis. The IT administrator applies patches once to a master virtual machine. Upon republishing, the changed data is streamed to NxTop PCs running the virtual machine. A patched image is assembled in the background and transparently loaded on the next reboot. IT can also easily rollback a patch.

Integrated Security

AES-256 Disk Encryption. All virtual machine and system data on NxTop-enabled PCs can be encrypted, providing peace of mind in the event that a PC containing sensitive data is lost or stolen.

Policy Controls. IT administrators can protect against data leakage and unauthorized use through a robust set of policy controls. Access to hardware such as USB ports and network interfaces can be restricted or filtered based on centrally defined policies at global, group, and individual-user levels. Virtual machines can be governed by time-based expiration policies and on-demand remote disablement.

Remote Termination with Data Destruction. As an added layer of security, IT administrators can flag lost PCs for remote termination. If a lost or stolen PC connects to a network, it is directed to digitally shred all data and encryption keys, then self-destruct.

Hassle-Free Data Backup and Restore

Transparent Data Protection. Based on centrally defined policies, NxTop periodically initiates data backup with no end-user interaction required.

Efficient Data Transmission. NxTop backup technology captures changes at the block level, transmitting only the blocks that have changed to NxTop Center.

Advanced Management for Distributed Organizations

Intelligent Remote Office Caching. Downstream management servers may be deployed at remote offices to intelligently cache and distribute updates for more efficient bandwidth utilization.

>> **With NxTop, managing thousands of PCs is as easy as managing ONE.**

Local Backup Storage. User data backups may be localized at remote offices, speeding system recovery and avoiding unnecessary strain on wide area network links.

Remote Helpdesk. Simply enable remote support from the NxTop Center console for immediate remote PC control — even in the event of a catastrophic operating system failure such as a Windows "blue screen of death."

Secure Client-Hosted Virtual Desktops

NxTop turns your existing PCs into powerful managed endpoints capable of:

- Running separate virtual desktops to isolate corporate desktops from the risks associated with user-installed applications (e.g., malware, viruses)

- Executing centrally managed virtual desktops that can run locally on the PC, regardless of whether it is online or offline.

- Isolating web-browsing activity from the core Windows OS, creating a separate access point for sensitive cloud-based applications.

Thin Client Alternative

Turn existing PCs into feature-rich thin client alternatives, providing secure remote access to server-hosted desktop and application sessions.

With NxTop's centralized management capabilities, these devices can be completely managed, making them more operationally efficient as thin clients without the need to purchase additional hardware.

>> Download NxTop for Free

No Waiting. No Time Limit.

With NxTop, you can have a proof-of-concept running today with zero upfront cost. You probably already have everything you need to get started.

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