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Executive brief

Empower global teams with remote access software

Enable virtual teams with high-performing, remote access to graphic-intensive applications, regardless of location, increase productivity and reduce IT spending to ensure a fast ROI

Reduces IT spending

Secures intellectual property

Enables global collaboration

Increases team productivity

Many product design teams still use expensive personal workstations to design core products with 2D and 3D design software. Organizations can reduce IT spending by replacing these outdated workstations with significantly less expensive personal computers that utilize web-based remote access software via a central data center. This provides a considerable cost savings, achieving an ROI in a short amount of time.

OpenText™ Exceed™ TurboX, an OpenText solution for UNIX®, Linux® and Windows® remote employee access, is designed to accelerate productivity, regardless of location. Compared to alternative solutions, Exceed TurboX offers significantly better performance, particularly over wide area networks. Exceed TurboX enables organizations to virtually deploy UNIX, Linux and Windows applications to users by keeping them running on the respective servers, while allowing users to remotely access those applications through a web browser on PCs or an iPad® application. It removes the limitations and complexity normally associated with other remote access methods by offering the fastest connectivity and a uniquely intuitive user experience.

Exceed TurboX is deployed through a centralized, web-based portal for launching applications and handles all administrative tasks. Among its essential management functions are user access control, monitoring and email alerts. It also supports an innovative load balancing feature that ensures sessions begin on the most lightly loaded application server.

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Stability and resiliency are critical elements for any remote access solution. Exceed TurboX can be configured as a highly available solution, with all critical server components providing failover capabilities. The solution is designed for high availability, with graceful failover for all server-side components. The Exceed TurboX core engine is extremely stable and backed by 25 years of experience. Remote sessions are frequently left running for months at a time, without disconnects or crashes.

As business demands dramatically increase, especially for workloads spanning wide geographic areas, Exceed TurboX offers adaptive performance tuning under a wide range of network conditions and application requirements.

Exceed TurboX supports wide-area collaboration by allowing users to screen share with colleagues in other locations. It can also support a mobile workforce through an intuitive iPad application. Exceed TurboX provides a highly secure environment with TLS and SSH encryption across all communications and uses FIPS 140-2 certified cryptographic libraries. The web-based management interface provides enterprise authentication options, as well as fine-tuned user access management and application permissions.

Corporate moves toward data center consolidation

More and more enterprises are looking to consolidate numerous and often distant data center operations into a centralized resource. Remote access solutions can help downsize, or even eliminate, remote data centers, offering dramatic savings in infrastructure spending, power and cooling costs, systems management and physical real estate.

IP protection and security

Protecting IP in a central data center is much easier than through hundreds or even thousands of workstations that contain a mix of local and remote data.

Moving to a centralized access methodology is a big step forward in protecting sensitive data. Securing the information in the data center adds an essential layer of protection by requiring all appropriate staff with requisite privileges access through a firewall. Intellectual property is neither stored nor transferred to the end user's PC, which greatly reduces the risk of IP theft.

Higher productivity

Business leaders are pushing IT departments to come up with solutions to help remote employees be more productive, while ensuring that corporate systems are secure, available and deliver a superior user experience.

Many remote access solutions suffer performance degradation over wide area networks (WANs), especially when it comes to network latency and quality of service. Traditional solutions, such as virtual network computing and its derivatives based on data streaming technology, typically consume substantial network bandwidth and often encounter performance problems in high-latency/low-bandwidth scenarios. This can cause the user interface to become unresponsive, resulting in a degraded user experience.

Collaboration is essential for global teams and Exceed TurboX provides powerful collaboration via screen sharing sessions where users can interact and work together.

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Robust security

Whether identifying and remediating potential security breaches or ensuring conformance to compliance mandates, security is paramount. A top-notch remote access security framework should:

- Secure IP by preventing copying from the data center via screenshots, file copying and data stream recordings.

- Prevent access to secure systems by unauthorized users or hackers.

- Comply with ISO 27001 privacy guidelines.

- Include sensors and alerts that notify an administrator of potential breaches.

Additionally, the remote access solution should encrypt and authenticate all connections, with support for FIPS 140 and 201 standards for government organizations and their contractors.

Mobility

Trends, such as using personal devices and easy access to cloud-based services, mean that employees want and need to do business anywhere and at any time. This need for pervasive mobility puts enormous pressure on organizations to ensure suitable performance over long distances, reliable access to services, data and applications and robust security.

Centralized management

Desktop virtualization enables IT to consolidate thousands of user desktops and application servers into a single, centrally-managed environment. Remote access technologies provide high speed access to these centralized systems, with streamlined management capabilities so that IT can deploy the proper environment for users to remain productive.

Linux®   Mac®   Windows®   iPad®

Internet connection
(e.g., to a data center)

SSL

All data communication
can be SSL encrypted

UNIX   Linux   Windows

Exceed TurboX connection nodes
(session proxies)

Exceed TurboX server web interface
(Linux or Windows)

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