

TGX Remote Desktop

The Low-Latency Remote Workstation for Demanding Graphics & Video

TGX is more than a remote desktop, it is a low-latency remote workstation built for the world's most demanding graphics and video applications. TGX delivers an in-office experience from anywhere, eliminating workflow disruption, enabling workplace mobility, and supporting business continuity for distributed teams.

- Intensive graphics applications supporting 4K resolution across multiple monitors
- Like-local responsiveness
- Connect multiple collaborators to a single session
- Application-neutral: CAD, simulation, GIS, video, AEC, and more

Key Capabilities

Best in Class

- Multi-monitor support
- Uncompressed 4:4:4 color accuracy
- Sharp video at 4K and above
- Screen blanking of sender monitors
- Optional broker with enhanced security

High Performance

- 4K+ desktops across multiple displays
- Fast frame rates
- Real-time keyboard & mouse response
- USB redirection across all platforms
- Collaboration with multiple receivers

Real-Time GUI Control

- Image quality & frame-rate sliders
- Color space and resolution toggles
- Mini-map and display mode selection
- Audio volume control
- Network health monitoring

Built for the Power User, Across Every Industry

Oil & Gas

Access seismic and subsurface datasets with accurate 4:4:4 color fidelity.

Manufacturing

Run CAD programs like Autodesk and SOLIDWORKS seamlessly, without image lag.

Entertainment

Create and edit large video and photo files across multiple devices, including Wacom tablets.

Medical

Visualize patient-critical scans and information securely from anywhere.



Designed for Hybrid IT Environments

Run TGX anywhere you need it, with the same level of performance:

- In the cloud
- On any VDI deployment
- On physical workstations
- Operational over LAN or WAN

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Like-Local Controls

Whether collaborating within the same building or across the world, high-resolution working sessions stay productive with shared keyboard and mouse controls that feel local. A separate encoder stream keeps the host session resilient even when remote collaborators face poor network conditions.

Collaborate on the Fly

TGX allows multiple collaborators to connect to the same session and work together on design and content updates; anytime, anywhere, even outside of scheduled meetings.

Flexible, Lower Cost of Ownership

Flexible pricing options give clients control over spending, with no minimum number of licenses required:

- Perpetual license with 1 or 3 years of maintenance & support. Renew at a lower cost than an annual subscription, or continue using the license without a maintenance contract
- Annual subscription model with a 1-year term, including maintenance & support

Trusted Technology Partners

TGX is backed by an ecosystem of leading technology and reseller partners, including Lenovo, NVIDIA, Red Hat, Leostream, Stratodesk, GeoComputing Group, and Schlumberger, ensuring proven compatibility across workstation, VDI, and cloud environments.

Experience the Difference

Contact ClearCube Technology to request pricing information for TGX Remote Desktop.
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