



leostream

Remote Desktop Access Platform

Case Study

Southwest Engineers Boosts Performance & Productivity with The Leostream® Remote Desktop Access Platform & BOXX Cloud

CUSTOMER PROFILE



Established in 1978, Southwest Engineers serves public and private clients, specializing in civil infrastructure, residential development, and water systems across Texas. The company operates from four locations—Gonzales, Buda, Bastrop, and Round Rock—and has successfully transformed terrain for over 1,000 clients into thriving communities with reliable, resilient systems.

The Challenge

When its managed services provider announced it was permanently closing up shop, Southwest Engineers faced the challenge of sourcing and adopting an almost entirely new IT infrastructure. Having grown accustomed to outsourced infrastructure, the company evaluated a variety of services and found that BOXX Cloud was ideal, particularly for the needs of its team members, using AutoCAD, Civil 3D, and other advanced software. The final challenge was finding a secure, scalable solution to ensure seamless access to the resource-intensive applications hosted in BOXX Cloud.

The Solution

Southwest Engineers chose The Leostream® Remote Desktop Access Platform to facilitate secure and efficient access to BOXX Cloud's workstations-as-a-service. Nearly four dozen high-end workstations were built by BOXX Technologies in their Dallas data center, allowing engineers, designers, and project managers to access dedicated hardware remotely through the Leostream® Platform. This setup ensures that employees can connect to their work from any location with an internet connection, maintaining high performance for resource-intensive tasks like 3D topography and hydrological modeling.

The Leostream® Platform plays a crucial role in this infrastructure by providing seamless and secure remote access to the virtual workstations. With BOXX Cloud and Leostream, all processing takes place on-premise in Dallas. The only data transmitted to the user's device is the screen display, and the only data sent back are keyboard and mouse inputs, optimizing performance and ensuring a consistent and responsive user experience.

Implementation & Transition

The Leostream Platform was crucial in Southwest Engineers' transition to a cloud-based infrastructure. During the holiday break, data and applications were seamlessly moved to BOXX Cloud, allowing employees to log into their new environment effortlessly through Leostream upon returning to the office.

The platform's flexibility extended beyond high-end cloud workstations by supporting standard virtual machines for employees who only needed basic office applications. The Leostream Platform connects users to these virtual machines using Microsoft Remote Desktop Protocol (RDP) while using PCoIP to connect users to Windows 10 and Windows 11 workstations running resource-intensive applications. This ensured all employees had secure, consistent access to their work environments regardless of their software requirements.

"Leostream has the best connection broker option for Windows 10 and 11 and integrates well with Azure and other industry-standard, well-maintained, well-documented products," said Wiggins. "It's ridiculously easy to set up, easy to use and manage, and designed for security. It just works,"

David Wiggins - System Administrator at Southwest Engineers

Are you ready to experience all the benefits of what the world's leading Remote Desktop Access Platform offers?

Our expert team is waiting to show you a whole new way to connect your people and your business.



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