



# LONE STAR TRANSPORTATION

## Keeping cargo moving around the clock.

To help ensure it can deliver cargo on time, Lone Star Transportation selects a hyperconverged infrastructure from Lenovo and Nutanix to keep its fleet management applications running reliably 24/7.

Lenovo





Lone Star Transportation is a specialized trucking company that provides heavy-haul carrier services across North America. Headquartered in Fort Worth, TX, Lone Star delivers to the 49 continental US states as well as Canada and Mexico.

When organizations need to transport heavy, oversized or wide-load equipment, they call Lone Star. The company is one of the leading heavy-haul service providers in the US, with 14 terminals located across the country.

To deliver cargo of all shapes and sizes safely and on time, Lone Star relies a core set of logistics, fleet management and communications applications running around the clock.

David Musgrave, Director of IT at Lone Star, takes up the story: “We’re a 24/7 company with trucks on the road every minute of every day. We use GPS technology and in-vehicle communication systems to keep in contact with drivers at every stage of the journey, so that we can inform them of any changes and they can keep us up to date on their progress. This also enables customers to track their orders online, all hours of the day. We simply cannot afford for these systems to go down.”

To ensure continuous uptime for its mission-critical fleet management solutions, Lone Star looked to refresh its aging data center infrastructure.

“We had a diverse mix of hardware in place, which we had built up piece by piece over the years,” says David Musgrave. “It was like a spider web of servers and storage systems from different vendors, which was becoming increasingly difficult to manage.”



David Musgrave adds: “The hardware itself was approaching end of life, and we were beginning to run into performance and reliability issues.”

To rationalize its data center operations, Lone Star decided to replace its legacy servers and storage systems with a hyperconverged infrastructure based on Lenovo and Nutanix technology.

David Musgrave recalls: “We spoke to all the big-name vendors, and Lenovo’s offering came out on top. The level of technical expertise and commitment that the Lenovo team demonstrated during the evaluation period convinced us that they were the right partner for us.”

Working with its long-time technology partner SHI and a team from Lenovo Services, Lone Star implemented a cluster made up of three Lenovo ThinkAgile HX3320 appliances at its primary data center, and a second three-node cluster at its DR site.

Pre-integrated with the Nutanix Enterprise Cloud OS, the Lenovo ThinkAgile appliances provide a plug-and-play hyperconverged infrastructure that pools compute and storage resources into a single virtual structure—simplifying data center operations while offering easy flexibility and scalability.

“We’ve been so impressed with the Lenovo-Nutanix solution so far,” remarks David Musgrave. “We haven’t experienced a minute of downtime or service disruption. The solution is also extremely user-friendly, which is perfect for companies like ours with a lean IT team.”



David Musgrave continues: “We particularly appreciate the Nutanix Prism tool, which enables us to manage everything from a single point of control. It’s made life so much easier.”

Lone Star has also seen a significant boost in performance since moving to the Lenovo ThinkAgile HX Series platform, which features powerful, latest-generation Intel® Xeon® Scalable processors.

David Musgrave comments: “The performance improvement is outstanding. Applications are running faster, ensuring a smooth service for our end-users. Crucially, the IT team no longer has to struggle with load balancing or juggling resources around to keep operations on track. With the Lenovo solution, everything runs efficiently.”

And with expert, responsive assistance from Lenovo Support Services, Lone Star can be sure of keeping operations running smoothly day in, day out.

“We’re delighted with the quality of support we receive from Lenovo,” says David Musgrave. “With some of the vendors we worked with in the past, we counted ourselves lucky if we could even get somebody on the phone. After submitting support tickets online, we would get a reply via email hours, or even days, later. There was no urgency, and we often felt like we weren’t a priority.

“Whenever we get in touch with Lenovo Support, the service is always excellent. Someone will call us within 30 minutes of opening a ticket to answer our questions and help us resolve any issues. All of our mission-critical systems run on the Lenovo hyperconverged infrastructure, so if something ever were to go wrong, we need to know that we can count on them to get things fixed before it impacts operations.”



He concludes: “We love the simplicity, reliability and performance of ThinkAgile HX Series platform. With our new Lenovo hyperconverged infrastructure underpinning operations, we can be sure of keeping cargo moving 24 hours a day, 365 days a year.”

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– David Musgrave, Director of IT, Lone Star Transportation



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