

Technology

Combining AI with human expertise to **break down** **language barriers**

Translated

Translated deploys a Lenovo ThinkSystem SR670 server powered by NVIDIA® GPUs to support demanding AI workloads and accelerate the delivery of localized content in 200 global languages.

Powered by



Lenovo

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Who is Translated?

Translated is a leading language services provider and a pioneer in the use of artificial intelligence (AI) to assist professional translators. The company was founded in 1999 by linguist Isabelle Andrieu and computer scientist Marco Trombetti to allow everyone to understand and be understood in their own language.

In pursuit of its mission, Translated invented commercial context-adaptive machine translation (MT) in 2017 with ModernMT, which was named a world-leading MT in the 2022 IDC MarketScape report. With ModernMT, Translated combines the sensitivity of over 500,000 vetted, native-speaking professional translators with the speed and capability of machines, making it possible to tackle localization projects that were once unimaginable.

Today, Translated delivers fast, consistent, high-quality translations to over 500,000 customers in 201 languages and over 40 subject areas.



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The Challenge

Translated has grown rapidly, translating hundreds of millions of words each year. But in a crowded market, the company must deliver a service that is fast, cost-effective, and reliable to maintain brand loyalty and win new business.

This makes Translated's technology infrastructure a key component of its long-term success. Each localization job involves the use of trained AI models to perform real-time translations, before the company's network of professional linguists check and validate the content. Running these AI inference workloads is extremely demanding, requiring exceptionally high levels of compute power—and any performance dips or downtime could lead to delays in delivering output to clients.

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“As we processed more and more localization requests, our existing servers were under mounting pressure. We started to look for a new solution that would deliver greater capacity to support our AI workloads, and help us to increase the speed of our translation services.”

Disheng Qiu

VP of Engineering, Translated

Selecting a solution engineered for **AI** workloads

To support its growing operations, Translated searched for a server with the performance, scalability, and stability to run multiple AI algorithms simultaneously. The company found the ideal solution in the Lenovo ThinkSystem SR670 V2, equipped with eight NVIDIA® GPUs.

Disheng Qiu, VP of Engineering at Translated, continues: “The Lenovo ThinkSystem SR670 V2 is a very impressive solution, well-suited to running compute-intensive workloads. The option to use NVIDIA GPUs was an important part of our decision, and we tested our whole software stack on the server before committing to the purchase. The results were excellent, and the NVIDIA GPUs now support all of our AI workloads.”

Hardware

Lenovo ThinkSystem SR670 V2
NVIDIA® GPUs

Services

Lenovo Installation Services

Going live within **four** **days**

With client requests arriving daily, there was no time to lose getting the Lenovo server up and running. Translated's internal IT team worked with Lenovo Installation Services to deploy the new solution in just three days, and went live one day later. The Lenovo server supports both production and testing environments, helping the company support research and development into new AI models.

Translated replaced multiple older server units with the compact 2U Lenovo ThinkSystem SR670 V2 solution, generating valuable rack space savings in the data center.



“We needed the new server working as soon as possible. Thanks to our expert in-house team at Translated and great support from Lenovo, everything went quickly and smoothly. We had the right configuration settings ready almost instantly, with no need for any initial trial and error.”

Disheng Qiu

VP of Engineering, Translated

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Results

With the Lenovo and NVIDIA solution, Translated is helping more people and businesses transcend language barriers and communicate seamlessly with a wider, global audience. The Lenovo ThinkSystem SR670 V2 has proved a rock-solid, reliable platform, enabling the company to complete translation jobs for clients round-the-clock, and both production and testing workloads are now running much quicker.

Disheng Qiu adds: “The Lenovo solution has made a big impact. The performance is much higher than our old setup, enabling us to translate items faster and deliver localized content to clients sooner, which will help to build long-term loyalty and win new business. We also have greater capacity for testing and training new AI models to optimize our services and offer even higher-quality translation work.”



Enables AI translation models to run 24/7



Accelerates delivery of localized content to clients



Generates rack space savings in the data center

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“We are very pleased with the Lenovo ThinkSystem SR670 V2 server. Managing the solution is very easy, and has helped to reduce the strain on our internal IT team.”

Disheng Qiu

VP of Engineering, Translated

Why **Lenovo**?

In the past, Translated relied on servers from another vendor, but knew about Lenovo's reputation for quality and reliability. During the search for a solution, the company requested guidance from Lenovo, and the proposed solution ticked all the boxes.

Disheng Qui explains: "The Lenovo ThinkSystem SR670 V2 offers excellent performance and cost-effectiveness, and is powerful enough to support us as we evolve our AI models. The consultancy and support from our Lenovo representative was also very strong, and we knew we could move the Lenovo server into production very quickly."



How can service providers respond faster to their clients?

With Lenovo, Translated deployed a powerful server purpose-built for demanding AI workloads, helping to complete translation work faster.

[Explore Lenovo ThinkSystem Solutions](#)

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