Technology

# Helping businesses grow with secure, reliable cloud services

## GigaCloud

Ukraine's most-trusted provider of public and private cloud solutions expands its services with Lenovo ThinkSystem servers and storage—enabling more companies to benefit from its powerful, robust, and secure cloud services.

Lenovo

# Who is GigaCloud?

Founded in 2016, GigaCloud is a leading provider of public and private cloud solutions—including Dedicated IaaS, backup and recovery services, virtual desktop infrastructure, a GPU cloud for AI and other high-load processes, and specialized cloud services for the government, agricultural, healthcare, finance and IT sectors. Based in the EU and Ukraine, GigaCloud assists more than 1,500 customers and 250 business partners from its network of over 80 data centers. Services based on GigaCloud infrastructure are used daily by more than 20 million people.

**GigaCloud**

# The
# Challenge

GigaCloud has twice been recognized as the best IaaS provider in Ukraine. With demand for its services rising, the company has seen an average year-on-year growth of 40%—providing more opportunities for GigaCloud to expand its operations in Ukraine and beyond.

With its private and public cloud services proving increasingly popular with businesses of all sizes, GigaCloud set out to expand its data centers. However, when war broke out in Ukraine, the company found it much harder to access the hardware and support it needed to drive continued growth. At the same time, GigaCloud saw a surge in demand from customers wanting to store their critical systems in data centers outside Ukraine. To meet this need, the company looked for a fast, cost-effective way to grow its business while still ensuring its excellent reputation for reliability and security.

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Cybersecurity, resilience, and business continuity are now major concerns for most companies in Europe, so it's vital that we use the best and most-trusted technologies as the foundation of our services. With more customers looking to move their data to infrastructure in the EU, we must grow quickly at home and abroad to ensure that we can maintain our leading market position as we compete with more cloud service providers."

**Ihor Chornobai**
Head of Delivery Department, GigaCloud

# Investing in **powerful hardware**

To drive rapid growth and support the creation of new cloud services, GigaCloud decided to expand its Kyiv and Warsaw data centers with Lenovo ThinkSystem SR630 V2 and V3 servers and SR650 V2 and V3 servers. The company also deployed Lenovo ThinkSystem DE4000H and DE6000H storage alongside the servers.

Currently, GigaCloud has more than 200 servers and 150 storage devices installed across its two data centers—and 60% of this hardware is Lenovo technology.

## Hardware
Lenovo ThinkSystem SR630 V2
Lenovo ThinkSystem SR630 V3
Lenovo ThinkSystem SR650 V2
Lenovo ThinkSystem SR650 V3
Lenovo ThinkSystem DE4000H
Lenovo ThinkSystem DE6000H

## Software
Lenovo XClarity
VMware ESXi

# Flexible technology, simplified maintenance

In addition to scaling up its data centers with Lenovo infrastructure, GigaCloud chose to manage all of its new Lenovo systems with Lenovo XClarity, a management solution that technicians use to automate resource provisioning, operational management, and other routine maintenance tasks. GigaCloud has virtualized the vast majority of its Lenovo servers using VMware ESXi, giving the company a quick, secure, and hassle-free way to create and manage new environments.

Moreover, the partnership with Lenovo has enabled GigaCloud to offer hybrid solutions that integrate its clients own on-premise Lenovo hardware with GigaCloud's cloud services—enabling rapid deployments in just a matter of days.

"More of our customers are using AI and big data analytics solutions, and we need to provide them with the compute power and fast access to data that they need to extract maximum value from these technologies," explains Ihor Chornobai, Head of Delivery Department at GigaCloud. "Because Lenovo ThinkSystem servers support a range of powerful GPUs and support highly responsive virtualized storage area networks, we can go above and beyond customer expectations on performance and IOPS."

"Lenovo is much more than a technology vendor; they are partners in our strategic growth. Lenovo engineers are always willing to help us harness the full power of our Lenovo hardware and design efficient, easy to manage, and highly secure system architectures."

**Ihor Chornobai**
Head of Delivery Department, GigaCloud

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# Results

With Lenovo hardware at the heart of its operations, GigaCloud can keep pace with year-on-year growth. After adding more capacity to its Warsaw data center, the company can now cater to increasing demand for cloud services in its domestic market and from other EU countries.

GigaCloud maintained its 99.95% uptime SLA and TIER III infrastructure provider requirements during the move to Lenovo infrastructure. And by enabling 30% faster provisioning for new environments, the Lenovo ThinkSystem solutions are helping GigaCloud to drive rapid expansion and deliver ultra-responsive services.

✔ **Maintained 99.95% uptime during migration**

✔ **Enables 30% faster provisioning for new customer environments**

✔ **Supports 40% year-on-year growth**

"We've used Lenovo hardware to support the vast majority of our services for over four years. During that time, we have never encountered any issues and have always been able to delight new and existing customers with secure, reliable, high-performance cloud services."

**Ihor Chornobai**
Head of Delivery Department, GigaCloud

# Why **Lenovo**?

As a cloud services provider, GigaCloud stakes its reputation on the hardware deployed in its data center. Because of this, the company only selects the best solutions.

"Our customers want to know that we secure their data and key applications on reputable, reliable hardware," comments Ihor Chornobai. "We chose Lenovo ThinkSystem solutions not only because they are industry-leading, but also because they are incredibly easy to use and manage. What's more, the Lenovo team went above and beyond to understand the unique needs of our business and provide excellent support and guidance every step of the way. Backed by Lenovo, we are well placed to secure our position as Ukraine's leading cloud services provider."

# How can cloud services providers ramp up to meet demand?

GigaCloud supports 40% annual growth by expanding its operations with Lenovo ThinkSystem servers and storage.

**Explore Lenovo Server and Storage Solutions**