

Technology | South Korea

Driving growth with cost-effective virtualization

Innogrid

Leading cloud service provider Innogrid teamed up with Lenovo and Intel to help customers break free from costly virtualization software licenses. With Lenovo ThinkSystem solutions powered by 4th Gen Intel® Xeon® Scalable processors, Innogrid can spin up virtualized private cloud environments for customers 30% faster.



Lenovo

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Customer background

Who is Innogrid?

One of Korea's leading cloud solution companies, Innogrid has over a decade of expertise in core cloud technologies. Offering full-stack solutions including infrastructure as a service (IaaS), platform as a service (PaaS), and software as a service (SaaS), the company serves over 250 clients across multiple sectors. With hundreds of patents and certifications, Innogrid is driving innovation in hybrid, AI-based, and Web3-ready cloud ecosystems.

INNOGRID

CLOUD COMPUTING EXPERT

2 The challenge

Already one of the top cloud solutions providers in Korea, Innogrid aims to strengthen its market-leading position by staying ahead of evolving customer requirements.

SungJin Lee, Director, Cloud Infrastructure at Innogrid, comments: “Virtualization is a key component of today’s IT infrastructures, but some of the most widely used virtualization technology platforms have highly restrictive and costly licenses. We saw an opportunity to solve that challenge by offering our customers a more flexible and cost-effective alternative.”

2 The challenge

Innogrid decided to build a brand-new IaaS solution that would scale rapidly and deliver high performance for virtualized workloads.

“To ensure our new IaaS solution would be reliable and easy to manage, we wanted to build it with a single hardware vendor,” says SungJin Lee. “The aim was to develop and validate the infrastructure up front—giving us a repeatable template for each new customer implementation.”

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“We determined that Lenovo ThinkSystem solutions, powered by Intel® Xeon® Scalable processors, were an excellent fit for our requirements—offering us high performance and seamless scalability.”

SungJin Lee

Director, Cloud Infrastructure, Innogrid

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The
solution

Designing a repeatable template

Working with Lenovo, Innogrid designed a standardized hardware appliance for its new private cloud offering. Combining high-performance [Lenovo ThinkSystem SR650 V3](#) servers, powered by 4th Gen Intel® Xeon® Scalable processors, with [Lenovo ThinkSystem DM5000H Unified Hybrid Storage Arrays](#), the hardware appliances run Innogrid's open-source virtualization solution, based on Linux KVM.

“Our customers can rapidly size and configure an environment to suit their needs,” explains SungJin Lee. “Working with Lenovo, we provision a dedicated hardware appliance for each customer—giving them a secure virtualized environment at a fraction of the cost of other leading virtualization software providers.”

Hardware

[Lenovo ThinkSystem SR650 V3 Server](#)
powered by 4th Gen Intel® Xeon®
[Scalable processors](#)
[Lenovo ThinkSystem DM5000H](#)
[Unified Hybrid Storage Array](#)

Software

[Lenovo XClarity Administrator](#)
Linux KVM
Red Hat Enterprise Linux
Rocky Linux

Services

[Lenovo Deployment Services](#)

3

The
solution

Scaling rapidly

Working with a team from Lenovo, Innogrid is migrating its first customers to the new Lenovo and Intel appliances. Enabling high density for virtual machines and low power consumption, 4th Gen Intel® Xeon® processors deliver trusted performance and exceptional efficiency—helping the company to keep its costs competitive. Meanwhile, centralized resource management from [Lenovo XClarity Administrator](#) minimizes manual administration work.

“We have already onboarded our first customers to the new private cloud platform,” says SungJin Lee. “The hardware implementation process went very smoothly, and we’ve found Lenovo easy to work with.”

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“Our Lenovo and Intel solutions are excellent in terms of performance and reliability—helping us to build a strong reputation and grow our private cloud customer base by 60% and counting.”

SungJin Lee

Director, Cloud Infrastructure, Innogrid

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The results

With Lenovo and Intel solutions underpinning its new private cloud offering, Innogrid is winning and onboarding new customers rapidly.

“Equipped with a standardized architecture from Lenovo and Intel, we can spin up new customer environments 30% faster and at 15% lower cost than if we were going out to tender for the hardware,” says SungJin Lee. “What’s more, Lenovo XClarity Administrator enables us to automate and streamline system maintenance, reducing routine management requirements by around 15%.”



30% shorter time to market



15% lower cost than equivalent solutions



60% growth in private cloud customers



15% reduction in IT maintenance requirements

* Data provided by Innogrid

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“We’re highly satisfied with all aspects of our partnership. Lenovo is a true strategic partner, and their technology will remain an integral part of Innogrid’s solution stack for years to come.”

SungJin Lee

Director, Cloud Infrastructure, Innogrid

Why Lenovo and Intel?

When searching for a hardware partner, Innogrid assessed providers based on core criteria including reliability, cost-effectiveness and support.

“Lenovo ThinkSystem servers and storage scored very highly in terms of reliability, availability, and technical support compared to other vendors,” recalls SungJin Lee. “Intel Xeon Scalable processors were also a strong fit for our private cloud use case, as they were fully compatible with our open-source solution stack.”

How can cloud companies scale faster?

By building on Lenovo and Intel solutions, Innogrid has more than doubled its private cloud customer base in Korea.
That's the power of Lenovo with Intel Inside®.

[Explore Lenovo ThinkSystem Solutions](#)



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