

Technology

Pushing the boundaries of authentication technology

METSAKUUR INC.

Meeting growing demand for innovative digital authentication solutions with Lenovo ThinkSystem SR650 V3 servers powered by 4th Gen Intel® Xeon® Scalable processors.

Powered by



Lenovo

1

Who is METSAKUUR INC.?

METSAKUUR INC. is an AI digital authentication specialist based in South Korea. Its accuracy (KISA certified 100%), processing speed (KOLAS certified 0.06 seconds compared to 1:10 million people), and security (Korea Information and Communication Technology Association test passed) have been officially certified. METSAKUUR INC. primarily serves the financial and public sectors. It holds the largest number of references in Korea from major financial institutions and supplies the government's mobile driver's license technology. The company is working to introduce its technology to other industries, including the education, construction, medical, and automotive sectors.

METSAKUUR INC. is leading digital innovation in the domestic financial industry by supplying digital authentication technology such as mobile banking login systems, non-face-to-face facial recognition identity verification solutions, and internal system access controls. In the case of the mobile banking login system, around 4 million users have been registered and 200,000 daily authentication requests are processed every day. And in the case of the technology for the government's mobile driver's license construction project, approximately 2.21 million authenticational requests have been completed to date.

METSAKUUR
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2

The Challenge

With escalating societal concerns around data protection, companies and consumers are looking for new authentication methods. Cyber-criminals are employing increasingly sophisticated techniques to steal people's data, exceeding the capabilities of existing authentication approaches.

In response, METSAKUUR INC. recognized a gap in the market for next-generation digital authentication technology powered by AI. The company began looking for the right underlying technology platform that would support the rapid authentication, high accuracy, and strong security required to set its solutions apart from the competition.

Finding a go-to-market partner

METSAKUUR INC. built its innovative AI-powered digital authentication solutions on Lenovo ThinkSystem SR650 V3 servers, powered by 4th Gen Intel® Xeon® Scalable processors.

Lenovo provided the company with demo equipment for compatibility and performance testing. Following positive results, METSAKUUR INC. integrated its software with the Lenovo servers.

Hardware

Lenovo ThinkSystem SR650 V3 servers
4th Gen Intel® Xeon® Scalable processors

Software

Intel® Distribution of OpenVINO™ toolkit
Intel® Software Guard Extensions

Developing next- generation solutions

By combining METSAKUUR INC. software with Lenovo hardware, the company gained powerful, reliable foundations for its solutions, providing sophisticated capabilities such as face anti-spoofing, face-based age and sex estimation, and detection of masks and sunglasses. For customers that require it, METSAKUUR INC. also offers features that encompass the entire Know Your Customer (KYC) process, including 1:N face identification, end-to-end encryption, and hologram detection for IDs.

METSAKUUR INC. company provides multi-channel capabilities, allowing users to register faces on their mobile devices and use them to authenticate themselves at automated teller machines (ATMs), for example. METSAKUUR INC. worked with Lenovo to harness Intel® Software Guard Extensions to secure biometric data via external hardware security modules.

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“To bring our game-changing solutions to life, we needed the very best in technology foundations. Lenovo and Intel are delivering on that goal. Lenovo ThinkSystem servers offer the performance, security, and reliability we wanted, plus we benefit from fast technical support and responsive customer service.”

Seung-Hoon Jee

CISO, METSAKUUR INC.

3

Results

METSAKUUR INC. has successfully launched its digital authentication solutions based on Lenovo ThinkSystem servers and is expanding its customer base fast. Thanks to built-in security and availability features, the company is winning market share in sectors such as finance and government, including some of South Korea's most well-known institutions.



Reached millions of users for METSAKUUR INC.'s AI-powered digital authentication solutions



Accelerated delivery times



Enabled ultra-high availability

Acting on opportunities fast

By collaborating with Lenovo, METSAKUUR INC. is driving down delivery times for its solutions, helping its growing customer base enjoy the benefits sooner. Through an original equipment manufacturer (OEM) delivery model with Lenovo, the company streamlines the build and delivery process significantly, enabling it to slash time-to-value.

Taking advantage of CPU optimization with the Intel® Distribution of OpenVINO™ toolkit is enabling METSAKUUR INC. to provide exceptionally high availability levels for its solutions. This helps to differentiate the company's offering from competitors, attracting new customers and securing long-term loyalty from existing clients.



“We aim to expand through various customer channels, so it’s vital that our solutions are highly available and secure. Lenovo technology is helping us to exceed customer expectations, so they come back to us year after year.”

Seung-Hoon Jee
CISO, METSAKUUR INC.

Why **Lenovo**?

Working with Lenovo, METSAKUUR INC. gained the support to bring its unique solutions to market quickly and effectively. The company is now part of the Lenovo AI Innovators Program and has been designated as a specialized independent software vendor partner in South Korea.



How can digital authentication succeed at scale?

METSAKUUR INC. launches secure, reliable digital authentication solutions based on Lenovo servers, standing apart from the competition.

[Explore Lenovo ThinkSystem Solutions](#)

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