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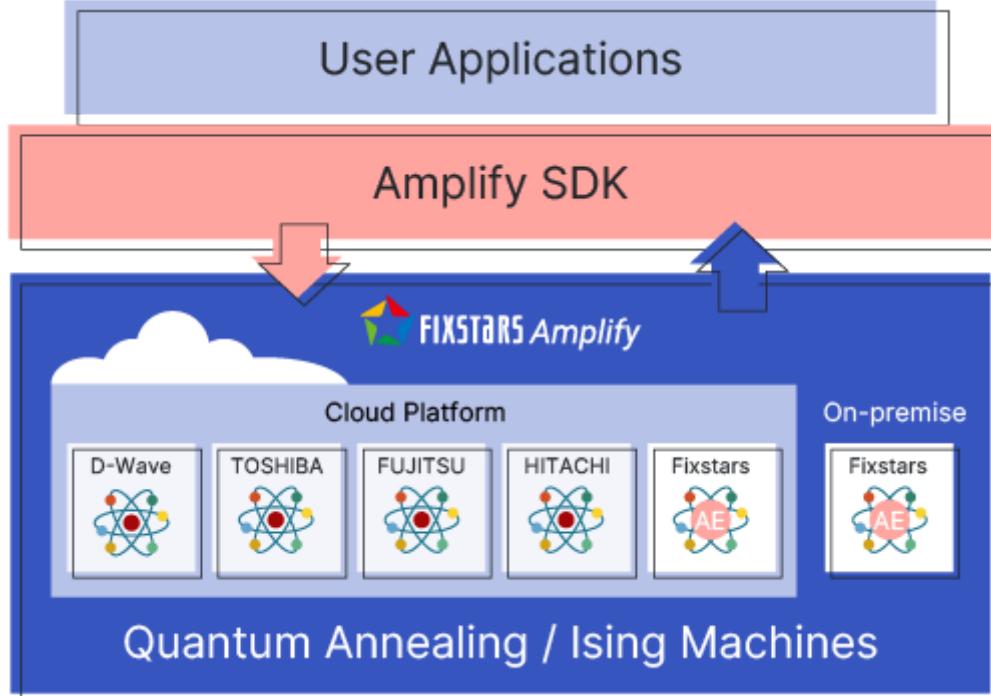
Fixstars Amplify Optimization Cloud Service Surpasses 1,000 Registered Organizations and 100 Million Cumulative Executions

Solidifying its Position as the De Facto Standard for Combinatorial Optimization in Japan

IRVINE, California – Dec 11, 2025 – Fixstars Corporation (TSE Prime: 3687, US Headquarters: Irvine, CA), a leading company in performance engineering technology, today announced that its optimization cloud service "Fixstars Amplify" (Amplify), developed and provided by its group company Fixstars Amplify Corp. has exceeded 1,000 registered organizations, and the cumulative execution count of its optimization engine, "Fixstars Amplify Annealing Engine" (AE), has exceeded 100 million (*).

(*) One execution count refers to a user performing a single solve. In recent months, between 150,000 and 250,000 solves are executed daily.

Fixstars Amplify Service Concept Diagram



About the cloud service "Fixstars Amplify"

Amplify is an optimization cloud service that leverages cutting-edge technologies such as quantum, AI, and GPU to address complex social challenges, providing a program

development environment (Amplify SDK) and an execution environment (Amplify AE) for solving optimization problems.

The Amplify SDK is designed for simple and efficient application development, enabling unified handling of various quantum annealing/Ising machines [1], mathematical optimization solvers, and gate-model quantum computers. On the other hand, the Amplify AE is a large-scale Ising machine built on GPU, capable of solving combinatorial optimization problems of up to 260,000 bits at high speed. The on-premise version was also launched in October 2025, with adoption progressing primarily in the manufacturing industry, which has stringent security requirements.

By utilizing Amplify, organizations can optimize the allocation of resources, personnel, time, and other factors for various business and social issues that exist as combinatorial optimization problems [2]. Amplify is steadily establishing its position as the de facto standard in the field of combinatorial optimization solutions within the Japanese market.

Background of Achievement

Since the service launch in October 2021, the use of Amplify has been expanding across diverse industrial sectors, consistently supporting projects from advanced optimization PoCs (Proof of Concepts) to practical business applications, often paired with support services by optimization experts. It has already been adopted in diverse business domains, including the manufacturing production plans, employee assignments, factory power efficiency, and advanced allocation of advertisements, and its use is expanding as a foundation to support daily decision-making.

In recent years, there has also been a rapidly growing need for black-box optimization using quantum annealing and Ising machines. The application scope is expanding to include design optimization for automobiles and other products, Materials Informatics (MI), and parameter search for AI models, further increasing the presence of optimization technology.

Comment from Yoshiki Matsuda, CEO of Fixstars Amplify

"We are pleased to announce that Fixstars Amplify has reached the milestone of 1,000 registered organizations and 100 million cumulative executions. We express our sincere gratitude to our customers who use our service daily and to all stakeholders who support us. Building on our strong track record in Japan, we will continue to enhance our highest-performance optimization technologies and strengthen support for its adoption across a wide range of industries. With the vision of 'Optimal Answers with Cutting-Edge Technologies. Making Society Smarter', we aim to advance the global adoption of optimization technologies."

[1] Ising Machine : An Ising machine is a specialized machine designed to solve combinatorial optimization problems, with methods like "Quantum Annealing," which utilizes quantum mechanical effects.

[2] Combinatorial Optimization Problem : Combinatorial optimization problems are important issues in diverse industries, including manufacturing, logistics, and finance. They involve selecting the optimal combination from a vast number of possibilities to achieve a specific objective. For example, applying them to logistics transportation plans or manufacturing production plans contributes to improving business activities and return on investments. More variables and conditions lead to exponential growth in combinations, quickly making the calculations intractable.

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About Fixstars Amplify Co., Ltd.

Fixstars Amplify provides an optimization cloud service designed to address complex societal challenges by leveraging advanced technologies such as quantum computing, AI, and GPU acceleration. Operating under the vision, "Optimal Answers with Cutting-Edge Technologies. Making Society Smarter", it develops and offers the "Fixstars Amplify SDK" — a development environment capable of seamlessly handling diverse solvers, including quantum gate and quantum annealing methods — along with its proprietary, high-performance solvers, "Fixstars Amplify AE/SE". With over 1,000 registered organizations and cumulative executions surpassing 100 million (as of December 11, 2025), Fixstars Amplify is actively and vigorously driving adoptions and implementations of this technology across a wide array of fields.

<https://amplify.fixstars.com/en/>

About Fixstars Corporation

Fixstars is a technology company dedicated to accelerating AI inference and training through advanced software optimization solutions. It supports innovation in healthcare, manufacturing, finance, mobility, and other industries. For more information, visit: <https://www.fixstars.com/>

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