

FOR IMMEDIATE RELEASE

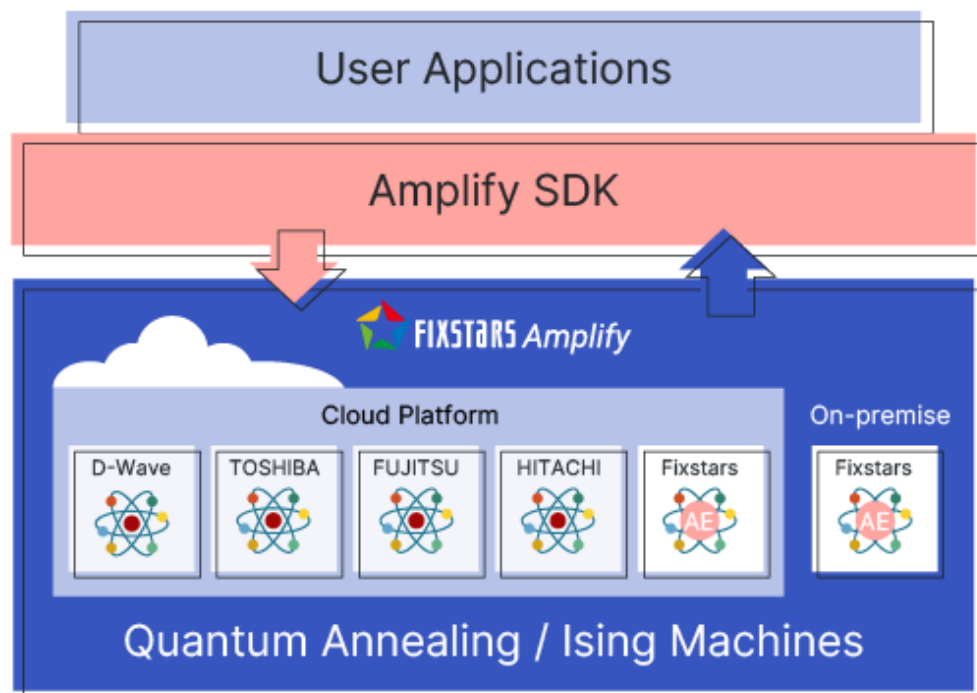
Fixstars Amplify Launches On-Premises Deployment Service for Its High-Performance Combinatorial Optimization Solver "Fixstars Amplify AE"

Enabling Enhanced Security, High-Speed Response, and Dedicated Use

IRVINE, California – Oct 30, 2025 – Fixstars Corporation (TSE Prime: 3687, U.S. Headquarters: Irvine, CA), a leading company in performance engineering, today announced that its group company, Fixstars Amplify Corporation (Head Office: Minato-ku, Tokyo; CEO: Yoshiki Matsuda), has launched “Fixstars Amplify AE Enterprise (Amplify AE Enterprise).” This new service enables deployment of the GPU-based Ising machine, “Fixstars Amplify Annealing Engine (Amplify AE),” in on-premises environments.

Amplify AE, a high-performance combinatorial optimization solver, was previously available only as a cloud service. With the development of a stable framework for deployment on GPU servers, the new service allows customers to build and exclusively utilize the engine within their own environments.

Amplify AE Enterprise (Japanese): <https://amplify.fixstars.com/ja/enterprise>



About Amplify AE Enterprise

Amplify AE is a GPU-based quantum annealing and Ising machine developed based on Fixstars' high-performance computing technologies. It has previously only been offered as a cloud service. Amplify AE Enterprise enables customers to build and deploy Amplify AE stably within their own environments for dedicated use.

Support for More Advanced Security Requirements:

Since the user can use computational resources within the customer's private network without passing through the cloud, the user can perform optimization involving highly confidential data.

Fast Response and Long-Running Executions:

Minimized network latency results in fast response times. Furthermore, the user can stably perform time-consuming, large-scale optimization due to the dedicated computational resources.

Flexible Deployment Options:

We support building and deploying Amplify AE within users' existing environments, such as servers equipped with NVIDIA GPUs. Alternatively, we can offer local LLM workstations, "Fixstars AIStation," with Amplify AE pre-installed.

Fixstars Amplify AE Enterprise (Japanese): <https://amplify.fixstars.com/ja/enterprise>

Fixstars AIStation (Japanese): <https://www.fixstars.com/ja/ai/ai-station>

About Fixstars Amplify Corporation

Fixstars Amplify Corporation was established in 2021 as a subsidiary of Fixstars Corporation. Through its quantum computing platform business, the company aims to bridge cutting-edge technologies such as quantum computing with real-world society, addressing a wide range of social and industrial challenges. By providing cloud-based and on-premises solutions for combinatorial optimization, along with system development and consulting services, the company helps accelerate the path toward a more efficient and optimized society. <https://amplify.fixstars.com/en>

1. Combinatorial Optimization Problems

Combinatorial optimization problems are highly calculation-intensive issues across various industries, including manufacturing, logistics, and finance. They involve finding the optimal combination for a specific objective from a vast number of possible combinations. For instance, calculating the optimal patterns for logistics transportation plans or production schedules can help improve business efficiency and forecast return on investment. However, a key characteristic is that the number of combinations rapidly increases as the number of variables and constraints to consider grows.

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