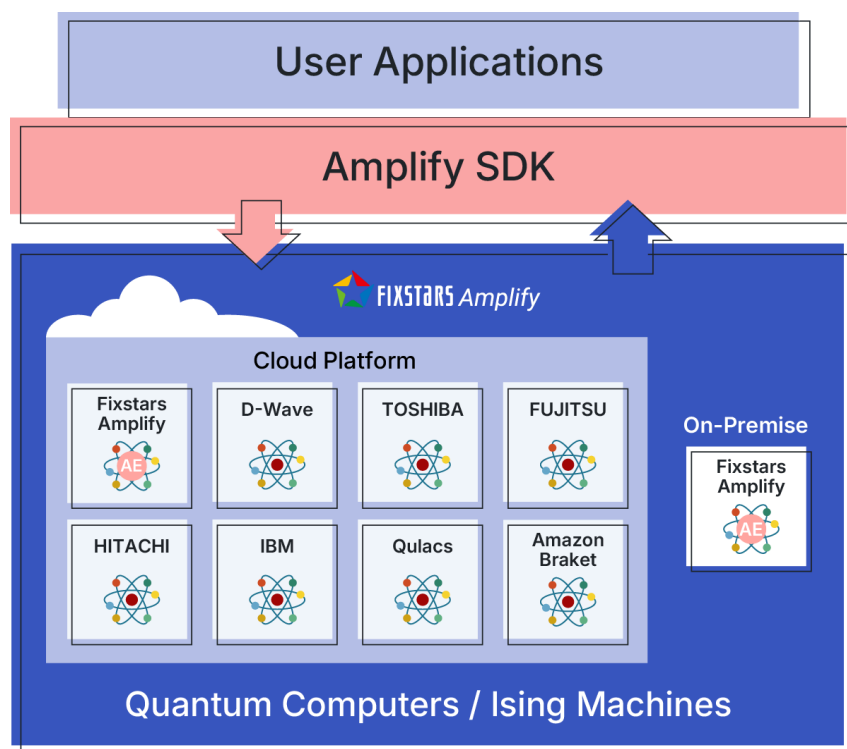


FOR IMMEDIATE RELEASE

Fixstars Amplify Expands Quantum Computer Providers and Algorithms

Empowering Combinatorial Optimization R&D via Amazon Braket and New Algorithms

IRVINE, California – May 22, 2026 – Fixstars Corporation (TSE Prime: 3687; President and CEO: Satoshi Miki), a leading company in performance engineering, today announced that its group company Fixstars Amplify Corporation (President and CEO: Yoshiki Matsuda) has launched Amplify Quantum, a new extension to the Fixstars Amplify SDK—a software development environment for quantum computing—that significantly enhances support for optimization on quantum computers.



The Fixstars Amplify SDK has long provided a unified development environment for solving combinatorial optimization problems across a wide range of quantum annealers and Ising machines. With Amplify Quantum, users can now connect more easily to IBM Quantum, Qulacs, and Amazon Braket(*), further strengthening support for quantum computers. The newly added Amazon Braket integration, in particular, significantly expands the range of available solvers.

* Users are responsible for obtaining the relevant licenses.

Accelerating R&D on Quantum Optimization

Quantum computers vary widely in qubit count, error rates, and other characteristics depending on the provider and device. Unlocking their full potential therefore requires identifying the optimal device-algorithm pairing from a broad set of options.

Amplify Quantum is designed to meet these advanced R&D needs and provides a platform to support the future development of quantum computing through the following features.

Key Features of Amplify Quantum

Seamless access to diverse computing resources: Amazon Braket provides access to quantum computers from multiple vendors, substantially expanding the choice of available quantum hardware and simulators. By simply swapping the SDK's client class, users can run optimizations and benchmark performance across different quantum devices using a single, unified codebase, eliminating the need for device-specific programming.

Expanded support for algorithms: In addition to the previously supported Quantum Approximate Optimization Algorithm (QAOA) [4], Amplify Quantum now supports several other leading quantum optimization algorithms, allowing users to select and execute the best-suited algorithm for each device's characteristics.

Support for additional quantum computers and algorithms will continue to expand over time.

For details on Amplify Quantum:

<https://amplify.fixstars.com/docs/amplify/v1/quantum/index.html>

About Fixstars Amplify Corporation

Fixstars Amplify provides optimization cloud services that address complex social challenges by leveraging cutting-edge technologies including quantum computing, AI, and GPUs. Guided by its vision—"Cutting-edge technology for optimal answers. A smarter society."—the company develops and provides the Fixstars Amplify SDK, which offers unified access to a wide range of solvers including quantum gate and quantum annealing machines, as well as its proprietary high-performance solvers Fixstars Amplify AE/SE. As of May 13, 2026, the platform has surpassed 1,100 registered organizations and a cumulative 130 million executions, driving real-world adoption across a broad range of industries.

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

Note 1: IBM Quantum

IBM Quantum is the collective name for IBM's research, development, and commercialization initiatives in quantum computing, as well as its associated cloud services. Through the cloud, users can access IBM's state-of-the-art quantum hardware and simulators to run and study quantum algorithms.

Note 2: Qulacs

An open-source quantum circuit simulator developed by a research group including Osaka University and QunaSys Inc., recognized as one of the world's fastest. It enables high-speed simulation of large-scale quantum computers on classical hardware and is widely used in quantum algorithm research and development.

Note 3: Amazon Braket

A fully managed quantum computing service from Amazon Web Services (AWS). From a single AWS environment, developers can access quantum hardware based on multiple modalities (superconducting, ion trap, etc.) from various manufacturers, along with high-performance simulators, to build, test, and run algorithms in one place.

Note 4: Quantum Approximate Optimization Algorithm (QAOA)

A quantum algorithm designed to solve combinatorial optimization problems—finding the best solution among a vast set of possibilities. It is designed to run on today's noisy intermediate-scale quantum (NISQ) devices and is expected to be applied to a wide range of real-world challenges, including logistics route optimization, financial portfolio construction, and new materials discovery.

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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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