

Quantum & Cloud: Accelerating Enterprise AI

Oracle and Quantinuum partner to bring hybrid quantum compute to the cloud.

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THE DATA

1

Commercial Quantum Computer

Quantinuum's Helios, a leading commercial quantum computer, will be deployed in an Oracle Cloud Infrastructure AI data center.

This strategic deployment will enable Oracle Cloud Infrastructure (OCI) customers to access hybrid quantum-AI workloads, seamlessly combining quantum computing with Oracle's high-performance computing and GPU infrastructure. The partnership aims to lower barriers to quantum adoption for enterprise, academic, and research applications.



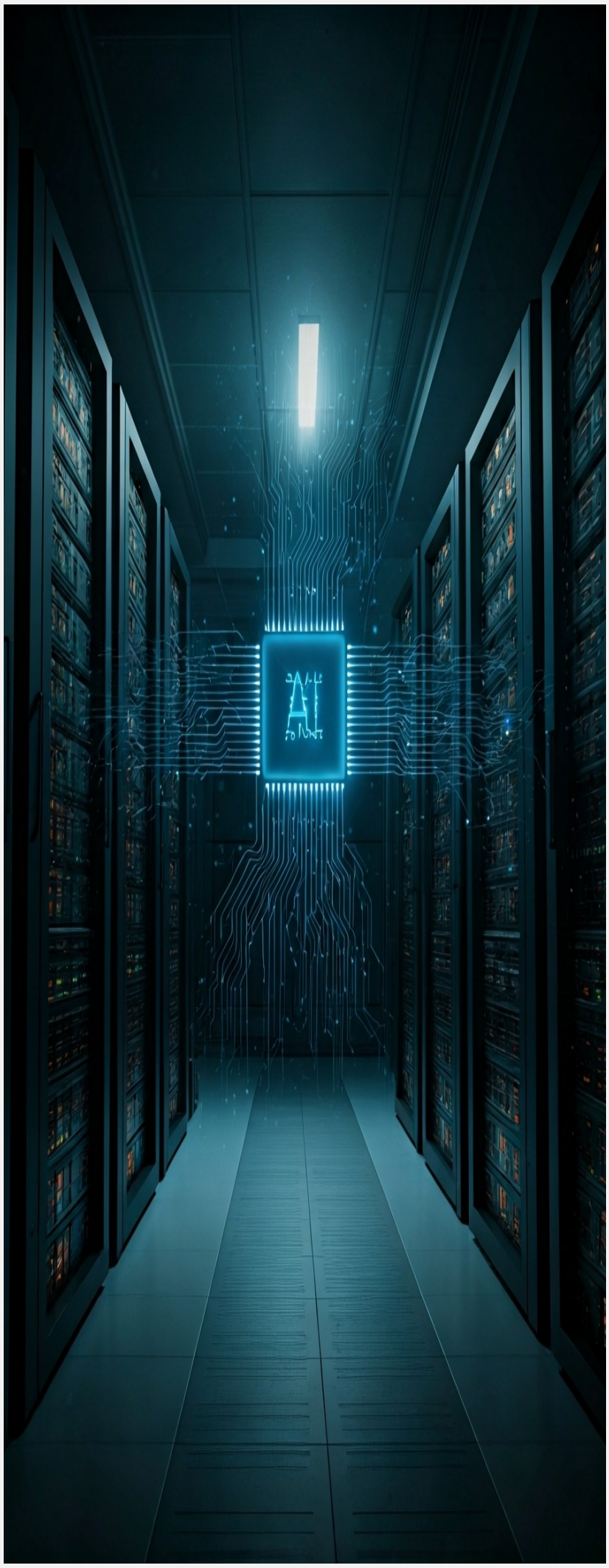
Source: Quantinuum · Published August 11, 2026

01

Quantum Accessibility Democratized



Integrating Quantinuum's Helios into Oracle Cloud Infrastructure dramatically expands access to advanced quantum capabilities. Enterprises and researchers can now leverage quantum resources without the prohibitive costs and complexities of procuring, installing, or operating dedicated hardware or specialized facilities. This move is critical for moving quantum computing beyond the laboratory into practical, scalable use cases, accelerating experimentation and development of quantum-classical applications.



02

Hybrid Workloads Drive Immediate Value

The partnership emphasizes hybrid quantum-AI workloads, recognizing that near-term quantum advantage often comes from combining quantum processors with classical supercomputing and AI systems. This integrated approach allows developers to build and test quantum-classical applications that can tackle complex problems in drug discovery, materials science, financial modeling, and large-scale optimization more effectively. It bridges the gap between quantum's theoretical potential and current enterprise needs.

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