

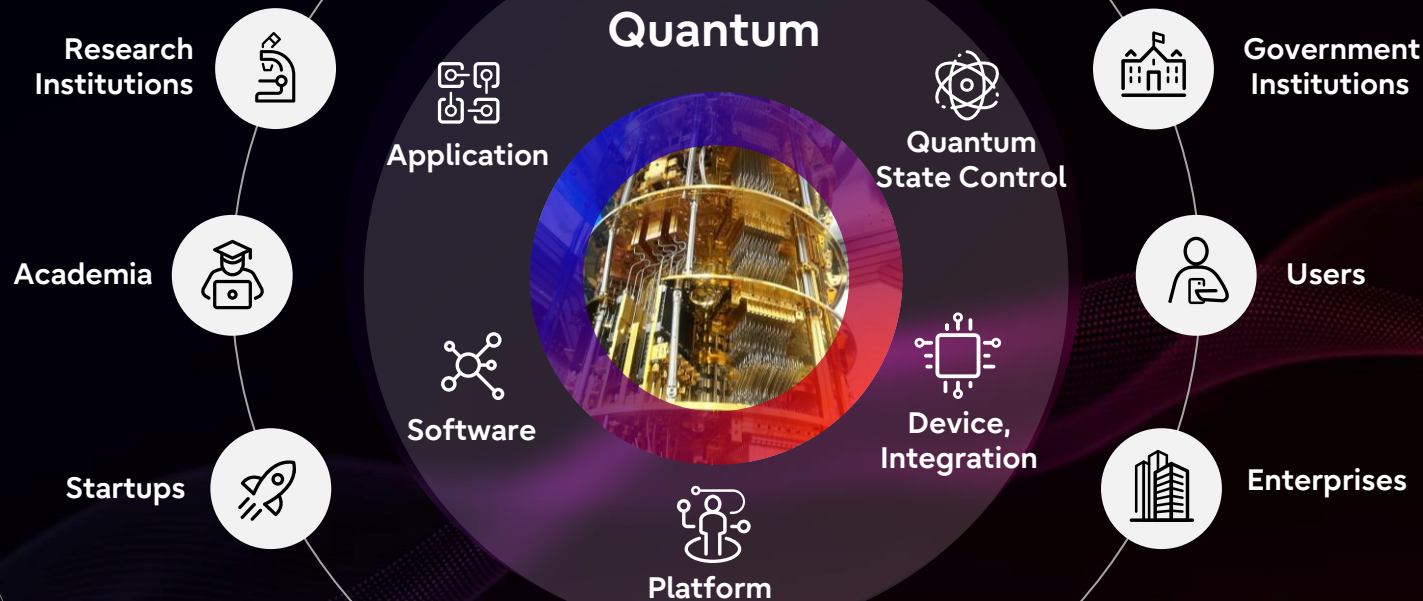
Fujitsu Quantum Day 2025

Vivek Mahajan

CTO

Fujitsu Limited
March 28, 2025

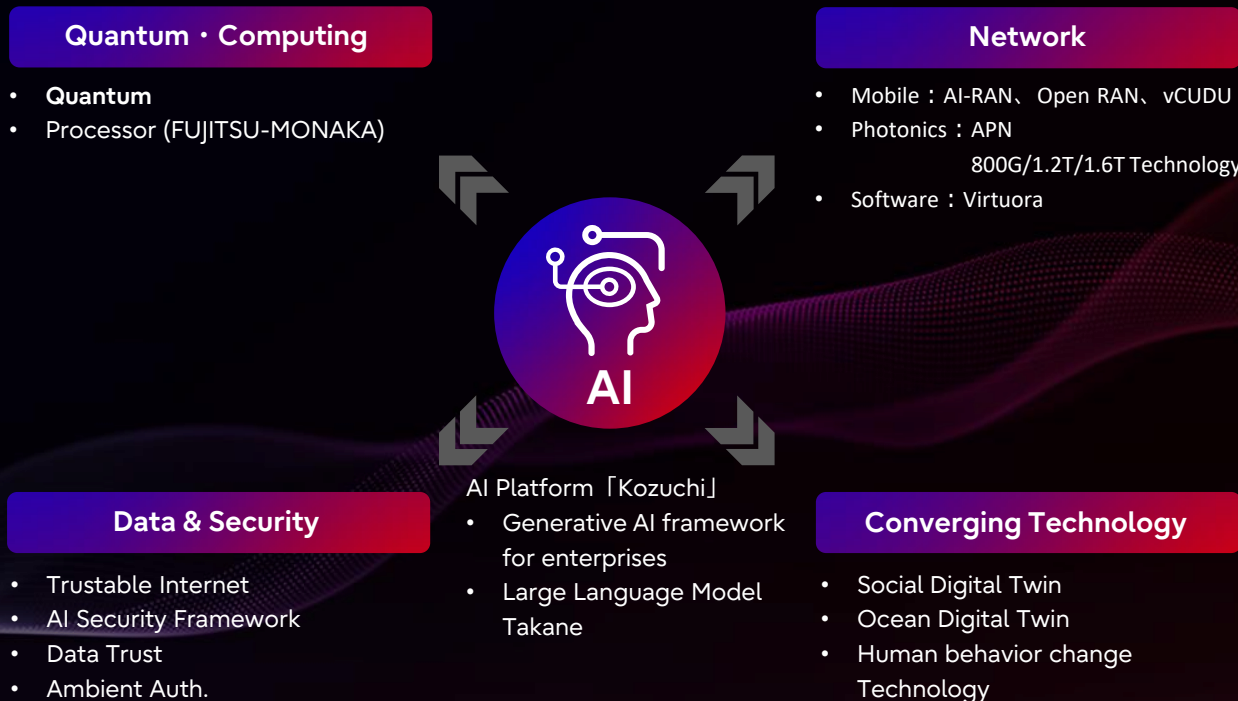
Welcome to Fujitsu Quantum Day 2025



A Collaborative Journey for Bringing a Quantum-Ready Future

Fujitsu Technology Strategy

Differentiation through the fusion of AI and world-leading technologies



Fujitsu Technology Strategy



Differentiation through the fusion of AI and world-leading technologies

Quantum • Computing

Investments in technology to achieve the world's fastest and most efficient computational technologies

Quantum

Quantum Computing

- 256 qubit (End of March ,2025)
- 1,000 qubit (FY26)
- Achieving fault-tolerant quantum computation [FTQC] (FY26~)

Developing breakthrough technologies

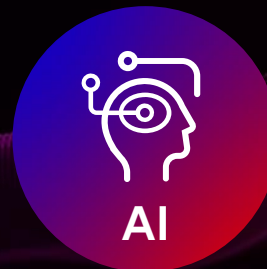
- Diamond spin method
- STAR architecture

Processor

FUJITSU-MONAKA World's first 2nm server chip

Data & Security

- Trustable Internet
- AI Security Framework
- Data Trust
- Ambient Auth.



AI Platform 「Kozuchi」

- Generative AI framework for enterprises
- Large Language Model Takane

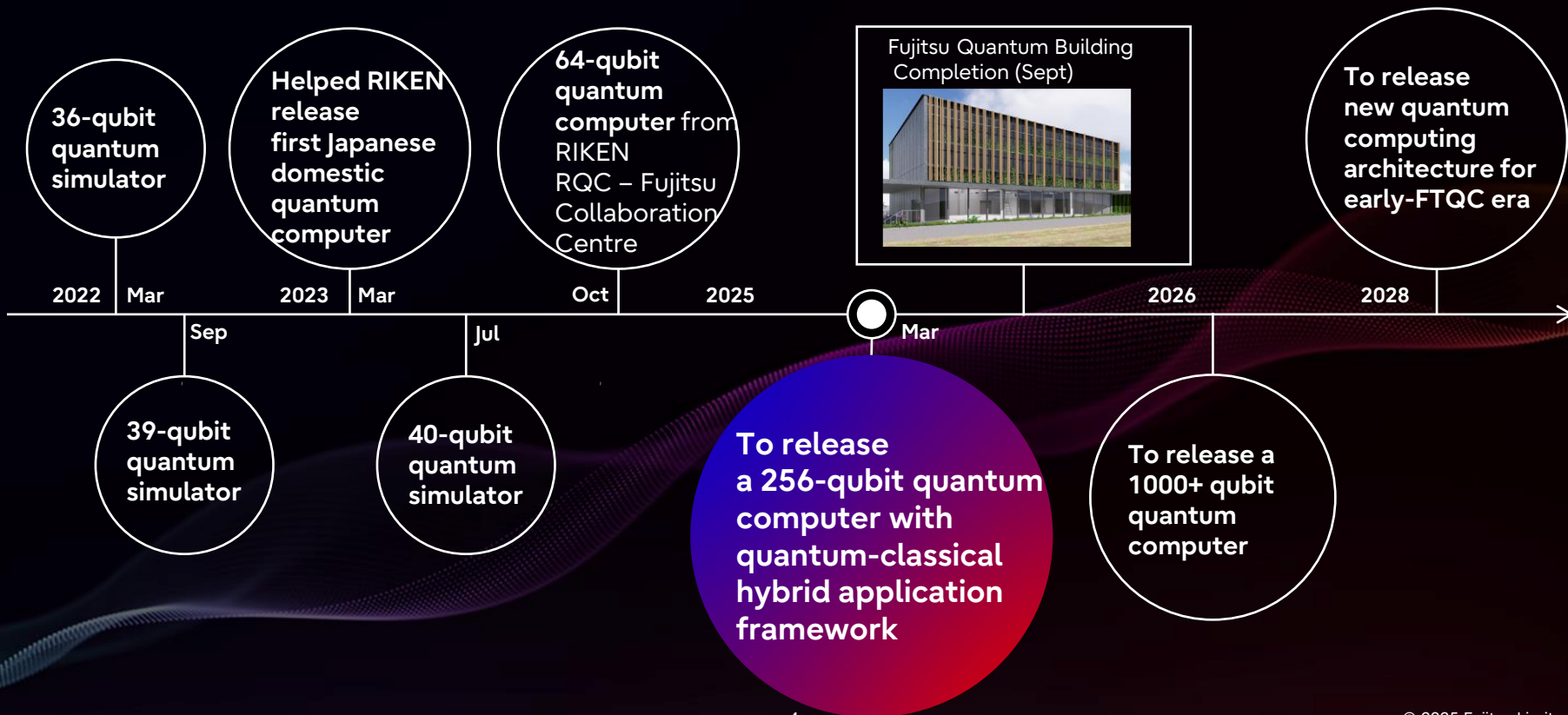
Network

- Mobile : AI-RAN、 Open RAN、 vCUDU
- Photonics : APN
800G/1.2T/1.6T Technology
- Software : Virtuora

Converging Technology

- Social Digital Twin
- Ocean Digital Twin
- Human behavior change Technology

Roadmap of Fujitsu's quantum computer



Thank you