Fujitsu
ActivateNow
2021

Fujitsu's Technology Vision and Strategy

: the View from the CTO

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The World at an inflection point

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Technology Areas that underpin Key Focus Areas

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Vertical Areas

Sustainable Manufacturing
Circular, traceable manufacturing with consideration to the environment and people

Consumer Experience
Payments, logistics and retail that provide consumers with diverse experiences

Healthy Living
Supporting all kinds of people in living in ways that promote wellbeing

Trusted Society
Creating communities that embody safe, secure and resilient

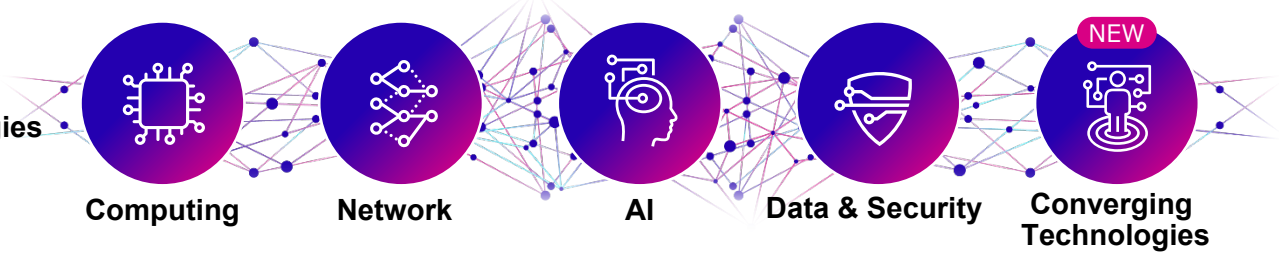
Horizontal Areas

Digital Shifts
Data-Driven Work Style Reform

Business Applications
Cloud Integration Applications

Hybrid IT
Cloud Security

Key Technologies



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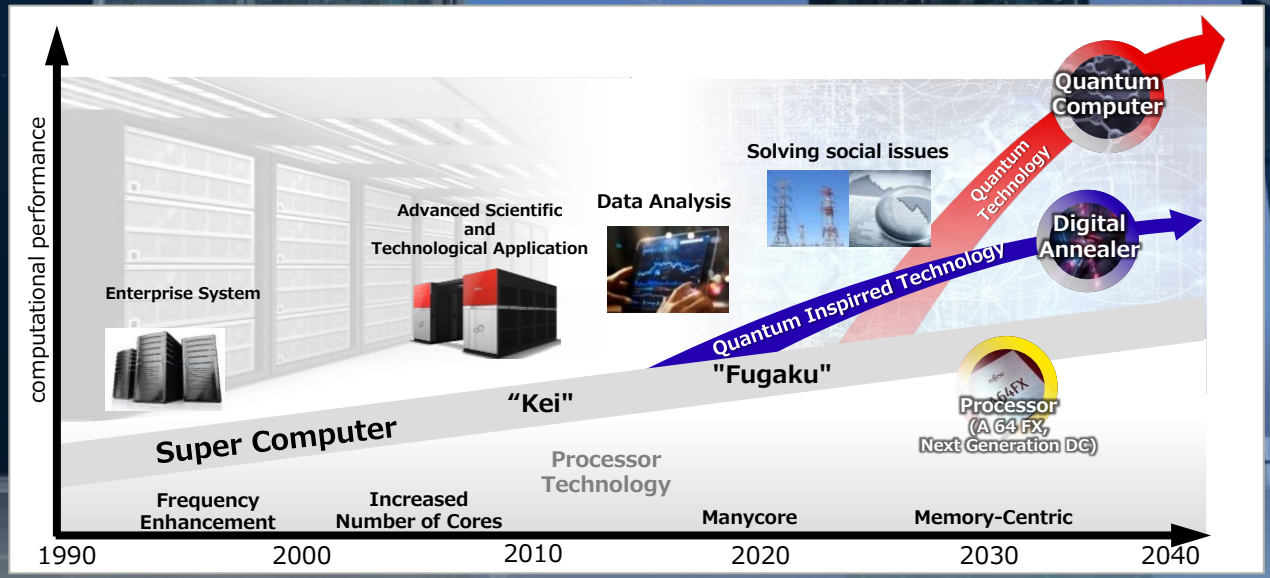
Computing

Super Computer "Fugaku"

World's 1st Computing Performance and Low Energy Consumption

High Performance Computing

Providing Processors, Middleware, Software, and Solutions as a Platform



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Quantum Computing

Digital Annealer

Leading the way with quantum-inspired technology for combinatorial optimization problems

Quantum Computer

Accelerate practical application by researching and development hardware, software, algorithms, solutions and applications in collaboration with world-class partners

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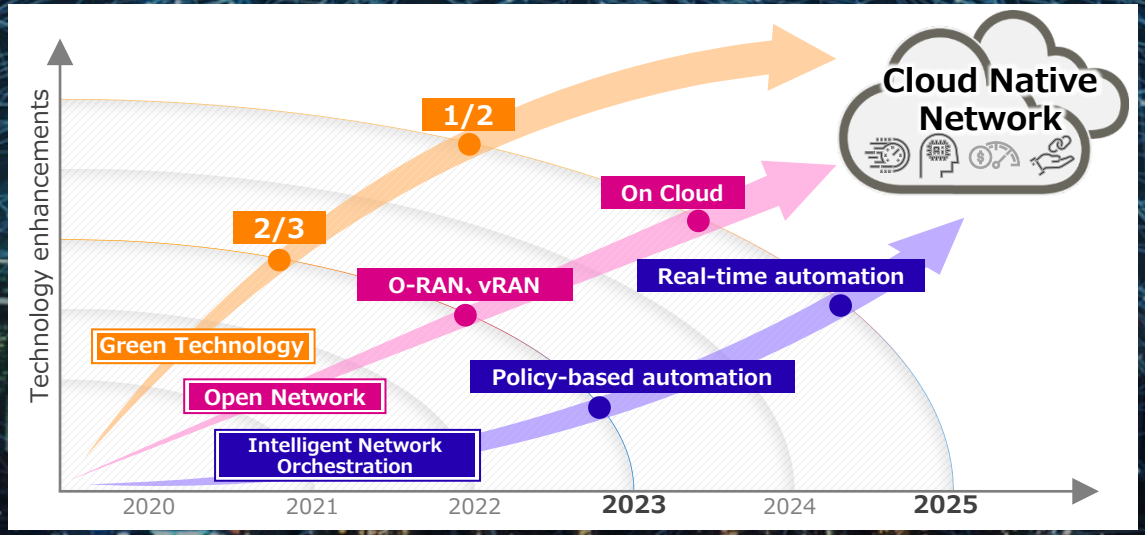
Network

Enable across the world to deploy true end-to-end fully virtualized cloud native networks

- **Open Network:** 5G/Beyond, O-RAN, vRAN, High-efficiency Radio Unit, Public Cloud (AWS, Microsoft Azure)
- **Intelligent Network Orchestration:** AI/Machine Learning, Integrated Security
- **Green Technologies:** All-Photonics and Photoelectric Conversion



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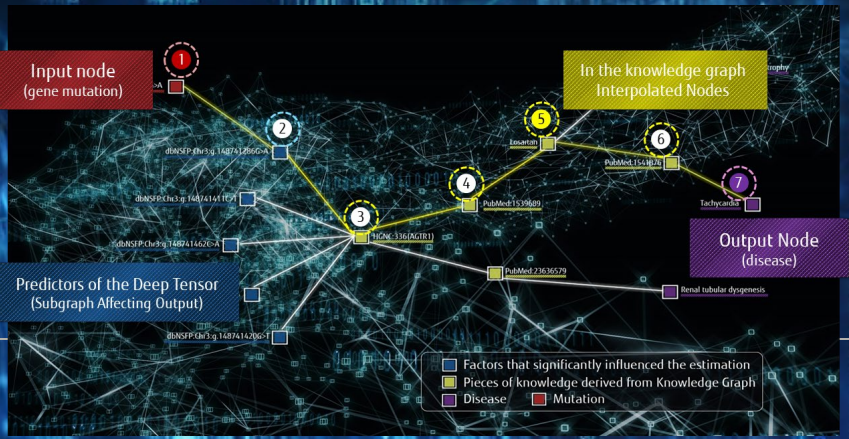
AI

Take global initiatives with technologies that enable "better AI society"

- AI ethics
- AI large-scale simulation: Tsunami inundation prediction

Discovery AI enables creative collaboration with people

- Explainable AI, Causal AI: Genomic medicine
- Behavior Detection: Gymnastics scoring support system



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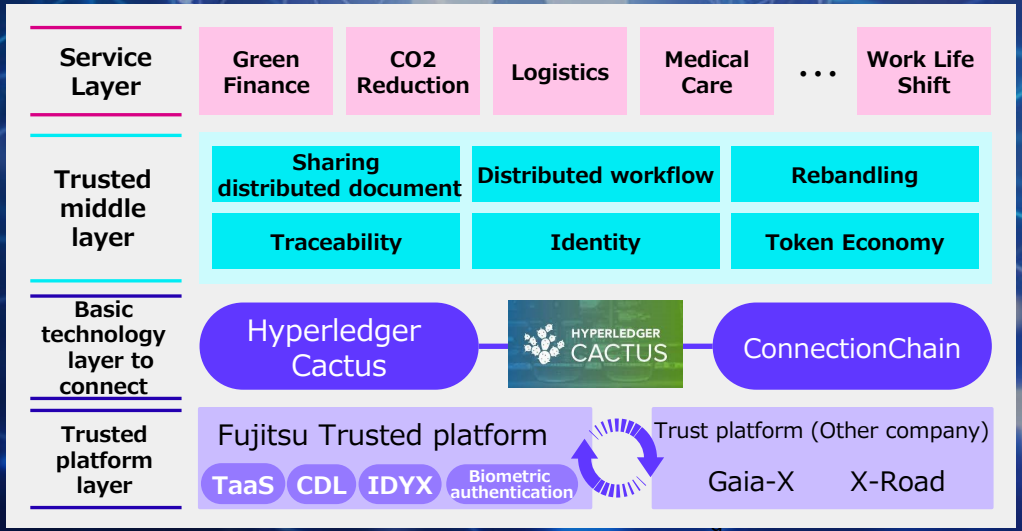
Data & Security

Digital trust technology supports resilient and secure data distribution platform for risk management in the zero-trust era

- Blockchain: Hyperledger-Cactus
- Data Traceability: CDL “Chain Data Lineage”
- Digital Identity: IDYX “IDentityY eXchange”
- Data Authenticity Assurances: TaaS “Trust as a Service”



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Converging Technologies NEW

Cutting-Edge Digital technology x Humanities & Social Sciences

- Human sensing: AI image analysis and behavioral science
- Social Digital Twin: Real-time Data Processing × Behavioral Economics/Social Sciences

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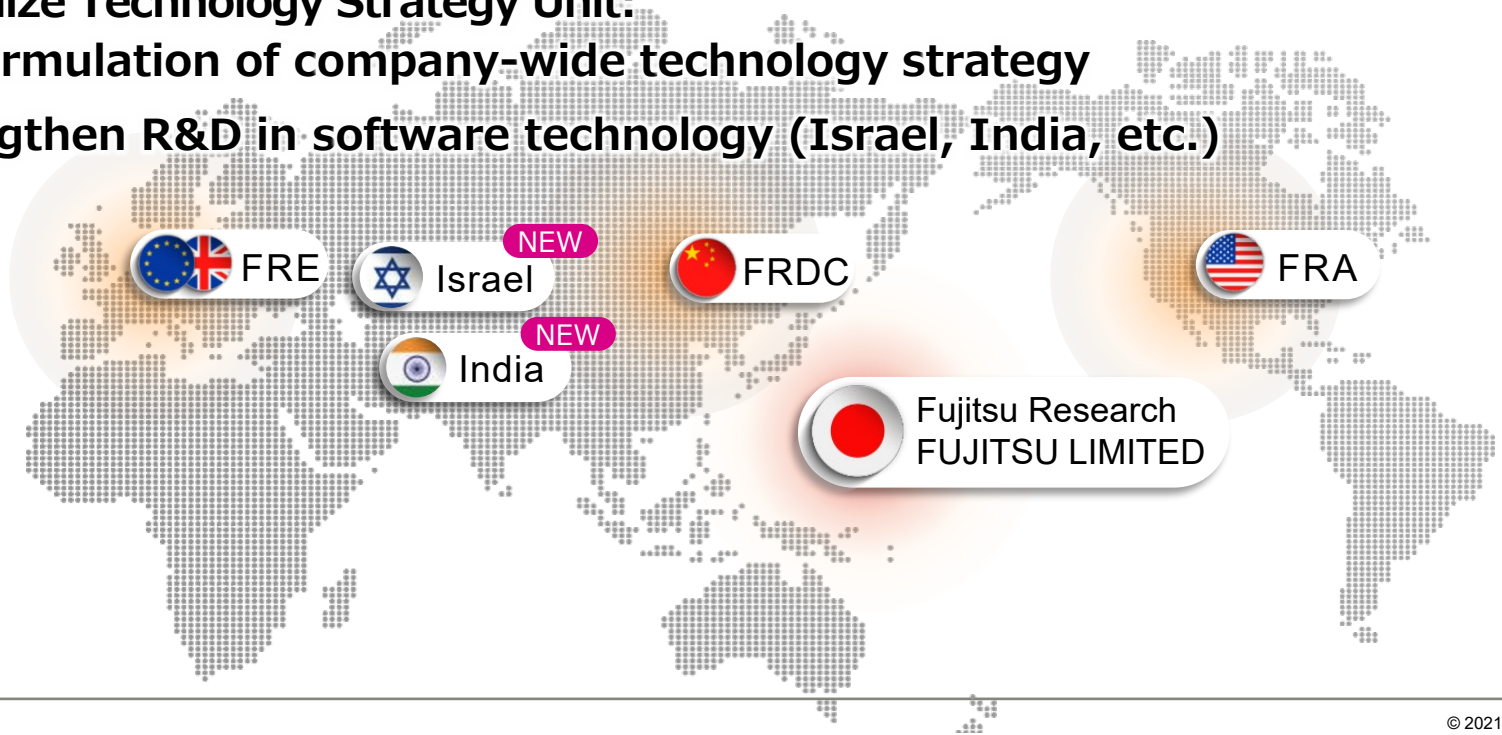
Strengthen Global R&D Organization

- Promotion of open innovation
- Fujitsu Laboratories integrated into Fujitsu :Renamed to Fujitsu Research
- Organize Technology Strategy Unit:
  For formulation of company-wide technology strategy
- Strengthen R&D in software technology (Israel, India, etc.)



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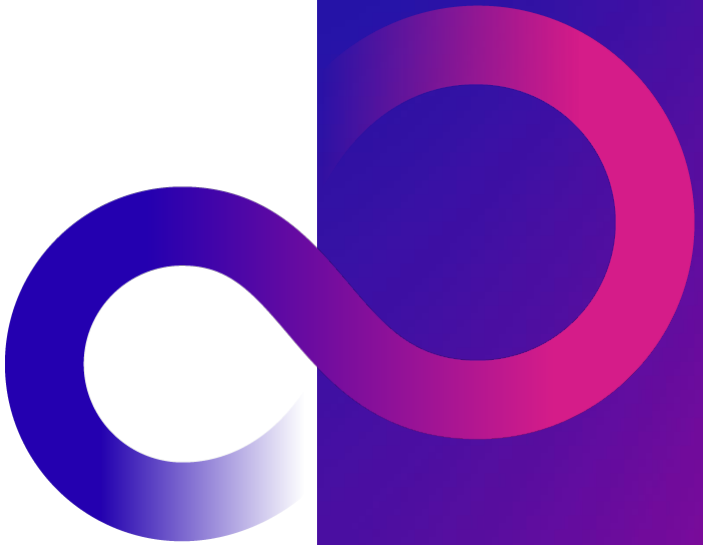
Thank you



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