Fujitsu on Healthy Living
February 2026

Vision Statement

- Fujitsu's vision is to transform healthcare and life sciences through data and technology, enabling a future where everyone has access to personalized treatment.

Key Messages

- Fujitsu Healthy Living shifts healthcare from reactive treatment to proactive prevention through connected, interoperable ecosystems that link patients, providers, payers, pharma, and research.
- Advanced computing, explainable AI, and digital twins compress drug discovery timelines and enable real-time clinical decision support and resource optimization.
- Unlike point solutions, Healthy Living integrates infrastructure, cloud, data governance, and clinical applications into a single, human-centered digital health ecosystem.

Overview

- For healthcare organizations, providers, payers, and pharmaceutical companies, the concept of healthy living offers a transformative opportunity in the digital health era.

- Healthy living lays the groundwork for human-centric societies, builds patient trust, and promotes sustainable wellbeing.

- Governments worldwide face increasing demands from aging populations, lifestyle changes, and informed patients seeking faster, higher-quality care with self-service options, all while managing resource constraints and rising costs. The challenges are significant, but there is enormous potential for positive impact.

- Fujitsu delivers global expertise in digital health ecosystems through Uvance Healthy Living, leveraging innovative infrastructure, AI, quantum-inspired computing and secure data platforms. With proven solutions that connect consumers, providers, payers, pharma, and governments, Fujitsu enables personalized, preventive care that reduces costs while improving access, quality and experience.

- Fujitsu's mission emphasizes shifting from reactive treatment to proactive prevention through connected ecosystems. Deep integration distinguishes Fujitsu, integrating Healthy Living solutions into broader IT, cloud, and industry services, enabling end-to-end responsibility. This intelligence-driven, human-centered approach underpins Fujitsu Healthy Living, promoting trust and innovation in digital health.

The Healthcare Transformation Imperative

The global healthcare system faces converging pressures that necessitate digital transformation:

- Rising demand, constrained resources: Healthcare spending has reached 9.8% of GDP across OECD countries (up from 7.8% fifteen years ago), yet workforce shortages are accelerating—healthcare employment is expanding 46% faster than in most other sectors. Multiple factors are straining systems worldwide, such as aging populations, lifestyle changes and better-informed patients demanding faster, higher-quality, personalized care with self-service options.
- Fragmented systems impede innovation: Data remains siloed across hospitals, clinics, wearables, and payers. Multi-vendor environments without interoperability standards (HL7 FHIR) delay prevention strategies, fragment clinical insights, and raise operational costs. Forward-thinking organizations are adopting integrated, data-driven ecosystems to improve outcomes and efficiency.
- Pharmaceutical innovation faces critical headwinds: Drug development costs have surged 67% over the past decade, while profit margins have collapsed from 10.1% to 1.8%. Clinical trials remain slow, geographically dispersed, and costly. AI and quantum-inspired computing are beginning to transform drug discovery and patient recruitment, yet adoption is uneven. Organizations that harness these technologies can compress development timelines from years to weeks.

Fujitsu's Healthcare Heritage

Fujitsu has been at the forefront of healthcare innovation for over 50 years:

- Since 1975, Fujitsu has evolved from departmental ordering systems to comprehensive regional medical cooperation platforms and sophisticated electronic health records.

- In Japan, Fujitsu is the leading EHR provider, serving more institutions in regional medical cooperation than any other, and holds the largest market share in electronic medical records across small (26%), medium (26%), and large hospitals (37%).

- Globally, Fujitsu partners with top healthcare institutions, pharmaceutical companies, and research centers across North America, Europe, Asia-Pacific, and Japan to drive digital health transformation.

Fujitsu Healthy Living: Global Capability and Expertise

Fujitsu leads in managed digital health services, system integration, and consulting, safeguarding and linking the entire health technology stack across vital sectors worldwide through its reach and partnerships.

People are a key strength: Fujitsu's dedicated teams combine domain experts, AI specialists, data architects, and clinicians to promote a human-focused approach. Investing in talent through training ensures that security, ethics, and innovation are integrated into services, supporting prevention-first principles worldwide.

Global Delivery, Local Presence: Fujitsu's infrastructure supports 24/7 operations with flexible models – local, blended, or offshore – tailored for compliance, culture, and scale. Proven in EU-wide data-sharing and Asia-Pacific ecosystems, this network delivers resilient, connected care.

Healthy Living and Sustainability: Healthy Living is integral to Fujitsu's Environmental, Social, and Governance (ESG) commitments. By enabling prevention-first healthcare, Fujitsu helps reduce the environmental burden of inefficient systems while improving health equity. The initiative addresses the widening gap between life expectancy (19.9 years at age 65) and healthy life expectancy (9.8 years): a critical social challenge that strains healthcare systems and communities. Through digital transformation, Fujitsu enables more equitable access to care while reducing the carbon footprint of healthcare delivery.

Healthy Living: Two Strategic Pillars

Fujitsu's Healthy Living strategy addresses two interconnected domains that together transform healthcare and life sciences:

1. **Digital Pharma: Accelerating Innovation and Drug Development.** Digital Pharma integrates quantum-inspired computing, AI and integrated data platforms to revolutionize drug discovery, clinical trial design and the generation of real-world evidence.

   - **Virtual Pharma: Smart Lab and Accelerated Discovery.** Fujitsu's quantum-inspired Digital Annealer, combined with high-performance computing (HPC) and AI, enables breakthrough drug design. The "Smart Lab" concept uses digital twins and advanced computational chemistry to simulate molecular interactions, screen trillions of potential compounds in minutes, and identify promising candidates for rare diseases and challenging targets. Unlike traditional AI approaches, this integrated workflow requires minimal training data, allowing projects to start from a single crystal structure or fragment. This makes it ideal for rare and orphan indications where data is scarce.

   - **Clinical Trial Optimization and Patient-Centric Trials:** Real-world data (RWD) from integrated health platforms enables smarter trial design, faster patient recruitment and more efficient trial operations. Fujitsu's partnerships with leading clinical trial platforms streamline study design, patient matching (identifying eligible candidates from dispersed populations) and data analysis. This significantly compresses time-to-market and reduces trial costs.

   - **Real-World Evidence and Pharmacovigilance**: Structured and anonymized clinical data feeds post-market surveillance and real-world evidence generation, allowing for continuous drug optimization and safety monitoring across distributed patient populations.

2. **Sustainable Medical Systems: Operational Excellence and Patient-Centric Care.** Sustainable medical systems enable healthcare providers and institutions to optimize operations, improve patient experience, and shift toward prevention.

   - **Digital Care Platforms & AI-Driven Workflows**: Healthcare is evolving from monolithic Electronic Medical Records (EMR) systems to modular, AI-agent-based architectures. Multiple autonomous AI agents orchestrate clinical and operational tasks.

     o Medical Care Agent: Risk detection, diagnostic support, clinical trial matching

     o Operational Efficiency Agent: Capacity planning, revenue cycle management, inter-departmental coordination

     o Patient Experience Agent: Self-service portals, appointment management, patient communication

o   Administrative Agent: Automated documentation (discharge summaries, SOAP notes, referral letters), coding assistance and billing

This distributed agent model frees clinicians from indirect tasks, enabling them to focus on patient care while expanding capacity and improving outcomes.

- **Prevention & Wellbeing:** Personalized, prevention-focused care integrates data from clinical records, wearables, and patient-generated health information. Early risk detection enables targeted interventions that reduce treatment burden, improve equity, and shift care from hospital-centric to distributed, home-supported models.

- **Digital Personalized Care:** Customized care plans informed by disease and patient profiles, supported by explainable AI for clinical decision support. For example, Fujitsu's HIKARI platform achieved 85% accuracy in mental health risk diagnosis and reduced clinical review time by 20 minutes per patient, demonstrating how AI augments clinical judgment, rather than replacing it.

Core Technology Foundation for Fujitsu Healthy Living

Fujitsu's integrated technology stack combines complementary capabilities that work seamlessly to accelerate innovation and improve outcomes.

- **Quantum-Inspired, High-Performance, and AI-Ready Computing:** Fujitsu's quantum-inspired Digital Annealer, complemented by high-performance computing (HPC) and the supercomputer Fugaku, delivers breakthrough research at scale. These systems excel at multi-parametric optimization, a complex problem-solving approach central to drug discovery and clinical trial design. For example, genetic network analysis that would take over 4,000 years on traditional computers completes in a single day on Fugaku, dramatically accelerating understanding of disease mechanisms and drug resistance.

- **Explainable, Ethical, and Human-Centric Artificial Intelligence:** Explainable AI (xAI) and ethical AI frameworks ensure that clinical decision support and diagnostic recommendations are transparent, auditable, and trustworthy. Human sensing technologies and natural language processing enable clinicians to work naturally with systems—documenting care by voice, querying a vast library of medical literature instantly, and receiving evidence-based recommendations without disrupting workflow.

- **Integrated Workflow Architecture:** Unlike point solutions, Fujitsu combines quantum computing, AI, and advanced physics into a unified, end-to-end workflow. This integrated approach is particularly powerful for drug discovery. It can rapidly screen trillions of molecules, it requires minimal training data (starting from one hit compound or crystal structure), and it generates chemically diverse, biologically relevant and synthetically feasible candidates, all without the massive computational overhead of traditional AI-only screening.

- **Data, Security and Trust:** Blockchain, digital identity frameworks, and consent governance ensure secure, ethical use of sensitive health information. Standardized data architecture (supporting HL7 FHIR and similar standards) and anonymization protocols enable safe, governed data sharing across hospitals, payers, researchers, and pharmaceutical companies: The foundation for connected ecosystems and real-world evidence generation.

- **Cloud and Network Infrastructure:** Cloud-native architectures, photonics, and resilient network design support 24/7 global operations, guarantee compliance with regional data

regulations and the seamless integration of on-premises systems with cloud platforms, enabling both local deployment and global collaboration.

Fujitsu Healthy Living: A Global Ecosystem with Strategic Partnerships

Fujitsu Healthy Living is not built in isolation. Strategic partnerships amplify capabilities and accelerate innovation through digital pharma partnerships, clinical trial and healthcare operations, plus healthcare data and interoperability initiatives.

These partnerships position Fujitsu as a hub that connects research institutions, healthcare providers, pharmaceutical companies, and technology innovators, all essential to addressing global health challenges.

- **Cancer Research Horizons (UK):** Collaboration using Digital Annealer and AI for oncology drug design has compressed discovery timelines from 24 months to 2 months, enabling development of candidates for hard-to-commercialize rare and infectious diseases.

- **Computational Chemistry Ecosystem:** Partnerships with organizations such as Nanome and Cresset integrate computer-aided drug design (CADD) tools into Fujitsu's platform, enabling seamless design-to-synthesis workflows.

- **Paradigm Partnership:** Integration with leading clinical trial platforms streamlines data flow from hospitals to trial sponsors and accelerates patient recruitment. It also optimizes trial operations, reducing time-to-market and costs.

- **Regional & National Health Systems:** Fujitsu's expertise spans national platforms (e.g., Finland's KanTa) and multi-hospital regional networks, demonstrating the ability to orchestrate data sharing, consent governance, and interoperability at scale.

Focus on Outcomes: What Organizations Can Achieve with Fujitsu Healthy Living

- **Enhanced Health (EH):** Improved care experiences that lead to better life outcomes through personalized, accessible and effective care delivery.

- **Care Transformation (CTx):** Sustainable operational changes that boost value by optimizing care activities and return on investment.

- **Prevention shift:** Linked data detects risks early, allowing targeted actions that lessen treatment burdens.

- **Superior patient services:** Self-service, resource optimization, and digital enhancements increase satisfaction and promote equity.

- **Trusted ecosystems:** standards, consent governance, and AI promote fair data use, enabling secure and personalized results.

- **Enhanced operational efficiency:** Increase surgical capacity to shorten wait times, better utilize resources, and boost revenue by more effectively managing operating room schedules and surgical throughput.

Fujitsu quotes – Tatsuki Araki, Head of Healthy Living at Fujitsu

- "For healthcare organizations, providers, payers, and pharmaceutical companies, Healthy Living offers a transformative opportunity in the digital health era. By shifting from fragmented systems to connected ecosystems, and from reactive treatment to proactive

prevention, we enable better outcomes at lower cost while integrating trust and equity into every digital health solution."

- "The convergence of quantum-inspired computing, AI, and secure data platforms is fundamentally changing what's possible—compressing drug discovery from years to months, freeing clinicians from administrative burden, and connecting patients, providers, and researchers in ways that accelerate innovation across the entire healthcare ecosystem."

Fujitsu Healthy Living: Global Reference customers

Fujitsu's Healthy Living solutions are deployed across pharmaceutical R&D, hospital systems, national health platforms, and research institutions, demonstrating impact on drug-discovery speed, operational efficiency, clinical decision-making and care coordination.

Pharmaceutical R&D and Drug Discovery

- Tokai National Higher Education and Research System: Recruiting clinical trial candidate patients by utilizing medical data with generative AI
- Aichi Cancer Center (Japan): AI-powered clinical literature analysis and drug candidate identification
- Cancer Research Horizons (UK): Accelerated oncology drug design via Digital Annealer and AI

Hospital Operations & Clinical Care

- San Carlos Clinical Hospital (Madrid, Spain): HIKARI AI platform for clinical decision support and documentation efficiency
- University of Toronto (Canada): Gamma Knife treatment planning acceleration via Digital Annealer

National & Regional Health Systems

- National Cancer Center Hospital: Cloud-based PHR-EHR data platform (Healthy Living Platform)
- Estonian Health Insurance Fund: Cloud-based integrated EHR enabling 3x innovation rate
- Helsinki University Hospital & Finnish National Healthcare: KanTa national health information archive
- Sapporo Medical University (Japan): Cross-institutional data sharing and patient access

Specialized Healthcare Services

- United Allergy Services (USA): AI-powered inventory and supply chain optimization