

Kawasaki City

Kawasaki is the birthplace of Fujitsu

25,000
employees

6,000
employees live
in the city

Fujitsu aims to create a smart city by working in Kawasaki City to resolve various social issues using cutting-edge technology in the four areas of



Health



Safety & Security



Environment



Work & Living

Specifically, we will develop Social Digital Twin, which utilises five technologies (computing including HPC and quantum computers, networking, AI, data & security and converging), as a platform for solving social issues. By using this platform, we will promote smart city activities by utilising Kawasaki Plant and other locations and the people in Kawasaki City, leading to the creation of city services in four fields.



Health

The main theme identified as a greater concern in Kawasaki's annual survey was 'health'. Since COVID-19 health and wellbeing has increasingly been a concern due to the spread of infections. Therefore, many citizens have become more health conscious. Fujitsu is working alongside the City of Kawasaki to use cutting-edge technologies to improve the health and wellbeing of citizens in the background. In 2021, Fujitsu and Kawasaki Frontale, Fujitsu's sponsored professional football team held an event in which Todoroki Stadium was replicated in a virtual space. Visitors were able to explore the stadium including closed areas such as the VIP area and the locker rooms and they were able to look back on the highlights of the season in a digital space. The event was a demonstration of how to develop new fan contact points and entertainment in the digital space as well as delivering an exciting experience during the COVID-19 pandemic.

Safety & Security

An increased likelihood of natural disasters such as floods and tsunamis has meant Fujitsu and Kawasaki City have emphasised a focus on working together to predict, mitigate and manage these events using smart technology. In 2022, the International Research Institute of Disaster Science (IRIDeS) at Tohoku University, the Earthquake Research Institute at the University of Tokyo, Fujitsu, and the City of Kawasaki have conducted a field trial of AI, this is constructed on the world's fastest supercomputer, Japan's Fugaku. It will provide high-resolution and real time tsunami flooding forecast for supporting safe and efficient tsunami evacuations during disaster prevention drills in Kawasaki. During this field trial, participants from the surrounding community will be notified about the arrival time and the flooding height of a predicted tsunami through a special smartphone application developed by Fujitsu.

Environment

The fight for climate change has never been more imperative. With a common goal of decarbonisation and a race to net-zero, Fujitsu is working with Kawasaki City to explore the challenges surrounding this. In 2021, we held an event based on the theme of sustainability in collaboration with a retail store in Kawasaki City. Based on the opinions of the citizens who participated in the event, we are currently studying the best approach to take in order to lead to environmentally conscious actions by the citizens of Kawasaki.

Work & Living

Fujitsu, together with children from a school for the deaf in Kawasaki City, held a workshop to design the future of school commuting. By combining the ideas of children born there with the latest technologies in AI and HPC, we are developing and testing equipment that displays the sounds and announcements of stations as onomatopoeic symbols to make the information about stations easier to understand visually. In addition to providing safe and secure accessibility to stations for people who are deaf, we also aim to promote mutual understanding between people with disabilities and those without disabilities through fun equipment that anyone can see, and aim for a society of diversity and inclusion.



Fujitsu's Vision to be realised in Kawasaki

City Services with Kawasaki City

Health, Safety & Security, Environment, Work & Living

Kawasaki Smart City

Smart city projects in Kawasaki City
Fujitsu Kawasaki Plant

Social Digital Twin

Infrastructure for solving social issues

5 Key Technologies

Computing • Network • AI
Data & Security • Converging

Discover more

[The Challenges Facing Kawasaki City and Fujitsu to Realize Sustainable Future Cities - Fujitsu Transformation News : 富士通](#)

[Fujitsu, City of Kawasaki Strengthen Cooperation to Realize a Sustainable "Future City" : Fujitsu Global](#)

[Kawasaki's digital transformation project highlights how technology and citizen insight can create the city of the future : FUJITSU BLOG - Global](#)