

History of Value Creation—Toshiba's DNA

Toshiba's Roots

Toshiba's roots can be traced back to the time when the heritage of two men—Hisashige Tanaka, dubbed Karakuri Giemon (inventor of mechanical devices), and Ichisuke Fujioka, known as the Thomas Edison of Japan—joined forces.

Tanaka Engineering Works (later Shibaura Engineering Works), founded by Tanaka in 1873, and Hakunetsu-sha, established by Fujioka in 1890, were the two companies that would eventually become Toshiba Corporation. They both were business ventures that dreamed of a bright future for Japan, aspiring to create something never seen before that would benefit people and society.

Committed to People, Committed to the Future.

“Committed to People, Committed to the Future.” is the long standing Basic Commitment of Toshiba Group that expresses our credo since founding to always be on the watch for issues facing society amid the changing times and resolve them through business.

Today, in our everyday lives, we are asked to be responsible for a sustainable future. Natural disasters caused by climate change threaten the safety and security of our lives. Social and environmental stability are impaired by problems such as information inequality and natural resource depletion.

Toshiba is working for a sustainable future for the earth and its people by contributing to the realization of carbon neutrality and a circular economy.

Specific initiatives include protecting the safety and security of individual livelihoods by building infrastructure that is accessible to everyone, and ensuring social and environmental stability by building a society connected by data.

For many years now, Toshiba has engaged in businesses that support essential social infrastructure, including power

generation, water treatment and transportation. Today, the knowledge, technology and customer connections cultivated through these businesses are invaluable assets. We will draw on them as we continue to create previously unseen value by maximizing the power of data.

Our unwavering drive to make and do things that lead to a better world for over 150 years

1875 Hisashige Tanaka founded a telegraphic equipment factory in Tokyo.

1890 Ichisuke Fujioka established Hakunetsu-sha & Co., Ltd. and manufactured Japan's first electric incandescent light bulbs.

1930 Japan's first Completed and released electric washing machines and refrigerators.

1939 Tokyo Shibaura Denki

1941 Tanaka Engineering Works, Shibaura Engineering Works

1946 Tokyo Denki, Hakunetsu-sha

1955 Completed the automated mail processing equipment.

1967 World's first Completed the automated mail processing equipment.

1978 Japan's first Developed a Japanese word processor.

1984 Renamed Toshiba Corporation.

1985 World's first Developed and launched the laptop personal computer.

1989 World's first Developed an ultra-supercritical high capacity steam turbine.

1991 World's first Developed the 4-megabit NAND-type Electrically Erasable and Programmable Read-only Memory (EEPROM).

2007 World's first Developed the 320-detector row CT scanner.

2016 World's first Superconducting rotating gantry irradiation system for heavy-ion radiotherapy. Collaboration with QST/IQMS.

2017 World's first Developed the practical multi parameter phased array weather radar.

2020 Japan's first Launched operations of a large-scale carbon capture and storage facility in Omuta, Fukuoka Prefecture.*3

2020 World's leading scale World's leading scale H₂ energy system (Fukushima Hydrogen Energy Research Field: FH2R) **4

2021 World's No. 1 Demonstrated quantum cryptographic communications covering the world's longest*1 communication distance of over 600km.

2021 World's No. 1 Film-based perovskite photovoltaic module with the world's highest*2 power conversion efficiency

2021 Japan's No. 1 Japan's largest operator of mega solar power plant installations

2022 World's first World's first lightweight, compact, high-power superconducting motor prototype for large mobility applications

*1 Toshiba's survey in June 2020
 *2 Among film-based perovskite photovoltaic modules with and active area of over 100cm² made of plastic substrates, Toshiba's survey (as of September 10, 2021)
 *3 Japan's first carbon capture unit to capture over 50% of total CO₂ emissions from a thermal power plant
 *4 NEDO Project

Toshiba's Technology to Turn on the Promise of a New Day

Founding	1960s	1970s	1980s	2010s	2020s
In 1930, Toshiba released Japan's first electric washing machines and completed Japan's first electric refrigerators. In 1955, the Company also released Japan's first electric rice cookers.	The automated mail processing equipment completed in 1967 was the world's first to mechanize manual work by recognizing handwritten characters, and became a forerunner of labor-saving equipment in the advanced information society.	In 1978, Toshiba completed Japan's first practical <i>kana-kaji</i> conversion system and released Japan's first Japanese word processor.	Toshiba commercialized the world's first laptop personal computer in 1985, and the world's first NAND flash memory in 1991. These developments laid the foundation for an internet-driven society.	In 2017, Toshiba developed the world's first practical multi parameter phased array weather radar.	In 2022, Toshiba developed the world's first lightweight, compact, and high-power superconducting motor. This motor is capable of being applied to large mobility platforms such as aircraft. With the increasing demand to reduce greenhouse gas emissions, this motor is anticipated to contribute to the electrification of aircraft and provide new value to the mobility industry.
At a time when many women's lives were bound to the domestic realm, these products allowed women to have more free time.	At the same time, it led to the widespread use of optical character reading (OCR) technology, automatic ticket gates, and other cutting-edge image recognition technologies. In addition, research on superconducting materials, which began in the early 1960s, has borne fruit in the form of heavy ion cancer treatment devices, leading to the technology for next-generation medicine.	The development of <i>kana-kaji</i> conversion technology and high-capacity storage led to mobile music devices enjoyed by people out on the street, e-mail, social media, and other methods of communication, which have become the norm today.		As torrential rains are caused by locally and rapidly developing cumulonimbus clouds, they had been considered difficult to predict. However, the multi parameter phased array weather radar makes it possible to predict the signs of torrential rains and resulting rainfall quickly and accurately.	"We want to be the first to deliver products and services that make people's dreams come true and change society." This passion has been the source of Toshiba's products and services.
					Toshiba's technology has altered the way people live and has also changed society.