

# NEC's Value Creation Journey

Nippon Electric Company, Ltd. (NEC) was established in 1899 as Japan's first joint venture with a foreign-owned company. In keeping with its founding spirit of "Better Products, Better Service," NEC has continued to provide services using its distinctive technologies in addition to ICT equipment such as telecommunication equipment and computers.

## 1899

### Establishment of Nippon Electric Company

#### The Founding Spirit of "Better Products, Better Services"

Create customer satisfaction and pleasure by consistently providing better products and services.



Founder: Kunihiko Iwadore

## 1977

### C&C Announced

#### The integration of computers and communications

The aspiration of enabling people throughout the world to connect anytime, anywhere, and with anyone, is aligned with the SDGs aspiration to "leave no one behind."



Announcement of C&C at INTELCOM '77

## 2013

### Transformation into a Social Value Innovator

#### Orchestrating a brighter world

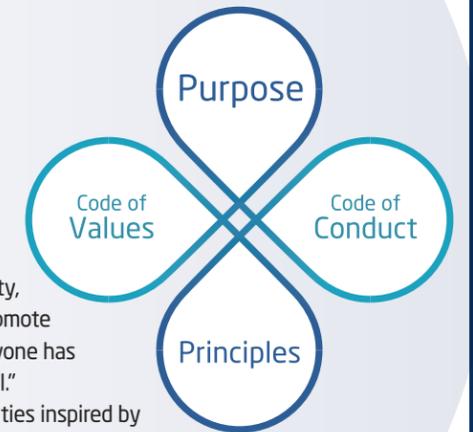
As the value expected by customers and society changed from our tangible technologies and products to the intangible creation of value, we responded under Mid-term Management Plan 2015 by declaring our intention to transform into a Social Value Innovator.

## 2020

### NEC Way

To mark the 120th anniversary of its founding, in 2020 we defined our "Purpose" within the NEC Way as "NEC creates the social values of safety, security, fairness and efficiency to promote a more sustainable world where everyone has the chance to reach their full potential."

NEC will redouble its business activities inspired by social issues, aiming to contribute to the achievement of the Sustainable Development Goals (SDGs) in 2030.



Network

**1899** Nippon Electric Company, Ltd. established

**1928** Transmitted scenes of Imperial Accession Ceremony of Emperor Hirohito

**1964** International satellite TV broadcasts of the Tokyo Olympics

**1970** Japan's first satellite, Osumi

**1987** Started manufacturing optical submarine relay equipment

**2007** Ultra-compact radio communications system PASOLINK secured top global market share

**2010** Asteroid explorer "HAYABUSA" successfully returned to Earth

**2016** Submarine cable installation reaches over 250,000km, enough to encircle the earth six times

**2018** Asteroid explorer HAYABUSA 2 reached the asteroid Ryugu

IT

**1954** Begins research into computers

**1958** Developed the first domestically produced fully transistorized NEAC-2201 computer

**1974** The ACOS Series 77 mainframe computer family is announced

**1982** The PC-9801 personal computer is announced

**2002** The Earth Simulator, the world's fastest supercomputer system for resolving global environmental problems, is completed

**2012** Built ICT infrastructure for multiple stadiums used in the Soccer World Cup held in Brazil

**2015** Contributed to implementation of the Individual Number System

**2020** Started quantum computing application services

AI

**1960** Started development of optical character recognition (OCR)

**1971** Fully automated postal sorting system

**1984** Received an order in the U.S. for fingerprint matching services

**2004** No. 1 in fingerprint authentication\*1

**2009** No. 1 in facial authentication\*2

**2016** Biometrics solutions adopted in 70 countries in total

**2018** Established the biometric authentication brand, "Bio-IDiom"

**2019** Entered the drug discovery business specializing in advanced immunotherapy using "NEC the WISE"

**2020** Formulated the AI technology brand, "NEC the WISE"



\*1 Ranked 1st eight times in task assessment sponsored by the U.S. National Institute of Standards and Technology (NIST)  
 \*2 Ranked 1st five times in task assessment sponsored by NIST