**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 Iwadare*

### 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.”

### 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.

### NEC’s Data Sheet

- **Network**
  - 1899: Nippon Electric Company Ltd. established
  - 1928: Transmitted scenes of Imperial Coronation Ceremony of Emperor Hirohito
  - 1960: Started development of optical character recognition (OCR)
  - 1970: Japan’s first satellite, Osumi
  - 1984: Built ICT infrastructure for multiple stadiums used in the Soccer World Cup held in Brazil

- **IT**
  - 1958: Developed the first domestically produced optical character recognition system MEAC-2201 computer
  - 1972: Developed the first domestically produced optical character recognition system NECAC-77
  - 1987: Ultra-compact radio communications system PASOLINK secured top global market share
  - 2002: The Earth Simulator, the world’s fastest supercomputer system for resolving global environmental problems, completed
  - 2004: No. 1 in fingerprint authentication*1
  - 2013: Asteroid explorer “HAYABUSA” successfully returned to Earth
  - 2020: Asteroid explorer “HAYABUSA 2” reached the asteroid Ryugu

- **AI**
  - 1960: Started development of optical character recognition (OCR)
  - 1971: Fully automated postal sorting system
  - 2004: No. 1 in fingerprint authentication*1
  - 2009: No. 1 in facial authentication*2
  - 2016: Biometrics solutions adopted by 70 countries
  - 2017: Formulated the AI technology brand, “NEC the WISE”

- **NEC’s strengths developed to date**

  - Started quantum computing application services

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*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