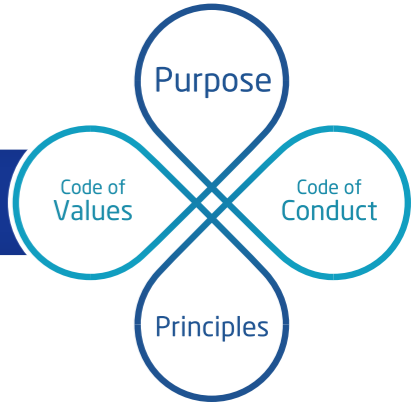




# NEC's Value Creation Journey

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 Services," NEC has continued to provide services using its distinctive technologies in addition to ICT equipment such as telecommunications equipment and computers.



<h2>1899</h2> <h3>Establishment of Nippon Electric Company</h3> <p><b>The Founding Spirit of "Better Products, Better Services"</b></p> <p>Create customer satisfaction and pleasure by consistently providing better products and services.</p>  <p>Founder: Kunihiro Iwadare</p>	<h2>1977</h2> <h3>C&amp;C Announced</h3> <p><b>The Integration of Computers and Communications</b></p> <p>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."</p>  <p>Announcement of C&amp;C at INTELCOM '77</p>	<h2>2013</h2> <h3>Transformation into a Social Value Innovator</h3> <p><b>Orchestrating a brighter world</b></p> <p>As the value expected by customers and society changed from our tangible technologies and products to the intangible creation of value, we responded under the Mid-term Management Plan 2015 by declaring our intention to transform into a Social Value Innovator.</p>	<h2>2020</h2> <h3>NEC Way</h3> <p>To mark the 120th anniversary of our 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."</p>
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<h3>Network</h3>	<p><b>1899</b> Nippon Electric Company, Ltd. established</p>	<p><b>1928</b> Transmitted scenes of Imperial Accession Ceremony of Emperor Hirohito</p>	<p><b>1964</b> International satellite TV broadcasts of the Tokyo Olympics</p>	<p><b>1970</b> Japan's first satellite, Osumi</p>	<p><b>1987</b> Started manufacturing optical submarine relay equipment</p>	<p><b>2007</b> Ultra-compact radio communications system PASOLINK secured top global market share</p>	<p><b>2010</b> Asteroid explorer "HAYABUSA" successfully returned to Earth</p>	<p><b>2016</b> Submarine cable installation reaches over 250,000km, enough to encircle the Earth six times</p>	<p><b>2018</b> Asteroid explorer HAYABUSA 2 reached the asteroid Ryugu</p>	<p><b>2019</b> Began shipping base stations for 5G networks</p>
<h3>IT</h3>	<p><b>1954</b> Began research into computers</p>	<p><b>1958</b> Developed the first domestically produced fully transistorized NEAC-2201 computer</p>	<p><b>1974</b> The ACOS Series 77 mainframe computer family announced</p>	<p><b>1982</b> The PC-9801 personal computer announced</p>	<p><b>2002</b> The Earth Simulator, the world's fastest supercomputer system for resolving global environmental problems, completed</p>	<p><b>2012</b> Built ICT infrastructure for multiple stadiums used in the Soccer World Cup held in Brazil</p>	<p><b>2015</b> Contributed to implementation of the Individual Number System</p>	<p><b>2020</b> Started quantum computing application services</p>		
<h3>AI</h3>	<p><b>1960</b> Started development of optical character recognition (OCR)</p>	<p><b>1971</b> Fully automated postal sorting system</p>	<p><b>1984</b> Received an order in the U.S. for fingerprint matching services</p>	<p><b>2004</b> No. 1 in fingerprint authentication<sup>*1</sup></p>	<p><b>2009</b> No. 1 in facial authentication<sup>*2</sup></p>	<p><b>2016</b> Biometrics solutions adopted in 70 countries in total Formulated the AI technology brand "NEC the WISE"</p>	<p><b>2018</b> Established the biometric authentication brand "Bio-IDiom"</p>	<p><b>2019</b> Entered the drug discovery business specializing in advanced immunotherapy using "NEC the WISE"</p>		

**NEC's strengths developed to date**

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