2008

2016

1998

Barrier-free minds

Investigations and studies of UD begin



As part of a user interface survey, NEC begins studying UD in collaboration with Tama Art University.

Barrier-free minds

UD workshop



The NEC Group launches a UD education workshops for its developers.

UD for solutions and services

Web accessibility measures



To improve web accessibility NEC starts completing development of its guidelines, promoting accessibility training, and operating its

web administration structure.

Barrier-free minds

UD seminars



The NEC Group starts providing UD seminars led by in-house and external experts for its employees.

UD for products

2003

Network MFP by UD



NEC begins consistently complying with US Revised Rehabilitation Act 508, from developer education to user investigation and evaluation.

UD for solutions and services

UD professional organization



development.

The NEC Group establishes a special office at the headquarters for promoting UD and lays out UD quidelines for product and service

UD for urban developments

Airport flight information system



In response to new domestic quidelines, NEC pursues the anticipated future of airports that further meet the needs of local communities.

UD for products

2010

UD fonts (FAUD fonts)



NEC develops a font for its products that is clearly visible, highly legible, distinct and suits each display

UD for solutions and services

2013

Remote support for the hearing impaired



NEC develops a network that connects transcribers and operators to support participation of the hearing impaired at classes and meetings.

UD for solutions and services

Communication support service

2015



NEC starts providing a service (developed based on survey results) that assists people with hearing impairments in various situations.

UD for urban developments

Face recognition entry/exit management



NEC begins offering a face authentication service for speedy entry/exit management that helps identify lost children, detect anomalies and support swift response to suspicious characters.

UD for urban developments

Next-generation braille blocks



NEC develops walkway blocks that help visually challenged people navigate by light and/or sense of touch (vibration).

UD for urban developments

UD for solutions and services

UD for products

Barrier-free minds

Barrier-free minds

Elderly-experience simulation program is introduced



A program in market research and product evaluation that allows anyone to experience the decline in sensations and exercise ability of elderly people begins.

UD for products

Robot for personal use



NEC introduces a robot with a user-friendly communication interface

UD for products

ATM voice assistance



NEC introduces the first ATM for people with visual impairments to support touch-panel operation with voice guidance and braille features around the screen.

UD for products

Multifunctional business phone



NEC introduces a business phone based on user surveys and evaluations that meet the guidelines of newly amended Section 508 of the US Rehabilitation Act.

UD for solutions and services

Compact multifunctional ATM



NEC introduces a compact multifunctional ATM that provides multilingual voice quidance.

Barrier-free minds

UD web education



An online UD education program is implemented for all employees in the NEC Group.

UD for solutions and services

NEC Social Value Design(TM)



NEC establishes a design policy that incorporates UD and co-creation to create new value for people and society.

and services

UD for solutions

Speech recognition for meetings



NEC develops a speech recognition system that records the minutes of meetings to help visualize them with less effort.

Barrier-free minds

Hearing-impaired simulation workshop



NEC holds a workshop with in-house and external instructors where everyone in the audience wears earplugs.

UD for urban developments

Advanced street furniture



NEC introduces an interactive information delivery system that provides information tailored to each viewer.

Crowd guidance solution

UD for urban

developments



NEC develops a system that analyzes and predicts the flow of people in the city in real-time to support smooth. trouble-free transportation.