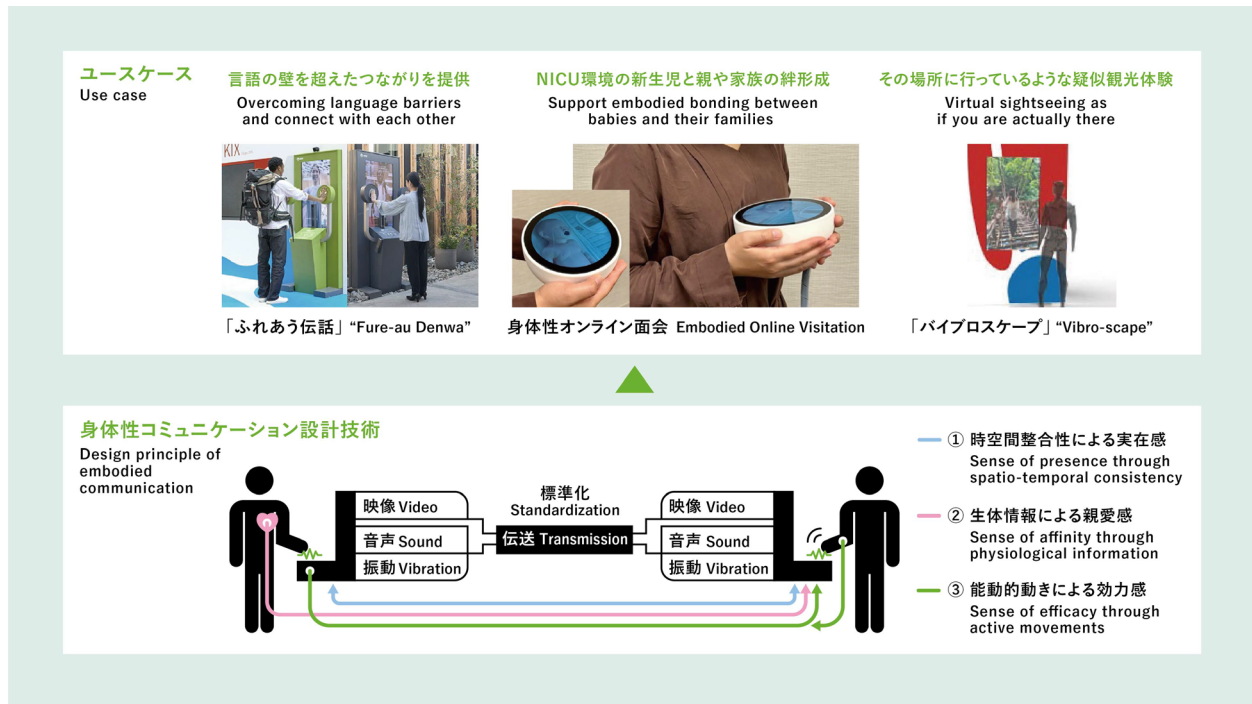


Create well-being through the experience of touching people and places across time and space Creating a sense of connection through vibrotactile transmission

Background and Technical Challenges

Online communication and immersive experiences with high-definition video and audio are plentiful, and people far away can now connect with each other. However, the psychological distance remains far, even if visible.



R&D Goals and Outcomes

By transmitting haptic information in video and audio, we can reduce the psychological distance and address social issues.

Key Technologies

01 Core Technologies

Design guidelines for creating a sense of presence, affinity, and efficacy using vibrotactile transmission

02 Key Differentiators

By recording vibration information as audio and superimposing it on audio channels for transmission, the entire system is simplified, and equipment and operation costs are reduced.

Use Cases Communication Services

R&D phase Research

Technology Schedule FY25–26

Commercialization Schedule FY25–26

【Exhibitors】
NTT Social Informatics Laboratories

【Co-exhibitors】
Iwate Medical University, Nippon Design Center, Inc., NTT Urban Solutions, Inc.

【Contact】
Well-being Research Project

【Related Links】
https://www.kecl.ntt.co.jp/openhouse/2025/exhibition_16_en.html