

RT. Works Co., Ltd

Safety monitoring for the elderly by analyzing 'Motorized Assist Cart' location information and walking distances

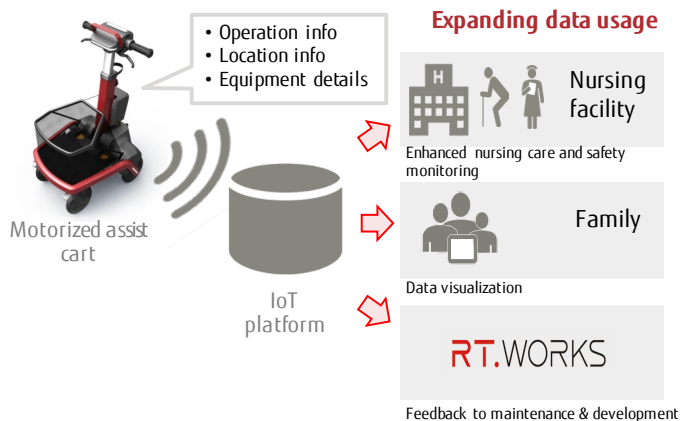


Challenge

- The trend toward nuclear families, and the aging of family members who require nursing care, have made it difficult to create environments where those who need nursing care are given ample support
- Promoting independence in the elderly is required, but notice is needed in case an unexpected situation occurs
- Support system is needed to handle a case where equipment failure occurs

Solution

- New safety monitoring mechanism



- To prepare for a super-aging society, RT. Works combined the strengths of the device vendor with its own to create a new business model
- Adoption of an IoT platform to enable low-cost, quick creation of the new business model
- FSAS provides maintenance support for the equipment

Benefit

- Can obtain health status from daily data, such as the user's walking distance and speed
- Can detect the equipment's state, such as whether it is tilted or has fallen, in real-time and alert/notify family members or nursing facilities
- Equipped with a failure prediction feature to achieve a society where the elderly can live independently and safely

Products and services

- Enabled real-time safety monitoring on the assist cart by installing a network communication device made by Fujitsu Electronics
- FUJITSU Cloud Service IoT Platform