



Revolutionizing senior care by leveraging AI technology

HYODOL

Help People to be Happy and Healthy

2025



42%

Loneliness

Increased Social Isolation
Post-Pandemic



\$ 7.5 Billion

Social Cost of
Depression

Increased by 41.5% (past 5 years)



51%

Dementia

Depression Increases
Dementia Risk



70%

Digital Literacy

The digital divide continues to widen

HYODOL



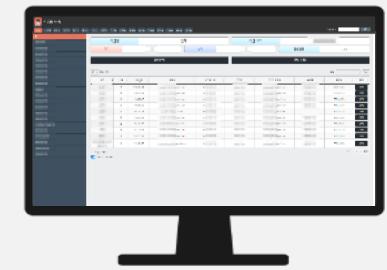
Filial Piety:
respect and love
for parents



Doll:
Model of
Human character

Hyodol AI Care Platform

Bringing seniors, caregivers and the community together



For Caregivers

Mobile App

For Seniors

Hyodol

For Care Centers

Monitoring System

AI Companion Robot: Hyodol

**[Head]**

360° 5m detection
radar sensor

[Left/Right ear]

Cognitive improvement
Entertainment

[Mouth]

ChatGPT
Emotional communication
Customized STT/ TTS

[Left/Right hands]

Call request function

Touching**Clicking****Patting**

Mobile App

Take care of the elderly anytime and anywhere



Monitor Activity

Detect Emergency
Notify Caregivers



Real-time Status

Medication Intake
Dementia Prevention



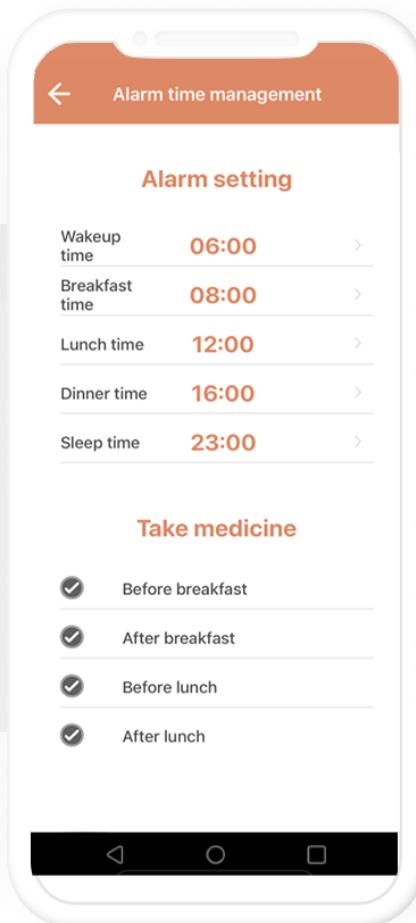
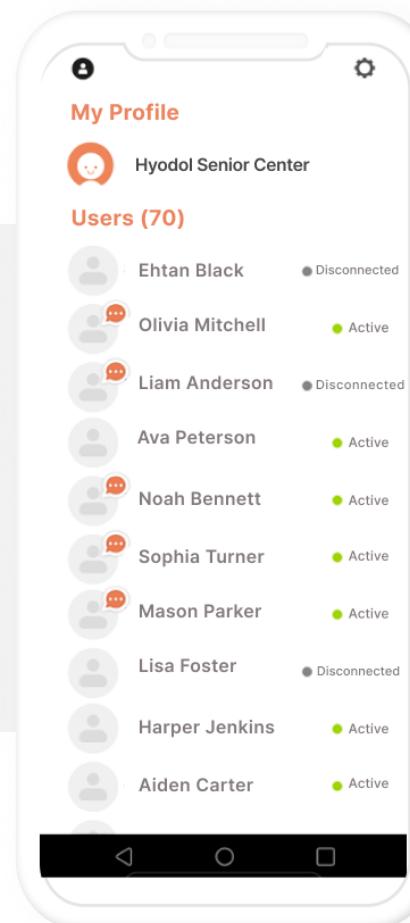
Voice Message

Send and Receive
Voice Message



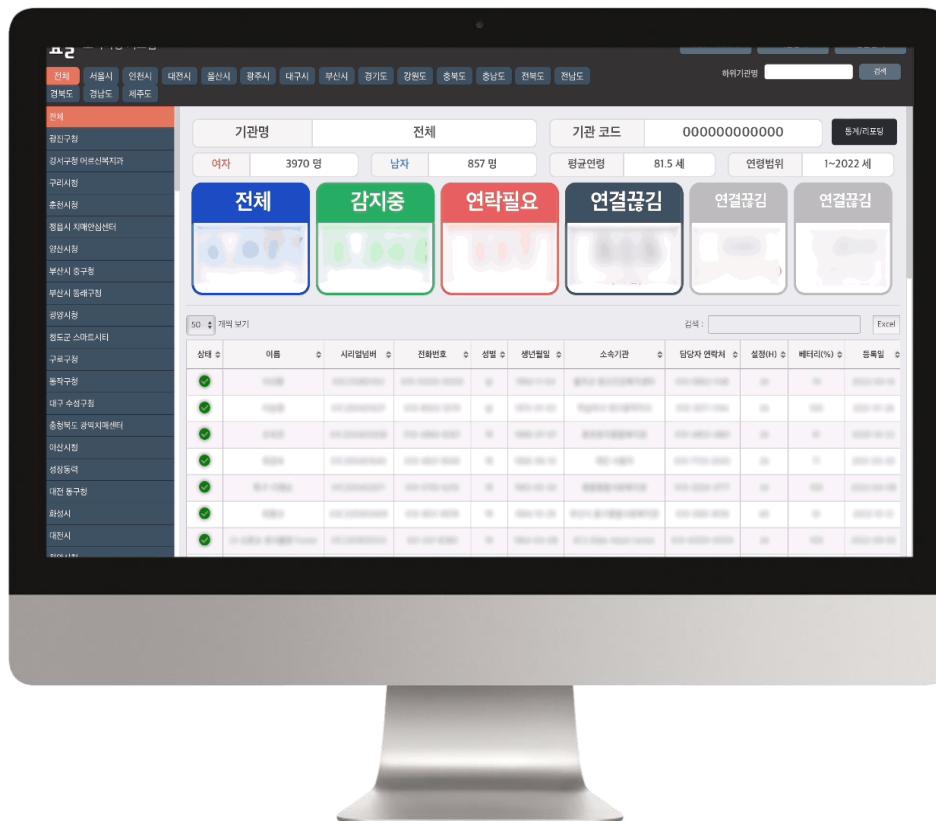
VoIP Call

Direct Call Through
Hyodol



Web Monitoring System for Care Centers

- Institutions track daily routines and health conditions
- Analyze statistics of users



»»» Web-based monitoring system
Oversee all seniors in the area

»»» **Health Monitoring**
Tracks vital daily routines
Medication, meals and condition

»»» **Remote Access**
Caregivers can access
Live updates and reports remotely

»»» **Personalized Care**
Data-driven care
Individual patterns and needs

Analyze User Data for Personalized Services

■ Personal Statistics



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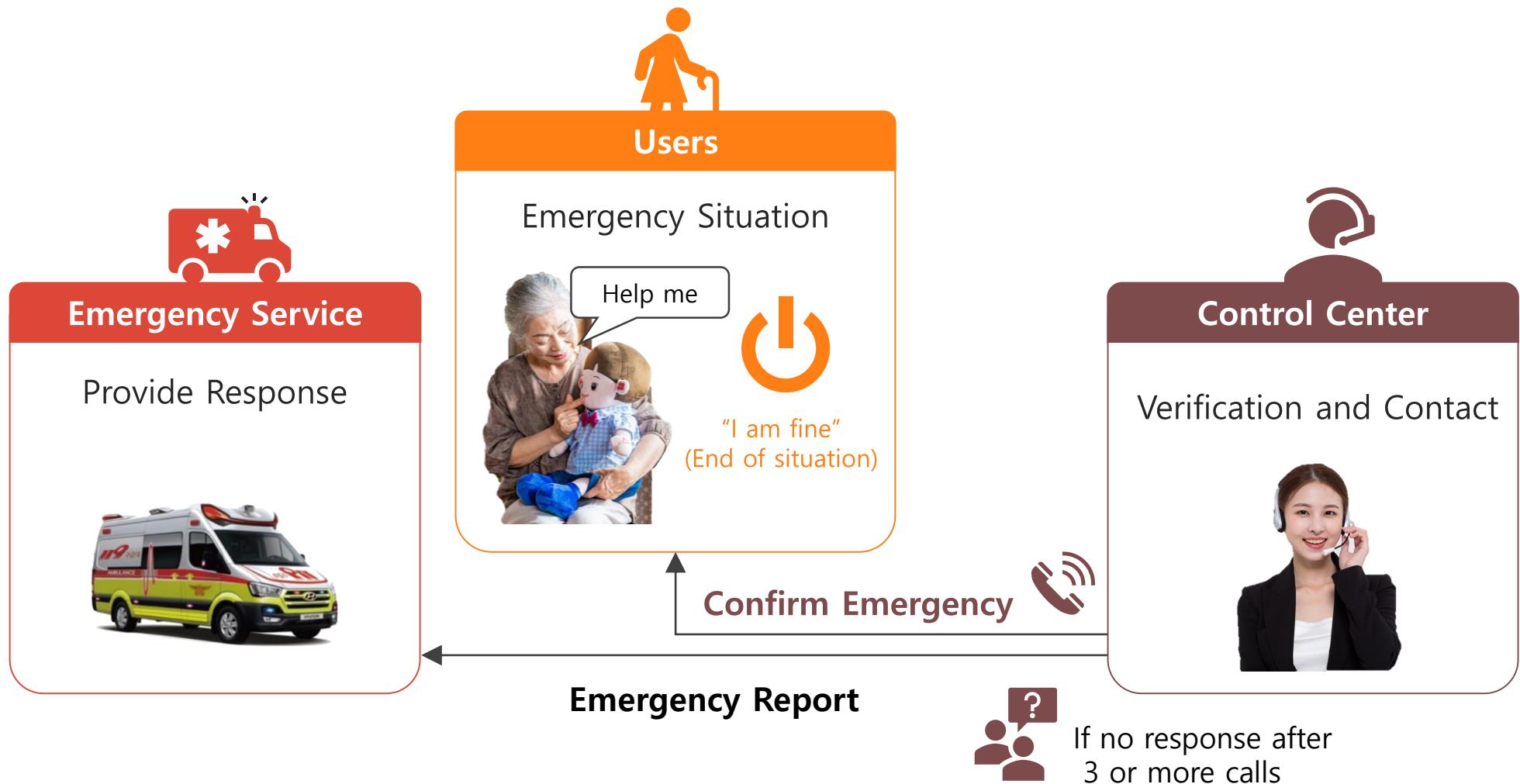
■ Overall Usage Evaluation

- Mrs. Kim has shown steady usage for **the past 12 months**.
- The performance of the cognitive enhancement program: **93% for music listening and 7% for exercise**.
- Medical examination: persistent pain observed. But daily medication and sleeping pattern are fine.
- Keyword analysis shows that you are feeling of sadness (69%) due to sickness, need special attention.

Date of registration	Time of registration	Status	STT	Click to listen
2023-05-03 21:07:00	PM	Positive	Positive example "My daughter came and bought me a lot of delicious things today, so tell her I'm in a good mood."	▶ 0:00 ⏸ ⏴
2023-05-03 21:46:49	PM	Negative		▶ 0:00 ⏸ ⏴
2023-05-04 08:01:36	AM	Positive	Negative example "It's hot and irritating. I got a lot of work to do today. I've been unhappy all day. Hyo-dol, what should I do? I'm tired."	▶ 0:00 ⏸ ⏴
2023-05-04 09:36:41	AM	Positive		▶ 0:00 ⏸ ⏴
2023-05-04 20:31:34	PM	Positive	Positive example "My daughter came and bought me a lot of delicious things today, so tell her I'm in a good mood."	▶ 0:00 ⏸ ⏴
2023-05-05 08:01:44	AM	Positive		▶ 0:00 ⏸ ⏴

Emergency Response System

Immediate Assistance for seniors



1500million Lifelog Data of Seniors for AI Healthcare Business

13,000+ Users Daily Data

Real-life data from seniors
in 17 different provinces



1500 Million Lifelog Data

Interactions, usage,
environment, activity, etc.

Interaction data	280 M
Cognitive Enhancement	1.76 M
Medication data	1.5 M
Voice data	0.1 M

1500+ Hours Voice Data

Real-time voice data
with strong bonds

"Grandma, how are you feeling
today?"



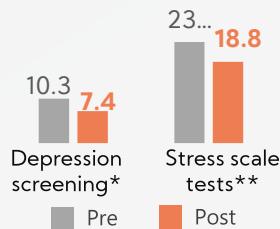
"I'm not feeling well
because I'm sick"

Proven Impact on Depression and Daily Life

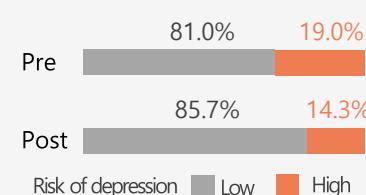
Research Outcomes

Depression Response Distribution

Depression/Stress Reduction

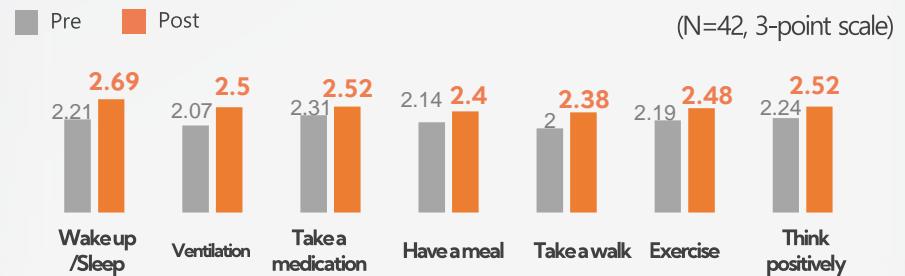


4.7% reduction
in high risk of depression



Effectiveness

Changes in daily life management



Publish in
Korea

12



Publish in
the U.S.

16

- Every \$1 spent on Hyodol brings \$3.5 back on social benefit
- Reduce the burden of social worker reducing routine workload and stress
- Perceive Hyodol as humanoid companion and develop emotional bond

AI Healthcare Platform Company

No. 1

82% of cities in Korea currently use Hyodol

- More than 1,000
- More than 500
- More than 100
- More than 50
- Less than 50



Only

- High satisfaction rate: 96%
- 700 caregivers uses Hyodol monitoring system
- AI algorithms alert early signs of illness and danger

Global Partner



13,000+

AI healthcare algorithms
powered by data from 8,000+
senior users

IP

3 patents
11 domestic and PCT
applications

Global Expansion

- Global communicative multilingual authoring platform
- Technology development and business partnership with Microsoft (achieved Startups Founders Hub level 4)
- Pilot service in New York (Yale University, University of North Carolina)
- Completed prototype for Hyodol Chinese ver.

Awards & Certifications

- Ministry of Science and ICT Citation for ICT Convergence Product Development
- ICT Convergence Quality Certification
- Innovative Product Designation
- ISO 9001 Certification for Quality Management System
- Mobile Technology Award (KT)

Winner of GLOMO Award 2024

First Korean Startup Winner



Long-Term Care Insurance Benefits

First caregiving robot selected in Korea



구분	AI 돌봄 로봇
주요기능	수급자 상태 모니터링 및 식사, 복약, 운동, 위급상황 알림 등 돌봄 지원
대상	 

U.S. FDA Class I Certification





**Would you like to join us
in revolutionizing senior care?**

Hyodol Co., Ltd.

<https://en.hyodol.com>

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