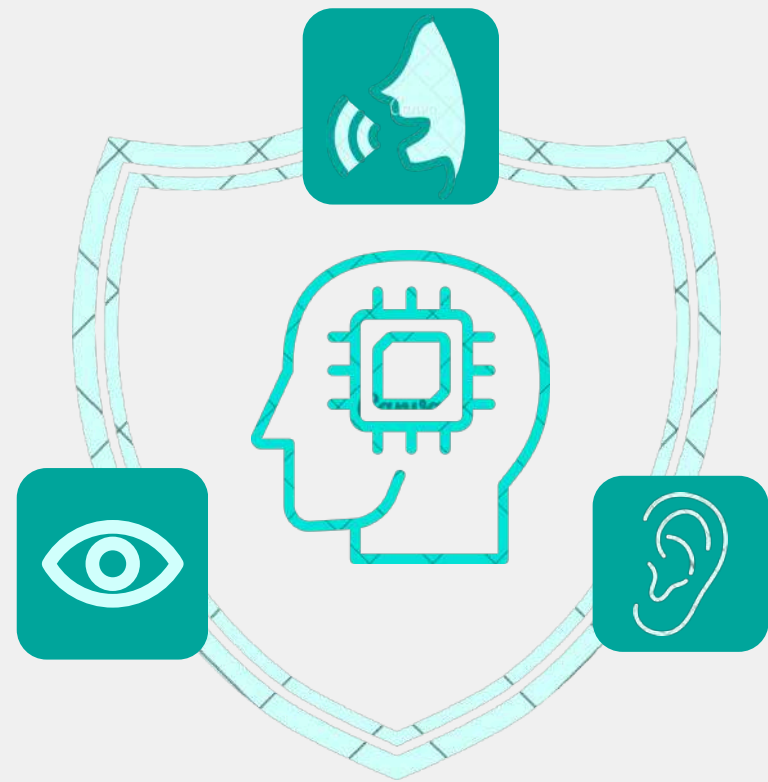


HIGH TECH TECHNOLOGY



Customized **AI Care**
Companion for Elderly Friends



**A Smarter
Experience**

Designed for Seniors Simplified for Care.



For Care Facilities
Improving Elderly Care

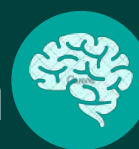


Zero Operational Burden
Save nurses time rather than
increase their workload

AI Care Intelligent Care System

Eyes, Ears, Voice + One Brain – 24/7 Protection

AI Care System



AI Eye Care System



AI Talk Voice



AI Nurse System



*The images are for illustrative purposes only, and the final product appearance may vary.

AI CARE Benefits

AI Quantifiable System:

25% ↑

Rehabilitation
Adherence

AI Voice Assistance:

75% ↓

Caregiver
Burden

AI Care System:

50% ↓

Fall Incidents

Smart Aging Solution: Senior Mental Health

80% ↑

AI Quantifiable System

AI Care System

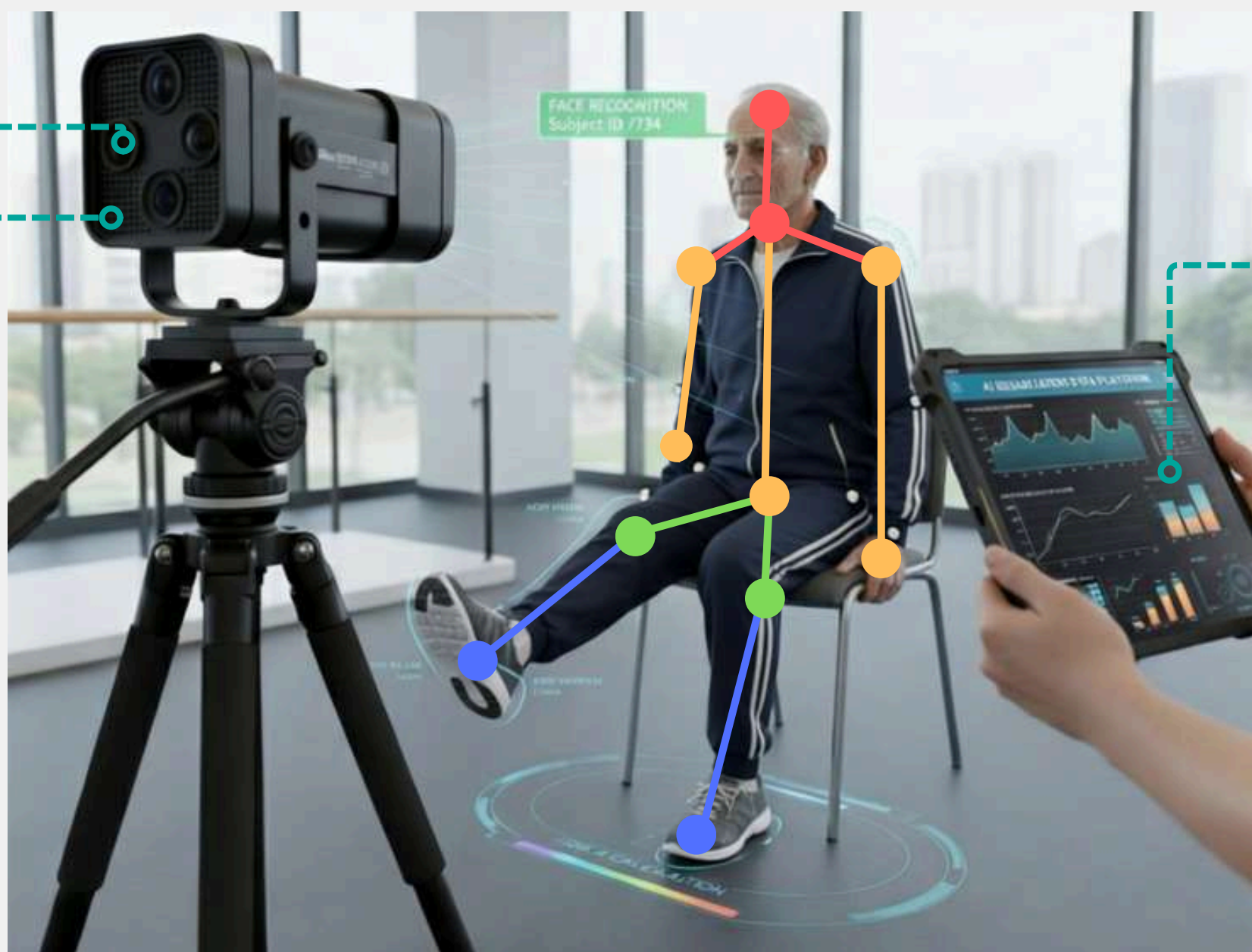
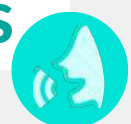
AI Voice Assistance

25%↑
Rehabilitation
Adherence

Motion
capture



Voice
prompts



Ipad
Display

AI Quantifiable System

AI Care System

AI Voice Assistance

CASE STUDY ANALYSIS



Exercise Progress
Estimation Error

40% ↓

AI Cam Motion Tracking



Facial Recognition



Data Analytics

1 Motion Range 2 Acceleration



Automated
Measurements

AI Quantifiable System

AI Care System

AI Voice Assistance

See
Measure
Compare



AI Cam
Motion
Capture



Facial Recognition

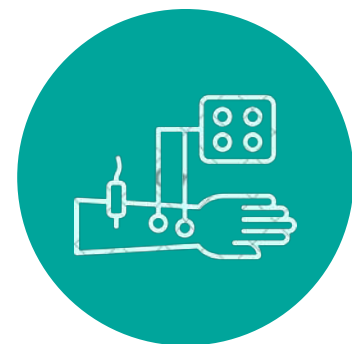


Data Analytics

1 Motion Range 2 Acceleration



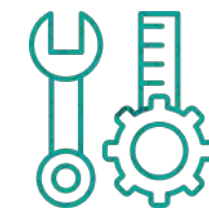
Automated
Measurements



Add-on:
EMG Sensing



Wearable



Precise
Measurement

AI Quantifiable System

AI Care System

AI Voice Assistance

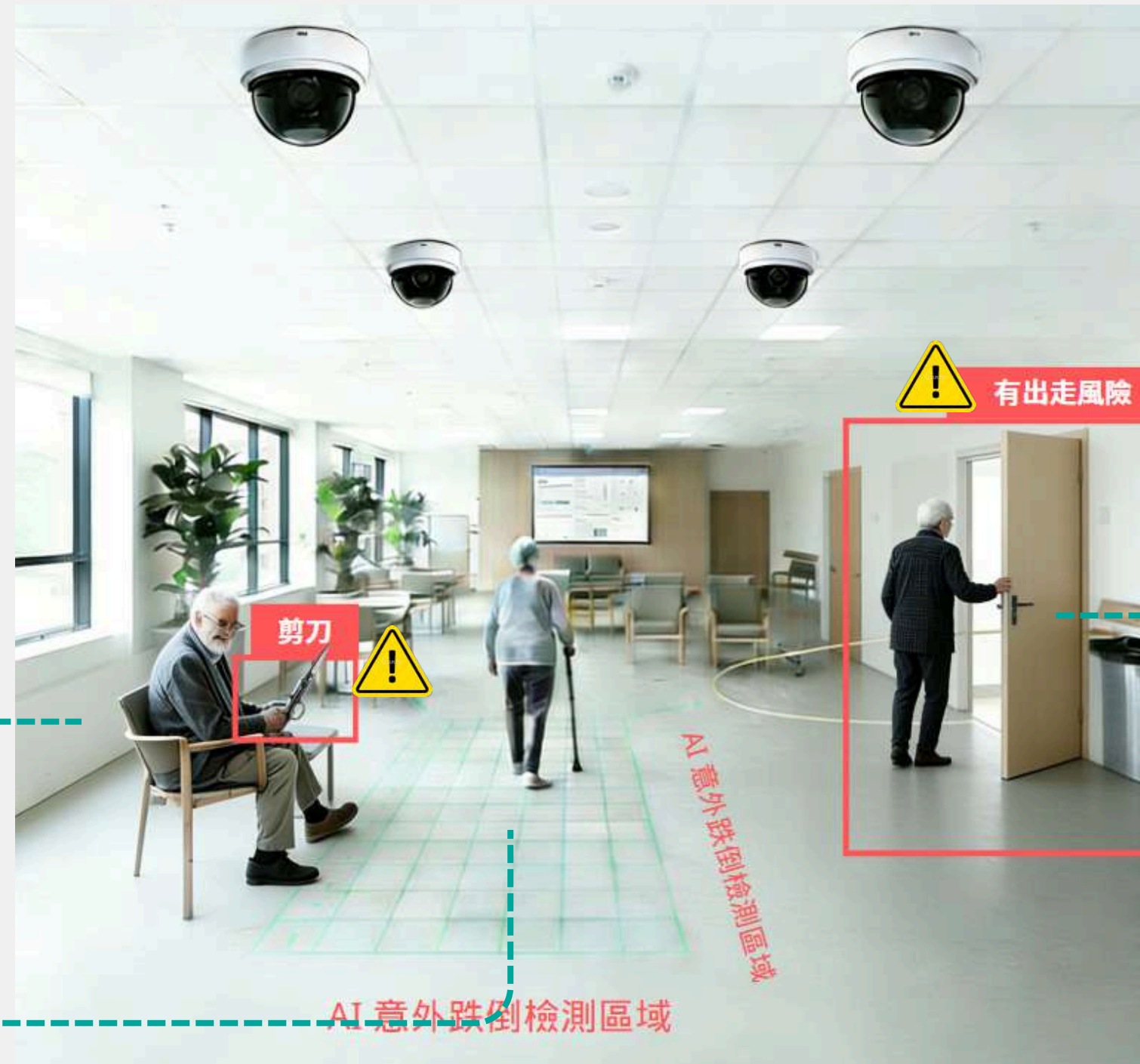
↓ 60%

Anomaly Detection



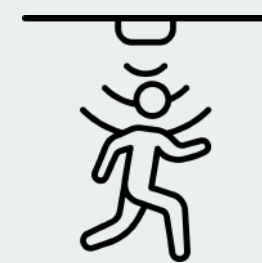
↓ 50%

Fall Prediction



↓ 95%

Wandering Risk



Annual Fall Rate
(65+)

~35%

AI Cam: Sit-Stand Monitoring & Fall Prevention

Objectives

- Accurately detect abnormal sitting behavior
- Refer to therapist promptly
- Proactively prevent the risk of falls

Long-term function

- Continuously record daily activity patterns
- Analyze whether sitting and standing movements are stable

Instant Functionality

- When an elderly person shows obvious signs of imbalance (shaking for >3 seconds)
- Trigger alarms immediately to alert caregivers.

Input (Video/Frames)



Preprocessing



Post Estimation



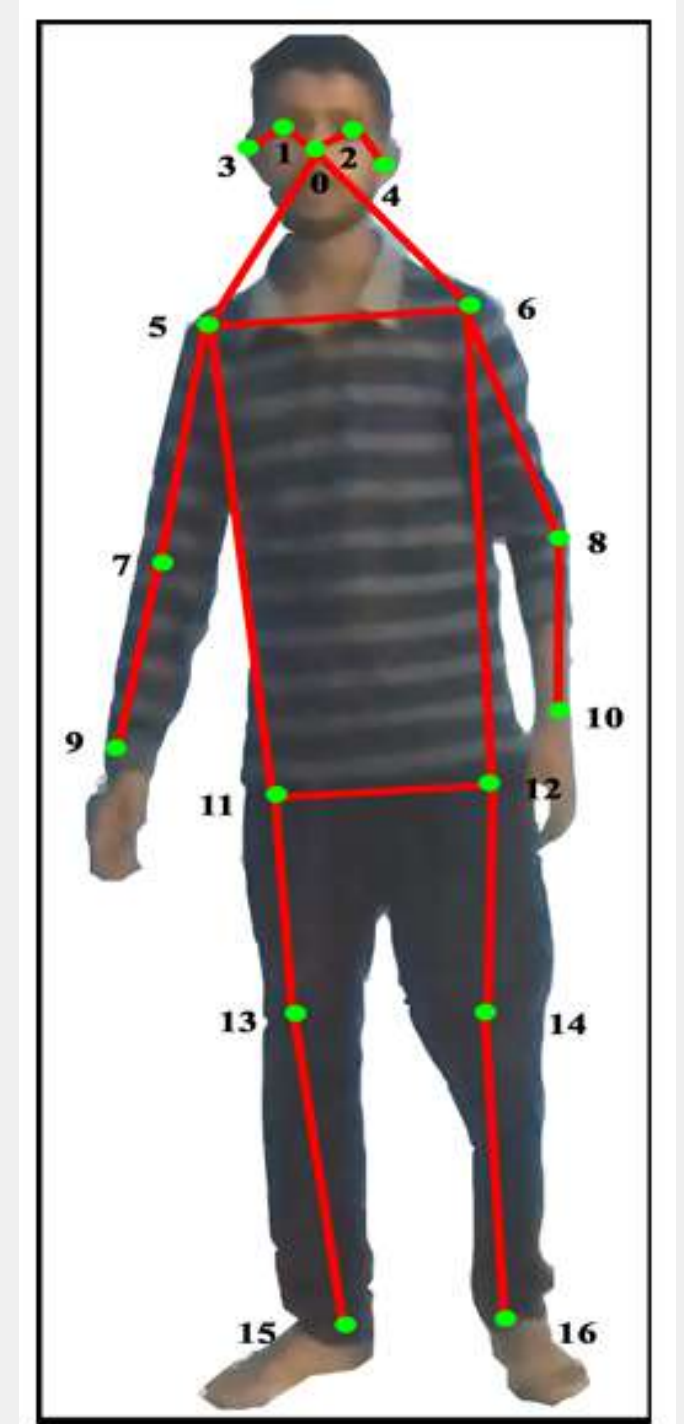
Keypoints Extraction



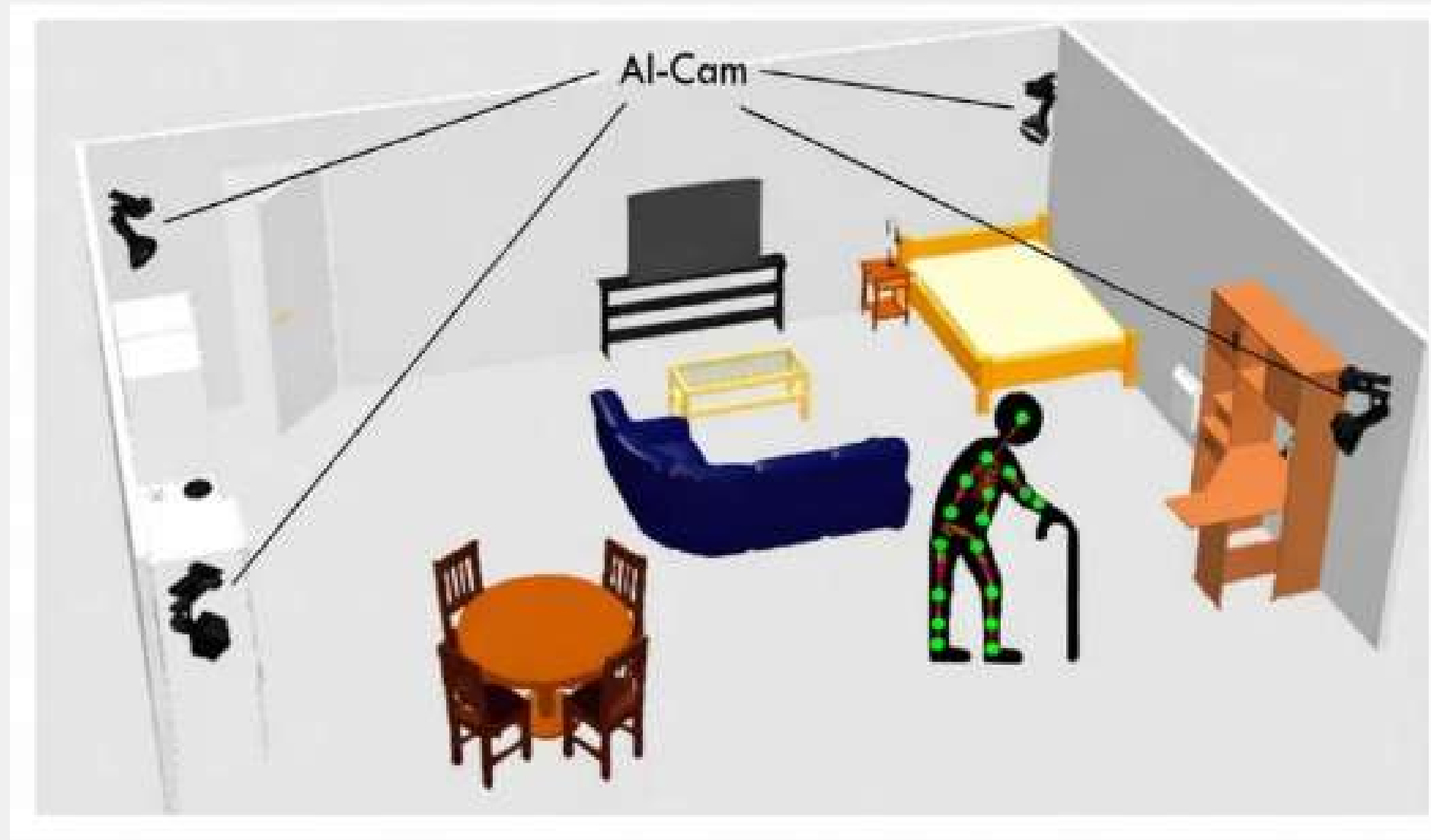
Analysis of coordinates
of keypoints



Fall or ADL



AI-Cam Practical Application Scenarios



Continuously record accident alerts

AI Quantifiable System

AI Care System

AI Voice Assistance



Listen Your Inner Voice

For elderly friends living alone in their own space

75%↓

Caregiver Pressure



Instant Response



Completely Private,
No Internet Required



AI Cantonese
Conversation



Voice Control Setup



Daily Health
Reminders



Video Call Companion

COMPANIONSHIP WITHIN EASY REACH



Bedside helper,
family forever close



Placed beside them, it is
companionship