



ECHO SYSTEM

NON-WEARABLE / NON-INTRUSIVE
ELDERLY CARE HOME OBSERVER



EchoCare develops a Non-wearable/Non-Intrusive elderly-care, home monitoring system that automatically detects and alerts on emergency and abnormal situations at home



The ECHO system is a connected smart home device that detects various falls and other abnormal situations, such as respiration distress and an early stage health deterioration



The ECHO is based on a unique radar that doesn't compromise the senior's privacy and covers a standard apartment with a single device

THREE LEVEL OF SYSTEM ALERTS

EMERGENCY SITUATIONS



- > Acute Falls
- > Drown in bathtub
- > Respiration Distress

ABNORMAL SITUATIONS



- > Repetitive moderate fall
- > Prolong stay at restroom
- > Abnormal motions

ACTIVITY OF DAILY LIVING (ADL)



- > Health Deterioration
- > Potential dementia
- > Falls Prevention

ECHO- HIGH LEVEL SPECIFICATION

- SINGLE SYSTEM PER TYPICAL APARTMENT
- ROBUST FALL DETECTION
- SINGLE OR TWO PERSON MONITORING
- VOICE COMMUNICATION CHANNEL
- CLOUD CONNECTED BIG DATA
- CEILING OR WALL DEPLOYMENT

