



**AGING WELL AT HOME WITH A
NON-WEARABLE and NON-INVASIVE
HOME CARE SYSTEM**

Improving seniors Quality of Care and
providing Peace of Mind to their families



EchoCare Technologies offers a leading **Wellness and Prevention care system** for the senior population that live independently in their home.

It learns the person's **Daily Activities** to identify potential health deterioration, and detects and alerts on **acute situations** such as falling or respiratory distress.

We are the only non-wearable, non-invasive system that provides holistic behavioral monitoring and emergency detection solution.

Non-Wearable, Non-Invasive Elderly Care Home monitoring system

From **Preventive care** to **Emergency detection**



Preventive care

- Daily activity monitoring
- Falls prevention
- Sleep monitoring
- Health deterioration

Abnormal situations

- Repetitive moderate falls
- Prolonged stay in bedroom or restroom
- Wandering & Abnormal motions

Emergency situations

- Acute falls
- Respiratory distress
- Drown in bathtub

Noticing Gradual Changes

Daily Living Activity Analysis
Advanced Sleep monitoring

Daily Living Activity

Physical Activity

4 Activity levels

Home Usage

Rooms occupancy,
Trajectories

Gait Analysis

Walking distance,
speed and profile

Night Sleep

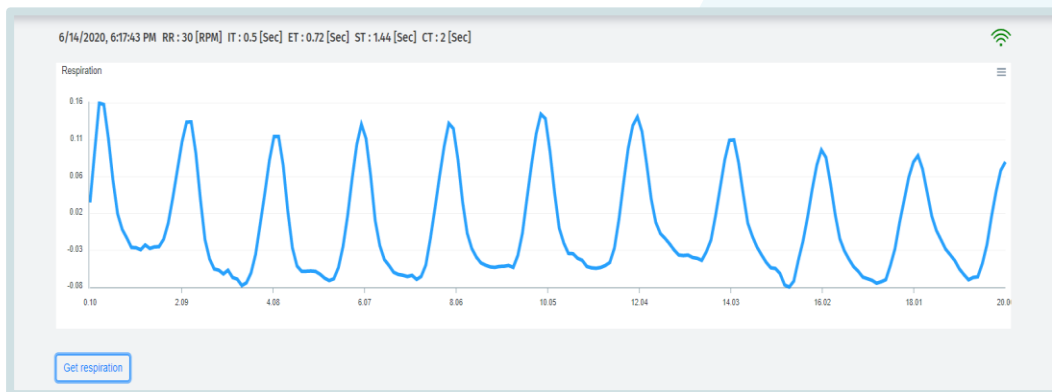
Sleep Monitoring

Respiration monitoring;
out of bed detection; etc.



Respiration Monitoring

Accurate respiration parameters extraction
Advanced and patented Analysis approach



Parameters

Respiration Rate
Inhale/Exhale Time
Stop Time

Abnormal Cases Det.

Hyperventilation
Apnea



Supported Services

System Functional Capability	Current version
Locations Indication	✓
Out of Home indication/alert	✓
Visitors indication	✓
Acute Fall alert	✓
Fall from a bed alert	✓
Slow slumping to floor and Long time lying alert	✓
Prolong sedentary alert	✓
Respiration pattern monitoring and Hyperventilation alert	✓
Out of bed alert	✓
Lying to Sitting on bed alert	✓
Prolong stay in toilet	✓
ADL- Physical Activity	✓
ADL- Gait Profile	✓
ADL- Location Distribution	✓
Bed Tracking	✓

Validated proprietary technology

With strong IP portfolio that includes 6 issued patents, EchoCare leads the category with unique validated proprietary technology.

EchoCare developed industry leading RF based system that enables monitoring 5 body Indicators constantly measured followed by AI & ML Engines



Location



Posture



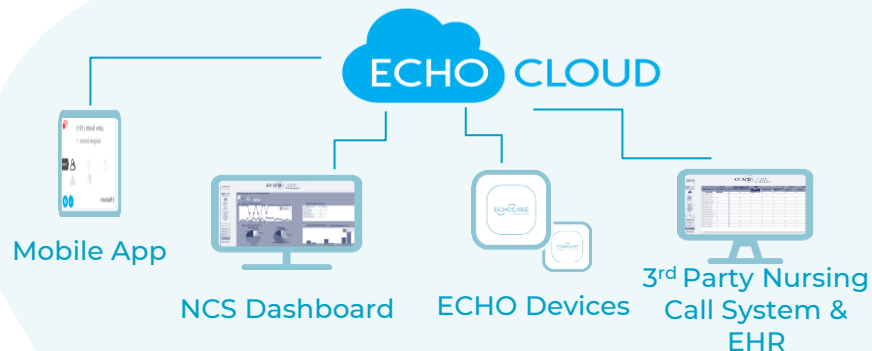
Motion



Respiration



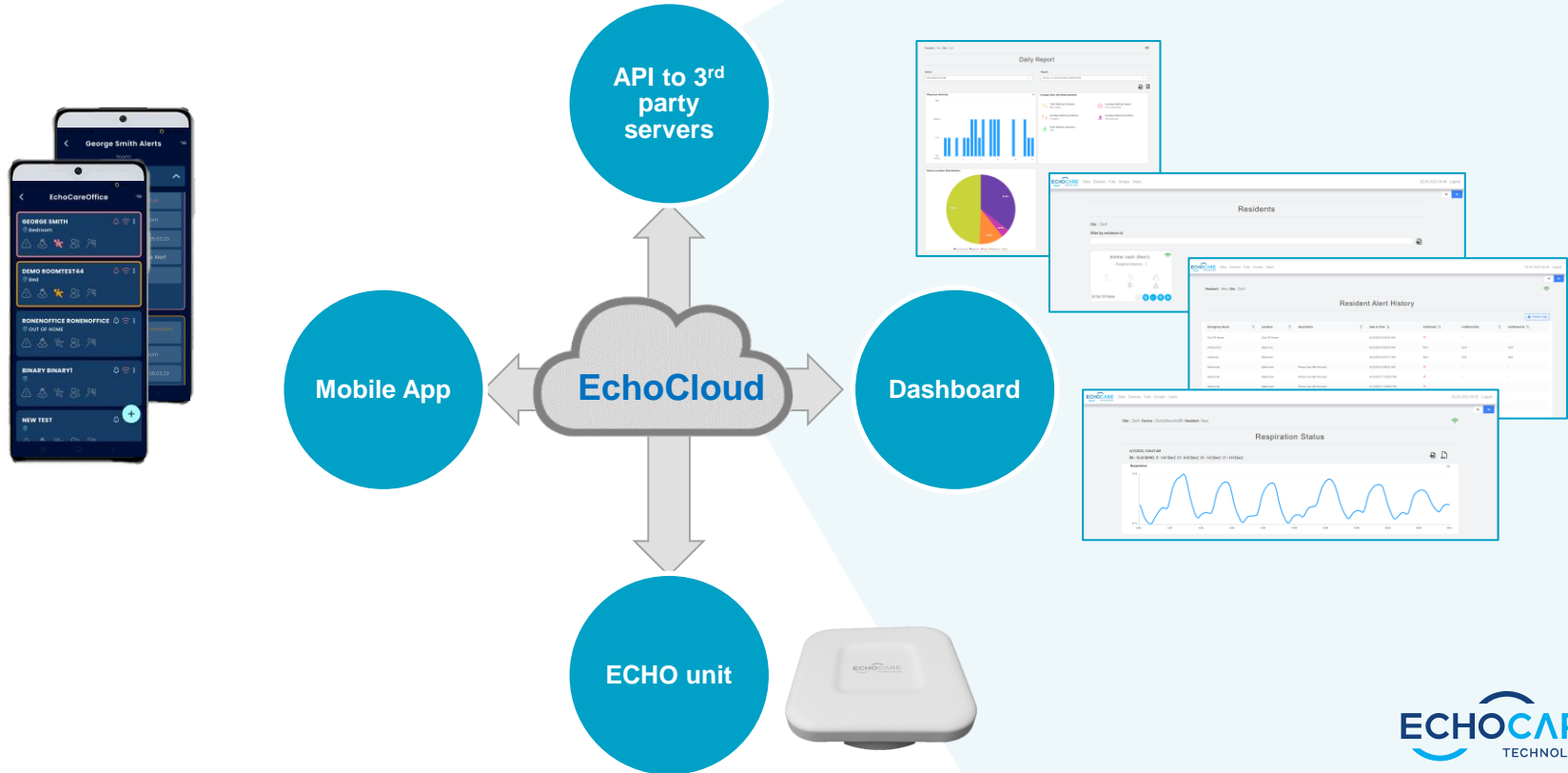
Heart Rate



The ECHO cloud includes

- Access to healthcare professional
- API for other operators' NCS
- Remote SW update and New services
- Big Data analytics

ECHO System Overview



The System can be installed either in the private home or at LTCF

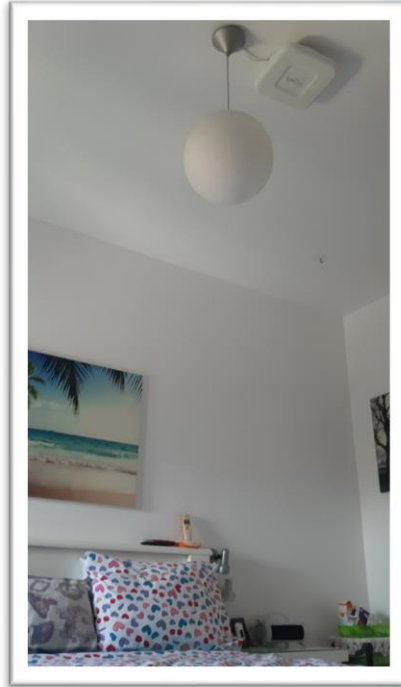
Can “see” through internal walls



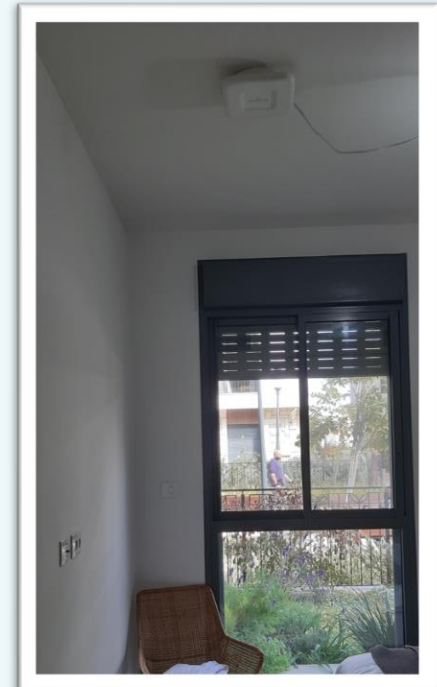
Use Cases



Long Term Care Facility



Aging-in-Place



Independent Living Facility

Demo Videos

Apartment use case



Senior Homes use case



The Products

Product PN	ECT-1210PC/1310PC ECHO Apartment	ECT-1330PC ECHO Bathroom	ECT-1310PC-D1 Ceiling Docking	ECT-2010PC Wall mount docking
	 A white, rectangular, wall-mounted device with a recessed front panel and the ECHO CARE logo.	 A white, rectangular, wall-mounted device with a recessed front panel and the ECHO CARE logo.	 A circular white ceiling-mounted device with a green circuit board and a yellow component visible on its back.	 A white, square-shaped wall-mounted device with a mounting bracket and a pull cord.

**LIVE HEALTHY
LIVE LONGER
WITH ECHOCARE**



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