

A NEW
DIMENSION
IN **FALL**
PROTECTION





MDsense: Innovative **game changing**

A BETTER WAY TO DETECT SENIOR FALLS!

1 OUT OF 4 ADULTS OVER 65
fall each year

88% WERE ALONE
when they fell

Falls are the leading cause of accidental hospitalizations, injury and death among older people. What if the resident isn't wearing an emergency pendant? Or cannot reach a panic button?

Essence's MDsense is the solution!

Pioneering New Telecare

CLASSIC TELECARE	NEW TELECARE
Mostly Analog systems	Digital AI-based services
Limited DTMF-based protocols	Real 24/7 monitoring
Challenging setup & maintenance	New level of event verification
Limited to emergency pendants	New next generation fall detection

Complete indoor **fall detection**

MDsense is a non-wearable senior fall protection solution that immediately detects a fallen person without relying on a wearable to detect the fall itself.

Multi-dimensional fall sensor:

- Fall Detection – Immediate alarm
- Uses AI for fall verification
- Differentiates between people and animals
- Identifies resident's position
- Works in total darkness
- Easy to install, battery operated
- Complete privacy protection, no cameras

Classic telecare fall detection solutions rely on a wearable device to catch a person in the act of falling.

With the **MDsense innovative solution** in senior fall protection, a person is immediately detected as having changed from a standing or upright position to a lying position.

This means that any person who finds themselves lying on the floor without the ability to get help, will be detected as requiring assistance.

Already internationally recognized



Immediate & verified:
response to senior falls

MDsense fall detection technology can be installed in all the living spaces including bathrooms, to detect falls without the need for wearable fall detection pendants or other active alerting devices.



Full coverage for a range of locations

Independent living



Senior care facilities



Care@Home™ Platform



Essence Care@Home™ enables families to be confident that their dear ones are cared for, while end-users are enabled to maintain their independent lifestyle. The award-winning Care@Home Multi-Service Platform is an Aging-in-Place product suite that offers seamless home care monitoring indoors and outdoors, allowing independence for seniors and peace of mind to their loved ones. Essence is spearheading a paradigm shift in seniors' Aging in Place experience





Essence SmartCare, part of the Essence Group, develops pioneering IoT platforms for market-leading healthcare and senior care providers, enabling smart preventive care and emergency response so seniors can live life to the fullest – with total peace of mind. Partnering with Essence SmartCare helps position companies as progressive, forward-thinking and in touch with the need to enable elderly and vulnerable people to lead more independent and safer lives.



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