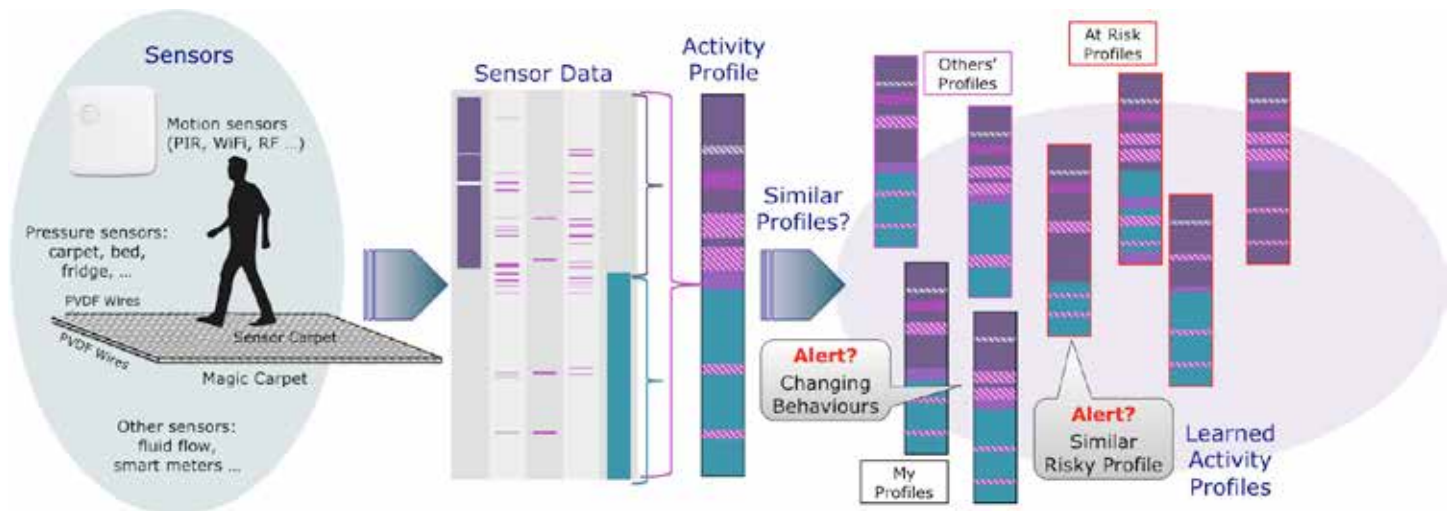# FITsense: Fall Prediction in Technology-Enabled 'FIT Homes'

FITsense analyses data captured by a variety of static sensors installed in technology-enabled 'Fit Homes'. Targeting activities identified as pre-cursors to falls, FITsense identifies patterns of activity, and changes in these patterns, that are linked to increased risk of falling. These underpin evidence-based alerts that enable interventions with preventative measures before incidents occur.

FITsense Future Intelligent Technologies for Making Sense of Living at Home

KEY FEATURES:

- Human activity recognition from real-time sensor data from 'FIT Homes'
- Learned profiles that capture activities of daily living in the home
- Case Based Reasoning to retrieve similar activity profiles that may show changes in behaviour or likeness to 'at risk' profiles

Your House Keeping You Safe @ Home

APPLICATIONS:

Profile of activities each day in the context of previous days and other residents

Alerts based on

- changes in the activity profiles towards fall precursors
- comparison with 'at risk' profiles of yourself and others

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