

Enabling independent living

Next Generation Service
for Healthy Ageing

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Our aim is to extend healthy independence through delivering new digitally enabled service models addressing key issues such as:

Frailty

Long term conditions

Co-morbidities

Loneliness



We will do this by developing:

1. Blue print for a proactive, personalised, predictive Healthy Ageing service model
2. Foundation for advanced healthy ageing analytics
3. Accelerated market access for SME products

New service model which brings the whole network together



The connectivity of IP has the power to deliver a wide range of possibilities within Independent living – for users, choosers and formal and informal carers.

There is growing consumer interest in health and well being applications and services.

Business models are changing with data as the crucial element rather than hardware of software products.

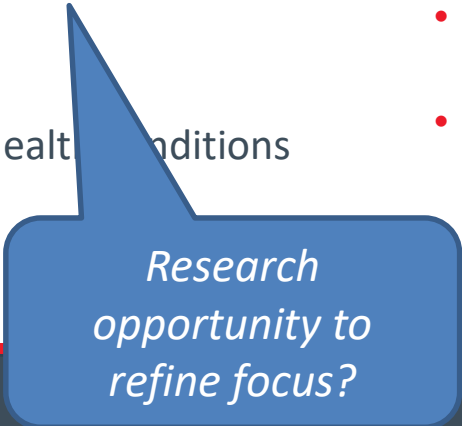
Common Challenges of Ageing

Challenges?

- Loneliness
- Fitness & Physical – muscle degeneration
- Medication adherence / reviews & management
- Nutrition and Hydration
- Frequent Infections – Eg UTI's
- Cognitive Impairment
- Poor Sleep
- Accessible Home
- Personal Security
- Co-morbidities/chronic health conditions

Potential Solutions?

- Social Connections & Activities
- Rehabilitation / Virtual Coaching / Exercise Groups
- Video Reviews / Automated Dispensing
- ADL / Weight Management / BMI
- ADL/ Temperature Management
- ADL/ Safer Walking Tech
- Wearables / Apps
- Smartlocks / Video Calls/panic alarm/Hive/Ring
- Home & Mobile Health Monitoring



Research opportunity to refine focus?

Next Generation Service Model

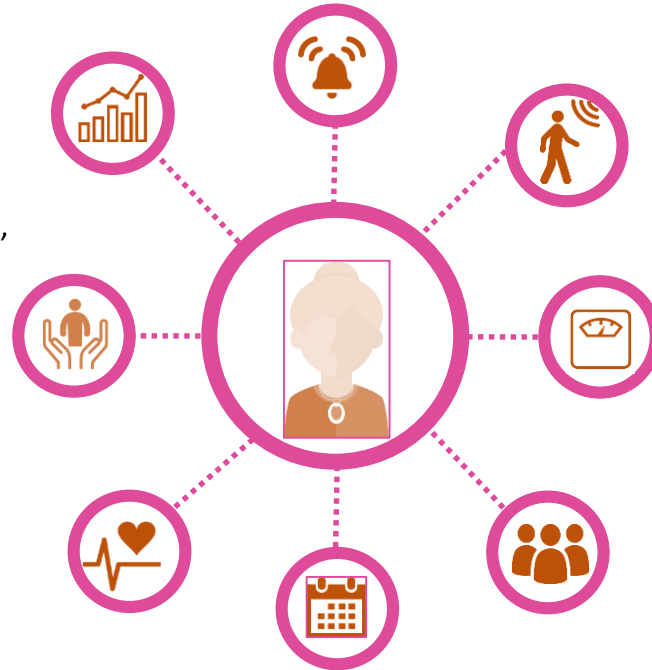
personalised, proactive & preventative care

Services at home/in community:

- Extensive environmental and personal IoT sensors (inc. wearables)
- Real Time monitoring to define activity patterns and increased predictive capabilities
- Enhanced menu of services for choosers, users & carers – see discussion point slide
- Safe walking with geolocation

Wellbeing Programmes (Consumer overlay)

- Calendars and Personal Reminders
- 'Vincles' Program – Social & Community Connections
- Life & Fitness Coaching (Relaxation)
- Cognitive Gameification
- Nutritious & Balanced Fresh Food
- Digital Inclusion & Skills Programme



Care programmes (State commissioned)

- Active and Healthy Aging Promotion Program
- Processes and protocols for integrated health and care pathways e.g. falls
- Programs of early detection and prevention of cognitive impairment. Tele Stimulation
- Physical and functional tele-rehabilitation
- Telemonitoring programmes for people with chronic diseases
- Carers assessment & support programmes
- Specialist Skillsets:
 - Psychosocial care program ??
Such as??
 - Abuse prevention.
 - Suicide prevention.
 - Contingency and major disaster management

Integrated and accelerated marketplace

