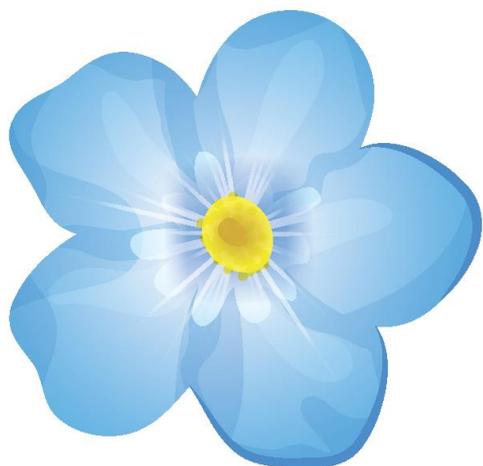


# Avon and Somerset Dementia GPS Safeguarding Scheme

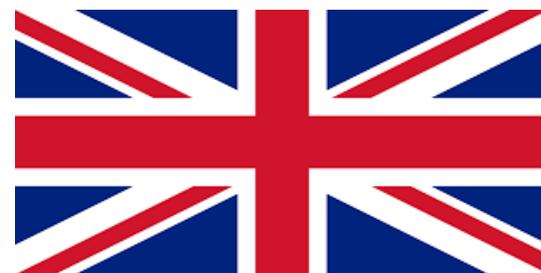


**AVON AND  
SOMERSET**

**DEMENTIA  
FORUM**



Sergeant Stuart King  
Avon & Somerset Police,  
England, UK

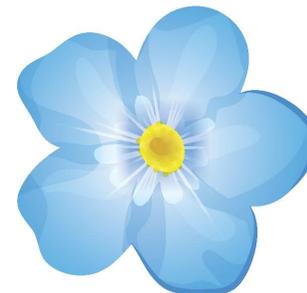


buddi

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### The go anywhere, anytime personal emergency response service

Help is always there at the touch of a button. If you press the alert buttons for help or if you have a fall, our 24hr monitoring service can find information about your location, talk to you through your buddi to establish the kind of assistance you require, and notify your emergency contacts.



AVON AND SOMERSET

DEMENTIA FORUM

## Dementia GPS Safeguarding Scheme

Utilising GPS technology to protect members of our community who are living with dementia and at-risk of becoming a future **missing person**.

# Scanning

- In UK, dementia one of most significant conditions affecting older population
- Predicted estimates:
  - 2025: 1 million+ people
  - 2051: 2 million+ people



**1 in 3** people born in the UK this year will develop dementia in their lifetime.

Alzheimer's Research UK

Download, Share, and Information icons

Source: Lewis, F: Estimation of future cases of dementia from those born in 2015 (July 2015); Consultation report for Alzheimer's Research UK



**850,000** people are estimated to be living with dementia in the UK.

Alzheimer's Research UK

Download, Share, and Information icons

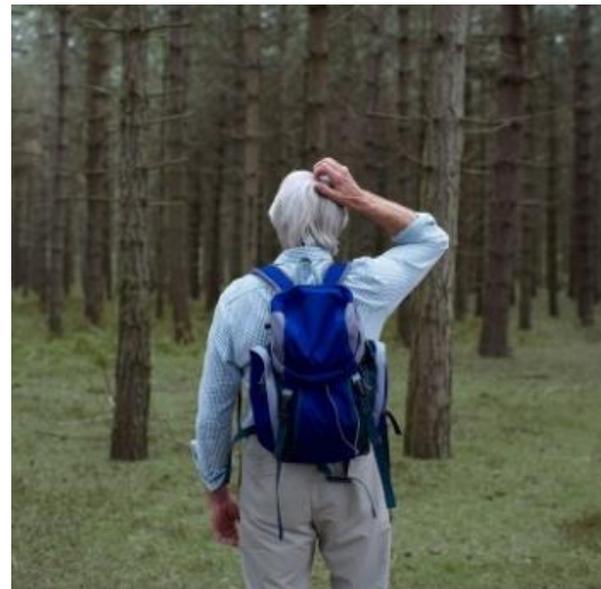
Source: Prince, M et al. (2014) Dementia UK: Update Second Edition report produced by King's College London and the London School of Economics for the Alzheimer's Society



## Poignant memories...

- Increase in call for assistance from public
  - Lady who traveled across city to visit mother in family home that was removed after WWII
  - Death of man with dementia struck by train after becoming disorientated
  - Personal family diagnosis
  - Drive for efficiency and maximising our ability to protect

## My tipping point for action...



# Analysis: the problem

## Increase in missing people nationally



**Table 1: Calls made to the police in England, Wales and Scotland regarding missing and absent persons 2012 – 2016<sup>c</sup>**

<b>Financial year</b>	<b>Total Missing related Calls</b>	<b>England &amp; Wales related calls</b>	<b>Scotland related calls</b>
<b>2015/16</b>	<b>377,710</b>	<b>337,640<sup>d</sup></b>	<b>40,070</b>
2014/15	321,992	282,066	39,926
2013/14	307,172	270,699	36,473
2012/13	306,118	273,319	32,799



# Demands on other services



# A chance meeting in 2015



## **Bristol Dementia Action Alliance**

Increasing the awareness of Dementia amongst the communities of Bristol

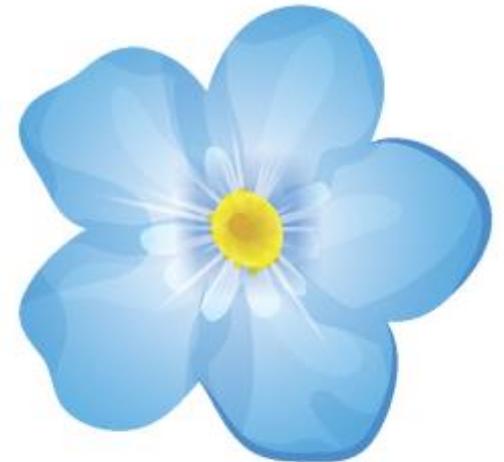
**Registered Charity 1167404**



# 2015: Dementia GPS Safeguarding scheme born

## Key issues

- Funding
- Reputational risk from media
- Longevity of scheme
- Public and charitable support



# Response

- **Stage 1 (2015-16)**

- Funding: Bristol Dementia charity
- 15 devices force-wide for 12 months
- Strict referral criteria: most at risk allocated device
- Designated mailbox for referrals
- Basic GPS pendant monitored by NHS call centre



**NHS**  
Torbay and South Devon  
NHS Foundation Trust

**PLAY VIDEO (3min)**  
[P:\Video Unit  
Folder\Buddi\Pat v1.mp4](P:\Video Unit Folder\Buddi\Pat v1.mp4)

# Continued...



- Formation of force-wide Avon & Somerset Dementia Forum
- New funding stream through PCC community fund



## Stage 2 (2017-18)



- New supplier: Bristol Careline
- Doubling devices to 30
- Missing person specialist to assess nominations
- Photograph/description added (with consent) to police intelligence system
- Promotional videos produced, local officers deliver GPS device



# Continued...

- GPS device with enhanced features:
  - Geo safe zones
  - Online location access by NOK
  - Reduced demand on police call centre: NOK don't have to wait for missing episode to develop



# Stage 3: 2018 to present

- Scheme recognised by forces across UK; replicated on varying scales
- Expansion of scheme; variety of devices under review
- Collaboration with North Somerset Council:
  - allocating GPS pendants to people with dementia
  - data shared/uploaded to our intelligence system

# Assessment

- Year 1 (2015-16) 87% success preventing police missing person reports
- Year 2 (2017- 18) 100% success: 0 calls for police assistance
- Wider benefits:
  - Enhanced safeguarding building relations between police and community

