

## Analogue to Digital Transition (A2D) Midcare / Telecare



### Situation

Midlothian HSCP has recently brought together the operational (Midcare) element of telecare provision with the strategic requirement to manage the A2D transition.

During the exploratory work within the A2D project, there is evidence of a need for a large capital spend programme (for replacement alarms and peripherals) to mitigate the effect of the digital telecom's switchover.

### Background

In 2017 it was announced by all the main telephony providers in the UK that their existing analogue telephone infrastructure would be decommissioned and replaced with a digital internet protocol service by 2025. Updates provided by these suppliers indicate acceleration of these timescales in some cases with an end date of 2023. Although many users will be unaware of any change to their telephony service following this transition, this announcement causes significant implications for telecare service providers, and for citizens in Scotland who are currently in receipt of these essential services within their home.

# Analysis

Risk of alarms failure (digitisation of network)

Inefficient use of resources

Risk of inaction (global supply chain issues)

Risk of not establishing a foundational infrastructure

Risk of telecare system failure (maintenance)

# Anticipated Capital Request



|  | Clients | Alarm Cost | Peripherals Package Cost |            |                                      |
|--|---------|------------|--------------------------|------------|--------------------------------------|
| Total Client Base  | 1776    |            |                          |            |                                      |
| 60% Basic 'average package<br>(Alarm + pendent + falls<br>detector)  | 1066    | £200       | £144                     |            |                                      |
| 35% Full 'average package'<br>(BASIC + 3 Smokes + Heat +<br>CO + 2xFlood, + Chair<br>Occupancy + Bed<br>Occupancy) | 622     | £200       | £744                     |            |                                      |
| 5% Enhanced 'average' package<br>(FULL + Property Exit Sensor,<br>PIR)   | 89      | £200       | £1,049                   |            |                                      |
|  |         |            |                          |            |                                      |
| Basic 'Average' package  | 1066    | £213,120   | £153,446                 |            |                                      |
| Full 'average package'   | 622     | £124,320   | £462,470                 |            |                                      |
| Enhanced 'average' package   | 89      | £17,760    | £93,151                  |            |                                      |
|  |         | £355,200   | £709,068                 | £1,064,268 | Total Estimated<br>Equipment<br>Cost |