



STOCKPORT
METROPOLITAN BOROUGH COUNCIL

Technology Enabled Care (TEC)

18th January 2023

**Ambitious Stockport,
creating opportunities
*for everyone***



TEC – Our 5 Year Vision

- We are developing a TEC strategy for Stockport
- Over the next 5 years our vision is to provide more opportunities to deliver personalised, cost effective care and support using digital solutions and data insights that promote independence and safety.
- To achieve this, we will need to adopt a **ONE Stockport** approach, working in partnership with colleagues in health, housing and the VCSFE sector.
- By 2027/28 are aiming to have 70% of individuals supported in the community utilising TEC.

People have access to alternative, at-home support and interventions, enabled by technology.

Care and support is personalised and co-produced

Adoption of proactive & preventative services that avoid crises and provide better connection into the local community

Digital enablement of care and support, where services are driven by both personal and population data

TEC integrates with health & care in terms of people, process and data

Care workforce has awareness, digital skills & flexibility

More People are able to return home following a stay in hospital

Ambitious Stockport, creating opportunities *for everyone*

What is Technology Enabled Care (TEC)?

Telehealth and
Telemedicine

Utilising communication technologies to facilitate remote consultations, diagnosis, and treatment, reducing the need for in-person visits

Wearable Devices

Incorporating wearable technology such as pendants, smartwatches, fitness trackers etc to monitor and track patients' health metrics and status in real time

Remote patient
monitoring (RPM)

Employing devices and sensors to collect health and data from patients in their homes, allowing healthcare providers to monitor conditions and intervene where necessary

Other types of
technology

Apps, AI, Data Analytics, VR, AR, Robotics

Challenges and Opportunities

Challenges and Opportunities over the next 5 years?

- Care needs will increase due to demographic changes and services will be under continuing pressure to meet need and demand in a timely manner; there will be a continuing challenge in the recruitment and retention within Health & Social Care.
- Local services must strike the appropriate balance between immediate risk and prevention.
- Technological developments will provide increasing opportunity to deliver personalised, cost-effective health, care and support with better use of data and personal information to identify and address need.
- The digital transition will be complete, enabling people to use digital solutions and data insights to promote independence and safety as part of the blending of virtual and physical support.
- Technology presents major opportunities, but there are risks from failure of systems, inappropriate use of TEC, inadequate knowledge and training of staff. Assuring the quality and effectiveness of application is very important.

What is our current offer?

Response

Falls Service

Wearable sensors, alert systems, and response teams

- Response Service
- Swift response to falls, ensuring rapid assistance.

Without Response

GPS Trackers

Door Sensors

GPS Tracking

Medication Prompts

Remote Health Monitoring

Doro units

Canary

Epilepsy Sensors and other sensors

Ethelcare

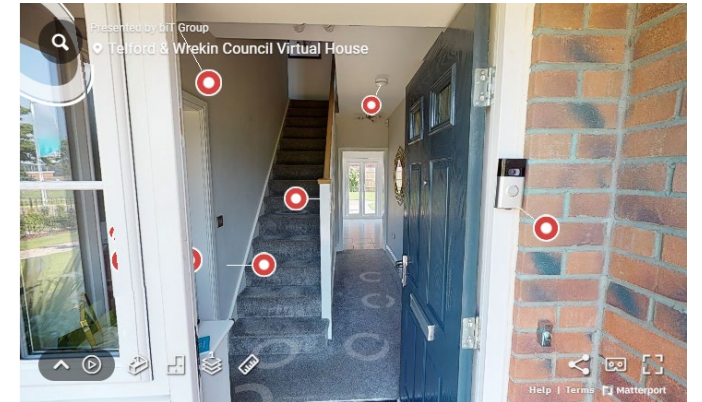
What else could we offer?

- There's a multitude of TEC available in the market
- We want to explore what else is available and test different types of equipment
- Equipment that's trialled, and fulfils our 'to be' defined criteria will then become available
 - Test and trial

Virtual House – [Virtual House tour - Virtual House tour - Telford & Wrekin Council](#)

Welcome to our virtual house! An interactive tour showing examples of Occupational Therapy, Assistive Technology and Sensory aids, equipment and solutions that may be helpful to you or a family member to do daily activities around the home.

*Within the tour you will find information about these items including where they can be purchased**



Ethel Care – [Virtual Medication Visit - YouTube](#)

Next Steps & actions

Aligned to the five year digital plans of the council

1. Strategy Implementation

Finalise our strategy and establish a strategy group to oversee the development programme, connected to operational working group and champions group (including people with lived experience) -> **Oct 23 onwards (Champions from Apr 24)**

2. TEC service delivery

Ensuring we have the right TEC provision to deliver on our vision and ambitions. Working with providers in Stockport to develop awareness and build evidence.
> **Apr 24**

3. Council TEC Champions

Own the development plan and act as connection between TEC partners and frontline staff, building relationships with public, private and voluntary sector partners –
> **Q1 24/25**

4. Establishing key 'enablers'

Outcomes focused referral, benefits measurement, eligibility and charging, innovation roadmap and focused test and learn projects (discharge, reablement, LD & Autism, transitions, step-down) -> **from Oct 23 – Jul 24**

Next Steps & Actions

5. Culture Change

Providing confidence to the frontline for TEC and its benefits to those they support and to the workforce – rollout awareness training & e-learning tools -> **from Feb 24 - Jul 24**

Ability to confidently signpost the public to a robust private pay offer across TEC services and low-level aids to daily living. Ability to confidently incorporate TEC into care and support plans> **Q2 24/25**

6. Analogue to Digital

Moving existing TEC users to digital ahead of end 2025

> **plan developed by end Q4 23/24, phased implementation through 24/25, to complete by end Q2 25/26**

7. Model for Prevention

Enabled by data insights, to avoid escalation of need and align with ICS anticipatory care initiatives -> **initial test and learn with Ethelcare from Nov 23 (current purchase of 12 devices)**