

CareHomePod

The CareHomePod enables residents' health to be monitored within a multi occupancy dwelling such as a care home or supported living environment.

Capable of being integrated with GP and Community clinical systems, it is a significantly enhanced means of enabling and supporting residents to reduce pressure on Primary, Community and Secondary Care.



Daily monitoring allows the early identification of a clinical risk thus reducing the risk of a Hospital admission.

Our Specialist Nurse-led, centrally managed clinical service compliments local health and social care services to:

- ✓ Create more time for GP's and Community Staff
- ✓ Provide invaluable information to Out- of – Hours Providers
- ✓ Reduce care home visits by GP's in and out of hours and Community teams staff
- ✓ Reduce unplanned hospital visits, admissions and subsequent lengths of stay

Relieve the strain on the Health and Social Care environment with Telehealth Solutions CareHomePod.

What is a CareHomePod?

The service is designed to monitor patients within a multi resident environment and to facilitate support staff to work with their local clinicians to provide remote clinical support including a video link for patient consultations when required.

Our service creates a detailed clinical summary for each resident during a bespoke registration process that provides GP's and other identified stakeholders access to a plethora of the resident's health and well-being data including vital signs. This information is key to the early identification of developing clinical risk and enables GPs and Paramedics to make informed decisions about transfer to hospital of residents both in hours and out of hours.

Bespoke resident data can be sent to GPs directly and stored within the GP Practice Electronic ClinicalRecord thereby providing important information about trends in symptoms and signs.

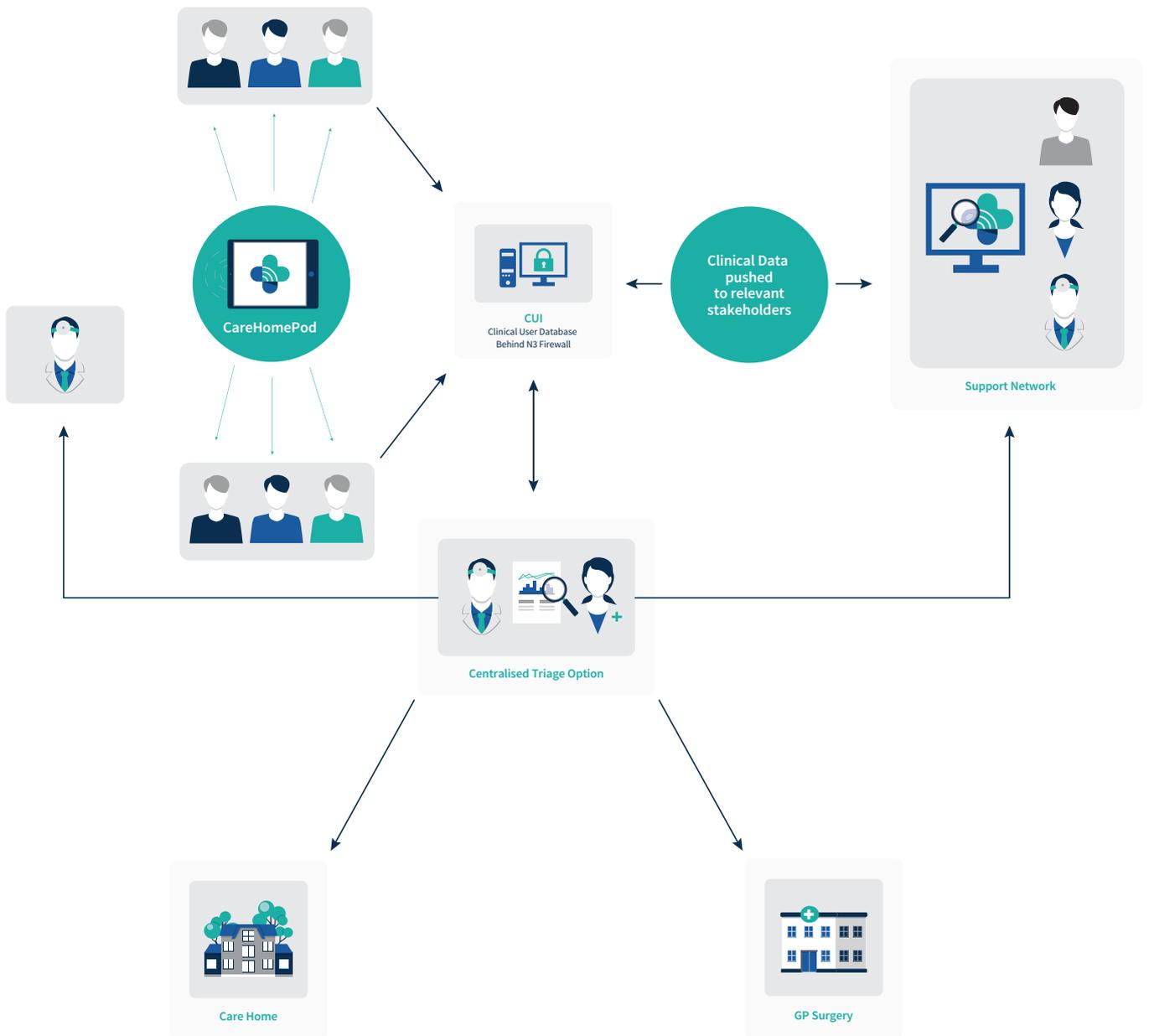
Functions

- 1** Multi-resident software with a resident registration process including the collection of vital sign base data
- 2** Bespoke data sent to GP practice or to triage service (or both) with integration into the patient management system if required
- 3** Includes range of medical devices including: Sphygmomanometer / Glucometer/ Blood Ketone Meter / Scales / Pulse Oximeter / Thermometer / Cholesterol check / INR Monitoring (July 17)
- 4** Bespoke protocols for COPD / CHF / Hypertension and Type 1 Diabetes

CareHomePod Features

-  **Easy to use**
CareHomePod is an intuitive 10” touch-screen device with large text and graphic display. The optional audio feature can replay vocal clips to ensure that people with visual impairment or low literacy levels can still use the system.
-  **Flexible**
Patients’ protocols are fully customisable by the clinicians and can be remotely updated at any time facilitating personalised care plans for multiple patients.
-  **Mobile**
The web portal allows you to securely check and add records on a smart device wherever you are.
-  **Easy to deploy**
The CareHomePod can be deployed straight out of the box due to automatic pairing, registration and signal optimiser features. The CareHomePod uses wireless and Bluetooth technology allowing the unit to be moved at any time to accommodate different patients.
-  **Educational**
Educational resources can be available for patients via embedded videos or make use of video conferencing to provide classes for multiple patients.
-  **Secure**
No information is stored on the HomePod itself and data is securely transferred to a server behind the NHS N3 firewall.
-  **Interactive**
Video conferencing now enables one-to-one tele-consultations.
-  **PDF Storage**
PDF storage on the tablet for patient Care Plans.

CareHomePod Schematic



Who benefits?

Residents:

- Proactive integrated care resulting in fewer hospital admissions
- Improved wellbeing
- Increased confidence and greater peace of mind
- Reassurance of continuous monitoring
- Improved resident and staff management
- Biometric monitoring resulting in early warnings

Hospitals and Ambulance Service

- Greater clinical information
- Ability for real-time consultations in-hours and out-of-hours
- Transfers to A+E and MAU only when appropriate
- Reduced waits in A+E
- Reduced unplanned admissions
- Call outs when appropriate
- More appropriate hospital transfers
- The creation of more time

Clinical Commissioning Groups and Local Authority

- Real innovation
- Real Integration
- Great example of joint working
- Exemplar sites
- Reduced pressure on budgets

GP Practices & Community Staff

- Improved communication with care home
- Vital signs available from care homes for first time
- Observation of clinical trends
- Ability to conduct video-consultations
- Significant reduction in home visiting
- The creation of more time
- Help with QOF

Care Homes

- Improved integration
- Better care
- Better quality
- Upskilled staff



A Clinical View from our Medical Director, Julian Neal

Having spent over 30 years as an NHS GP I know how difficult it is to address the needs of a frail, elderly population who live in either sheltered accommodation or care homes. There never seems to be enough time to care for this rapidly increasing population and often decisions are made to visit or admit with insufficient clinical information. And the situation is getting more difficult by the day as hospitals struggle with demand.

Telehealth Solutions' CareHomePod not only provides an early warning of deteriorating health and thus an ability to prevent significant clinical deterioration but equally importantly creates time for hard working staff in Primary and Community Care as well as providing a brilliant means of increasing communication and integration between all parts of a local health service. I only wish it had been available when I was a practising NHS GP.



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Dr Julian Neal
Medical Director

TelehealthSolutions.

Telehealth Solutions Ltd was founded in 2006. Its core expertise is the development of innovative telehealth software and services for use in GP surgeries and pharmacies, commercial premises, private homes, and other institutions.



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Microtech Group is a full-service, commercial I.T. Support, Telehealth and Digital Marketing Company. We have been providing I.T. Services to the public, private and third sector organisations for over 29 years.

