

# Tunstall Healthcare Integrated Care Platform (ICP)

**Tunstall**



# ICP Overview



## CHALLENGES

- The world population is ageing
- Rising number of people with long term chronic disease
- Resources are under increasing pressure
- Current models of service delivery are unsustainable
  
- 86% of US health expenditure is on patients with chronic health conditions
- By 2035 the world will be short of 12.9 million healthcare workers
- Co-morbid mental health problems cost at least 45% more for each patient



## IDEAL SOLUTION

- Reduction in pressures on the health and social care system
- More proactive, preventative and integrated approaches
- Accelerate technology-enabled innovation
  
- Delaying institutionalisation by just 12 weeks on average would release ~6m bed days (£0.5b)
- Increasing healthtech uptake - 58% Australians aged 80+ regularly access the internet and half of 65+ use social media



## DESIRED OUTCOMES

- Implementing remote monitoring for patients can be a life changing experience for both client and clinician
- Patient empowerment and self care
- Reduced total cost of care
  
- 53.1% decrease in hospital admissions
- 90% “very satisfied” with service
- 70% reduction in healthcare costs
- 7000 acute bed days saved
- 45% decrease in GP call outs



# Tunstall Healthcare – Connected Health



**Tunstall**

Tunstall is driving the digital health revolution and reshaping how models of care are delivered.

## CHRONIC DISEASE SUPPORT

**Supporting community health with short- and medium-term monitoring after acute deterioration**

- Patient empowerment and self care
- Reduce hospital readmission
- Reduced total cost of care

## COMPLEX CARE MANAGEMENT

**Long-term integrated health and care management of patients with complex needs and co-morbidities**

- Improved quality of life for patient
- Prolong escalation of increased care needs
- Reduced A&E admissions

## TRANSITIONAL CARE

**Assisting acute healthcare providers through administrative managed services**

- Improved efficiency
- Improved staff and patient experience
- Reduced administrative costs

***“Our approach to remote care and health monitoring enables early intervention, reducing the need for more complex care. It is proven to keep patients out of hospital for longer, whilst improving quality and efficiency of care and reducing costs.”***



# Tunstall – Connected Health with Microsoft Azure



We understand the importance of creating a structured approach to delivery for both clinicians and IT teams. Tunstall uses Microsoft Azure to enable rapid deployment, scalability and reduced downtime

## SOLUTION ALIGNMENT

### SPEED TO DEPLOY

Implementation of infrastructure and software services are accelerated to meet demanding customer implementation timelines.



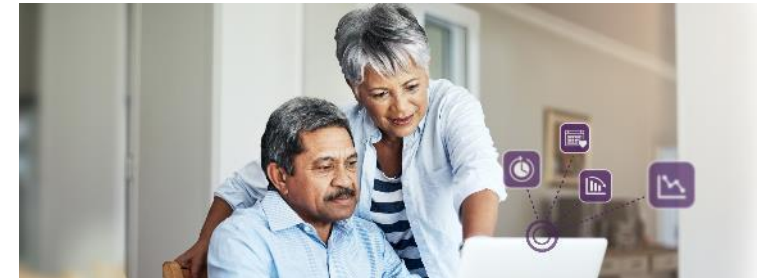
### SCALABILITY

Increased demand from new cohorts of patients with fully scalable architecture built on Azure you can grow your solution to easily meet new demands.



### SECURITY

Data Privacy and organisational security are among the concerns of customers today. Deploying with Microsoft Azure assures our key infrastructure meets the stringent demands of international and national security policies.



# Customer Success Story



**Derbyshire Community  
Health Services**  
NHS Foundation Trust

“We spend the same amount of time on patients, but it is so much more efficient because the travel time is significantly reduced – for staff and patients. Being able to review patient results daily and in real time means we can be more responsive to patient needs and improve outcomes.”

- TCV: £350,000
- Closed: October 2016
- Territory: United Kingdom



## WIN RESULTS

Increased heart failure team caseload capacity by providing remote health monitoring for patients to reduce the need for face-to-face visits.

Tunstall’s Integrated Care Platform enabled early intervention and empowered patients to manage their own conditions, thereby reducing unplanned admissions and readmissions.

77% of patients strongly agreed that the service had reduced their need to visit the GP or hospital.

97% of patients strongly agreed that the service enables their Heart Failure Nurse to better manage their condition.