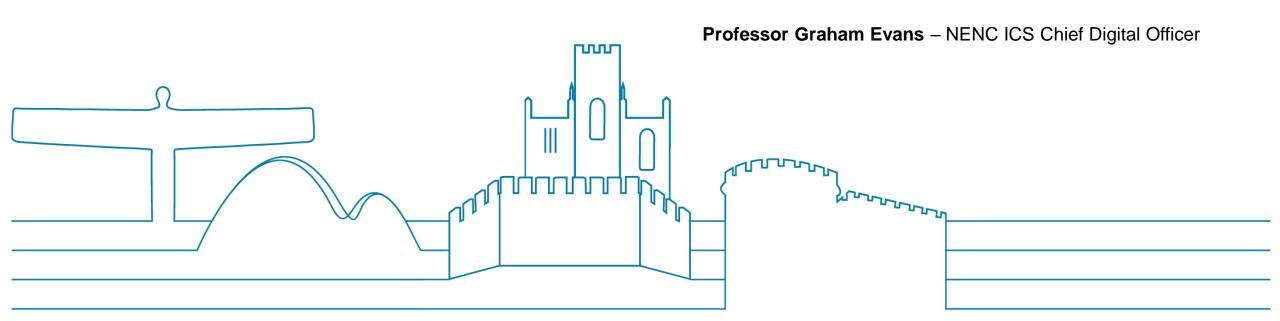


North East & North Cumbria ICS Digital Care Programme

Digital Summit – Regional Digital Strategy 16 September 2021

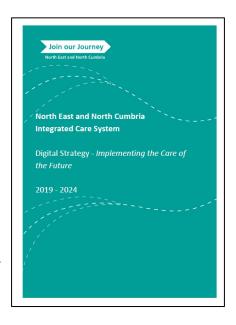


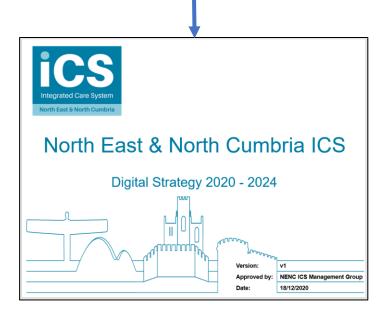


Recap - Digital enablement

NENC ICS Priority Workstreams

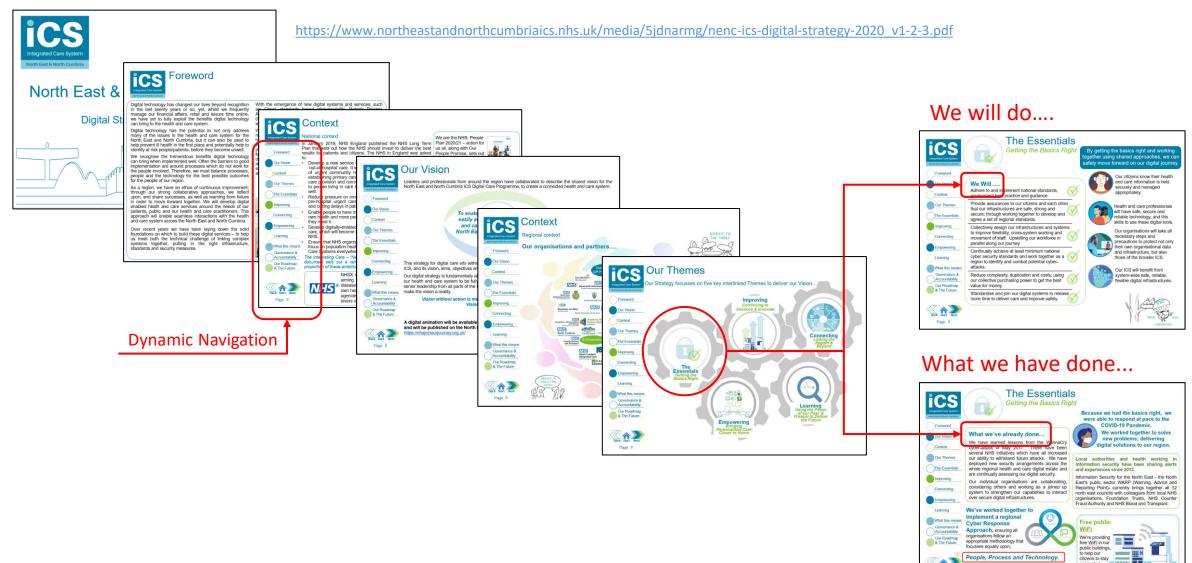
- 1. Improving population health and preventing ill health
- 2. Optimising health services specifically through ensuring high quality standards across all services and delivering safe and sustainable care in the most appropriate setting
- **3. Digital transformation** making the best use of technology, data and IT to ensuring efficient and effective services
- 4. Workforce transformation identify how doctors, nurses and other health and care professionals can work across organisations and sites, particularly hospital and community services; support and train staff to work differently; retain our existing workforce and jointly address recruitment challenges.
- 5. Mental health improve access to services and standards of care.
- 6. Learning disabilities improve quality of care, waiting times and outcomes for patients.





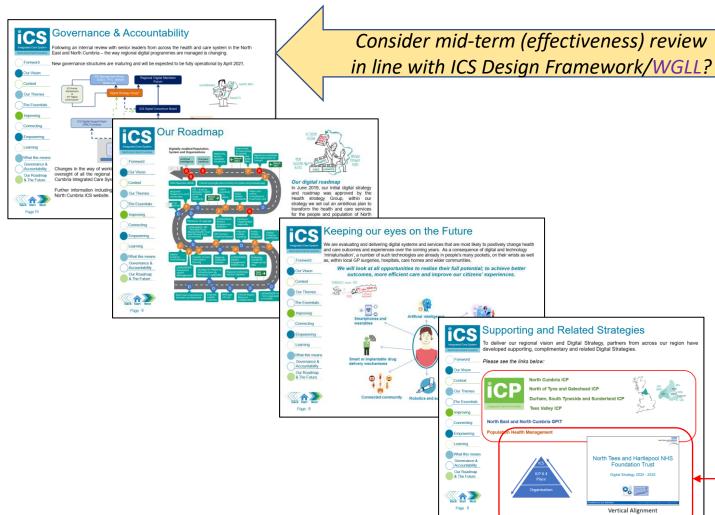


Digital strategy approach/format





Digital strategy approach/format



- ICS Digital Governance review new arrangements in place.
- ICS Digital Roadmap
- Lots delivered, COVID helped
- More to do future opportunities
- Miniaturisation driven evolution
- Digital by default
- Solid foundations essential
- Regional strategic direction
- Domain & place/ICP delivery plans
- ICP/Place/Organisational alignment

Example



NHS Long Term & People plans

Digital Interactions

- Consultations
 - Digital first access to primary care
 - 'Digital models' to reduce outpatients *
 - Video consultations *
- Apps- NHS App- Becomes 'front door'
- Personalisation Self-Care / Remote monitoring *
 - Increased use of apps (diabetes / respiratory / maternity / online therapies)



The NHS Long Term Plan

* Examples of rapid adoption to Court response

Whilst it is recognised that virtual digital tools have helped during the pandemic, there is now a time for reflection and consideration to offer patients/citizens a choice of interaction options





Digital Infrastructure

- · All trusts fully digitised by 2024
- Standards: info sharing and Cyber security
- Development of shared records (GNCR)







ICS – Strategic digital programmes



Optimising Health Services - Diagnostics

Digital Pathology





















Anticipatory Care



Strategic/Tactical oversight i.e. Winter/COVID Cyber







Management System









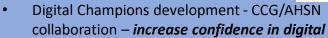
ICS – GP and Primary care

- 100% access to video consultations across general practice - reduced unnecessary footfall
- 100% access to online consultations across general practice - 39 (average no. of practice OC
- 2 way messaging systems deployed across North visits to GP practices

Delivered: Remote consultation solutions

- submissions per week Apr 20-July 21)
- Tyneside, Newcastle Gateshead and Durham saving

Transforming now: Digital first primary care



- Primary Care Innovation hub CCG/AHSN collaboration
- Refresh & update of GP websites easier navigation for public
- Sound Doctor, new service for patients in North Cumbria - staying well at home

Infrastructure

(DFPC)

- Compliant GP estate W10/N365 reduced cyber risk
- Over 1800 laptops and peripherals deployed to enabled remote access
- BUYOD enabled for staff working remotely in excess of 300 staff able to use own device at home

Strategy developing, align with ICS direction

Digital Maturity dashboard development

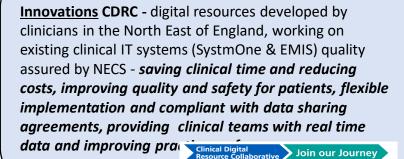
• Upgraded digital telephony systems for GPs *improving* access

Plans to deliver: PHM

National PHM Development Programme - number of PHM support opportunities at both PCN and Place level progressing across NENC including South ICP, Northumberland and County Durham to continue to build on the work that was started by the national programme.

Opportunities

- **Remote Monitoring**
- Self Care/signposting
- Work with wider Primary Care practitioners
- Telephony



Governance: Operational emergency response group stood up to inform and co-ordinate the regional digital response across primary care ensured;

- A common voice for primary care
- Strength of leadership and partnership working
- Pooled resources for the benefit of all
- Collaborative approach to issue resolution

Concerns/Risks

- Capacity in all areas of the system
- Digital inclusion
- Performance of key systems (EMIS)



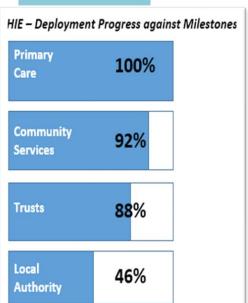




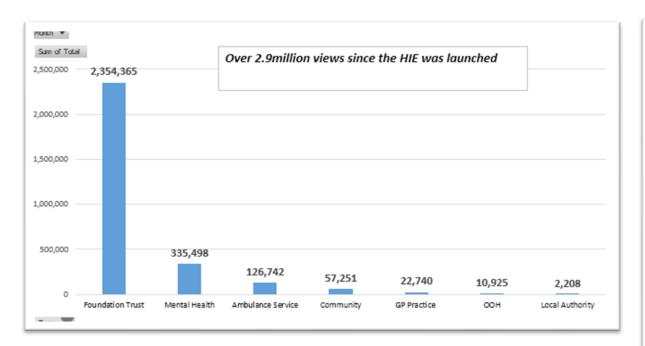








ICS – GNCR Overview – August 21



Uptake of NHS App in England

8,451,239 NHS App registrations



Uptake of NHS App in NENC





Hosted by NuTH

HIE Pipeline 2021/22

- Implement remaining Trusts, Community
 Services and Local Authorities
- Provide Capability to share Advance Care planning documentation
- GP Connect Available 2022, which will bring structured data from TPP
- Deploy Upgrade to provide more functionality & Improvements
- Provide a Solution to Share Medications from Secondary Care
- Provide Capability to share Special Patient Notes / Risks and Alerts
- Provide Capability to On-Board South
 Cumbria Practices
- Define Process to On-Board NENC Care
 Homes and Hospices



Coming Soon.....



Trusted Research and Evaluation Environment





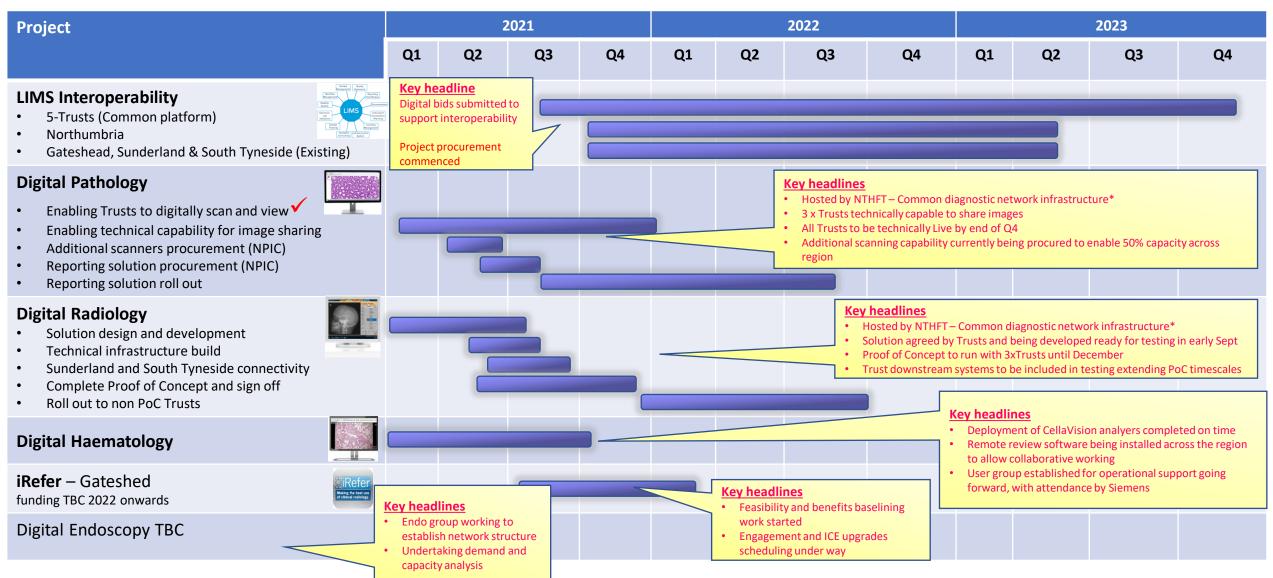
- The Trusted Research and Evaluation Environment (TREE) will provide health, care and academic staff (time limited and secure) access to data for research and innovation projects
- Axiom is a data system which will provide access to a wide variety of health, care and other data to health and care staff for planning, for redesign, for operational reporting, for PHM etc.
- Axiom and TREE will work in an integrated manner and provide a significant regional opportunity to maximise the benefits to health and care services, to drive PHM and to conduct leading edge research
- Both initiatives use our installed base: resources, specialist skills and talent; regional governance (PHM, digital); infrastructure
- TREE SRO profile developed consideration of suitable candidate (share with collaborative).
 - o To be discussed at ICS Management Group in September







ICS – Digital Diagnostics programmes





ICS – AHSN Digital programmes

North of Tyne Combined Authority

• £1.167m to deliver the Heath and care tech innovation accelerator project this is match funded by the

AHSN - £303k

• Funding a dedicated expert project team

- Digital Inclusion Event Serie.
 & developing a regional platform to coordinate activity and showcase good practice.
- Supporting TRE Development across region
- Improving Digital Literacy -Health Education England



NHSX

- 20/21 circa £750k into the region for Joined UP Care
- 21/22 circa £550k
- Appointed on Technology Specific Evaluation Team (TSET) as an Evaluation Partner Group.

Digital First Primary Care - Digital Pioneers Programme

- Digital Champions £66k DFPC plus AHSN match fund
- Digital Primary Care Innovation

Fund **£270k** to support innovators plus our Innovation Pathway

COP for Innovators

NHSX/AAC AI Fund Technology-Specific Evaluation Teams (TSET)

- NENC are on the Framework to provide Real World Evaluation (RWE) support to technologies on Phase 3 & 4 of the Al Fund
- Collab with 19 regional partners
 Great opportunity to raise profile of NENC and bring in funding to evaluate the use of Al in the NHS.

Example project – Remote ECG Pathway



17.5 minutes saved per ECG 255
days saved
in 1 year across
the Trust

72 hours saved per team, per year £3,854

Approximate cost saved per team, per year* £327,607

Approximate cost saved by TEWV NHS per year, based on 85 teams across the Trust who carry out these ECGs*



ICS - HealthCall



Health Call

- · Digital skills and knowledge reinvested back into the region
- · Profits reinvested back into the region
- · Listed on Digital First framework
- · Shortlisted for two awards Nursing Times and AHSN Supplier in Excellence
- · £1m invested in regional licence saved over £8m in digital care homes project in CDDFT alone

Care homes section

- · Digital Care Homes all 115 care homes in County Durham and Darlington
- · Being rolled out in a further 296 care homes in South Tees, Gateshead and South Tyneside
- · 4000 residents and 1300 referrals each month in CDD alone

Primary care

- · BP @ Home remote monitoring launched
- Respiratory pathways allowing remote monitoring of COPD and asthma patients













Community

- · INR self-testing 703 patients saving 12,000 appointments
- · 70% of patients improved time in therapeutic range = less strokes and pulmonary embolism
- · Average of 1,200 wound care images shared every month with district nurses

NHS trusts

- 185K staff booked covid vaccines
- · 500 MSK self-referrals per month that's 6000 patients who have avoided going to their GP
- · First mental health pathways developed
- 500,000 Friends and Family Tests submitted electronically
- · Digital Outpatients Portal developed



ICS/ICB design framework – digital...





What Good Looks Like (WGLL)

What is the WGLL framework?

WGLL is directed at all NHS leaders, as they work with their system partners, and sets out what good looks like at both a system and organisation level. It describes how arrangements across a whole ICS, including all its constituent organisations can support success.

WGLL is included in both the <u>ICS design framework</u> and the <u>NHS</u>

<u>Operational Planning and Contracting Guidance</u>, reflecting the expectation that the standards in the WGLL framework will be used to accelerate digital and data transformation.

The WGLL framework has 7 success measures:

- 1. Well led
- 2. Ensure smart foundations
- 3. Safe practice
- 4. Support people
- 5. Empower citizens
- 6. Improve care
- 7. Healthy populations



The 7 success measures of What Good Looks Like



North East and North Cumbria Digital Care Programme

This template has been adapted for use by the North East and North Cumbria ICS, from a draft shared with Chief Information Officers, which was compiled from:

https://www.nhsx.nhs.uk/digitise-connect-transform/what-good-looks-like/what-good-looks-like-publication/ on 31st August 2018.

NHS Provider Trusts can use the 'provider data tab, ICSs use the ICS data tab, to enter a self assessement score of 0-5. The following scoring is suggested:

- 0 Don't know
- 1 Disagree completely
- 2 Somewhat disagree
- 3 Neither agree or disagree
- 4 Somewhat agree
- 5 Agree completely



For Illustrative purposes only

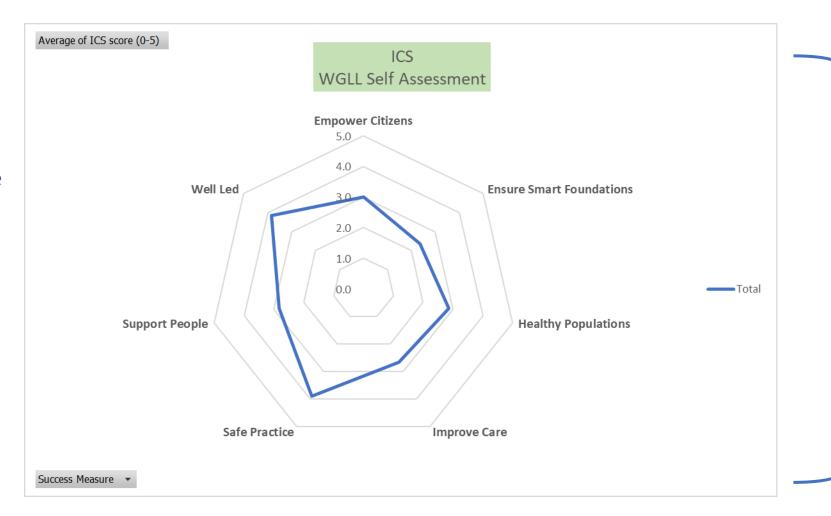
WGLL success measures (System)

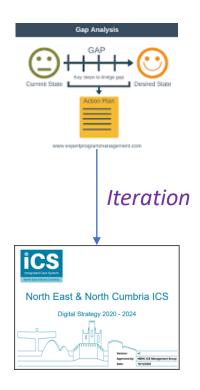




WGLL success measures (System)

For Illustrative purposes only







Strategy is delivery

- ☐ Digital dependency
 - Unintended consequences
 - Cyber-threat....
 - Digital exclusion
 - > ICS Next steps
 - ICS Design Framework
 - Planning guidance
 - What Good Looks Like (WGLL)
- Digital is not an option, but a <u>necessity</u>









Digital Care Programme – Strategy





Digital Care Programme - feedback

Questions

- 1. Do you consider digital to be critical to the future transformation of heath and care in our region (Y/N)?
- 2. Do you agree with our strategic approach (Y/N)?
- 3. Have we captured the key strategic themes (Y/N)?
- 4. Does our strategic animation describe our ambition in an understandable way (Y/N)?

^{**}Please use the 'Menti link'



Thank you for your time

Questions?