Coventry and Warwickshire Integrated Care System

Digital Transformation Strategy

Coventry and Warwickshire
Health and Care Partnership

Challenges in Healthcare

Cost	Demographics	Access	Variation in Clinical Practice
Inefficient Use of Information	Fragmented Care Versus Integrated Care	Duplication, Defensive Medicine & Waste	Protracted Adoption of Innovation

Digital Transformation Strategy
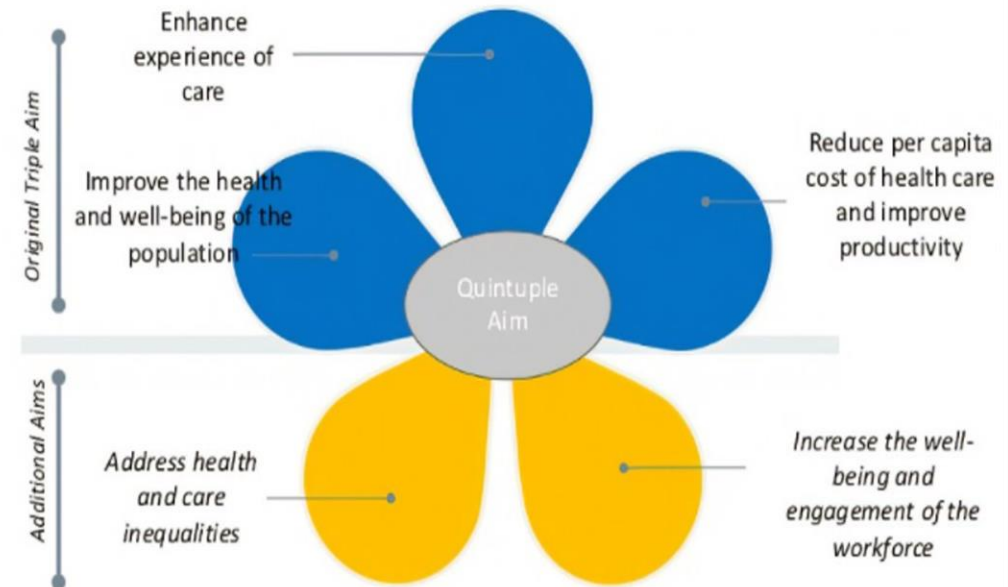
Defining Digital
- Reimagining delivery of health and care

Why is this important?
- System wide transformation
- Empowering patients, communities and ways of working
- Realising the quintuple aim

How do we do this?
- Enterprise Architecture
- Workforce Education and Training
- Research and Innovation

What the Digital Transformation Strategy means to our patients

To demonstrate how digital technologies and data can support our citizens over time, we have developed five illustrative future state journeys with our clinicians and staff.

MARIA	**MARTHA**	**JACK**	**ABHIR**	**AESHA**
• 28 years old	• 47 years old	• 31 years old	• 82 years old	• 12 years old
• Pre-eclampsia	• COPD, smoker for 20 years	• MSK, lower back pain	• Ischaemic heart disease and Type 2 diabetes	• Type 1 Diabetes
• Domestic abuse	• Anxiety and stress	• Alcohol misuse and depression	• End of life	• Complex family situation
Digital confidence level	**Digital confidence level**	**Digital confidence level**	**Digital confidence level**	**Digital confidence level**

CAPABILITIES

Coventry and Warwickshire
Health and Care Partnership

Delivering the strategic priorities through digital and data capabilities

We will transform health and care by accelerating and embedding core digital and data capabilities across the ICS, converging and standardising our systems to deliver maximum workflow and data integration, focusing on citizens and patients, not care providers, as our organising principle.

Advanced Analytics and Data Inter-operability

Citizen and Patient Portal

Integrated Care Record

Virtual Health and Care

Digital Workforce Tools

Population Health Management Platform

Electronic Health & Care Record

Infrastructure and Technical Capabilities

KEY ENABLERS

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Overview of the key enablers

We aspire to foster a mature digital and data environment, delivered through an innovative culture. To accomplish this, we must continue developing our people, processes and structures to deliver our strategy.
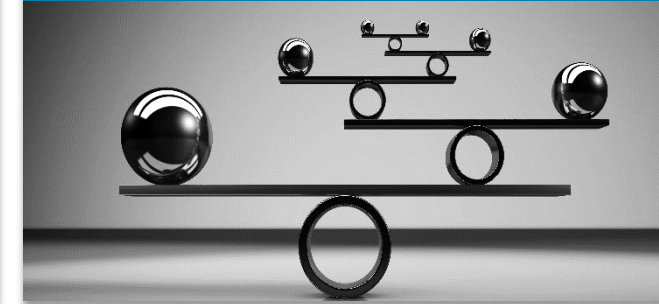
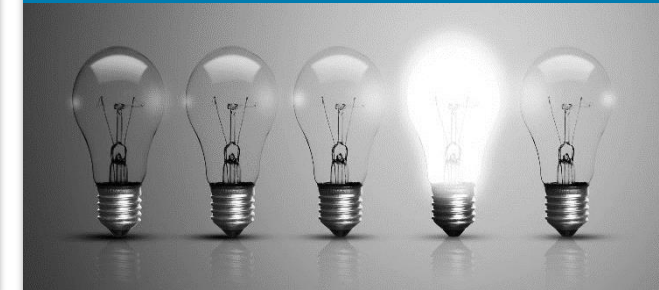| Leadership and Decision-making	Transformation and Change	Governance and Assurance

Digital and Data Skills and Inclusion	PMO, Programme Resourcing and Support	Innovations and Partnerships

Enterprise Architecture

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CAPABILITIES

Integrated Care Record (ICR)

DEFINITION

The integration of records from primary care, secondary care, mental health, community and social care, ambulance and NHS 111 into a structured, **read-only** view for health and care professionals.

BENEFITS

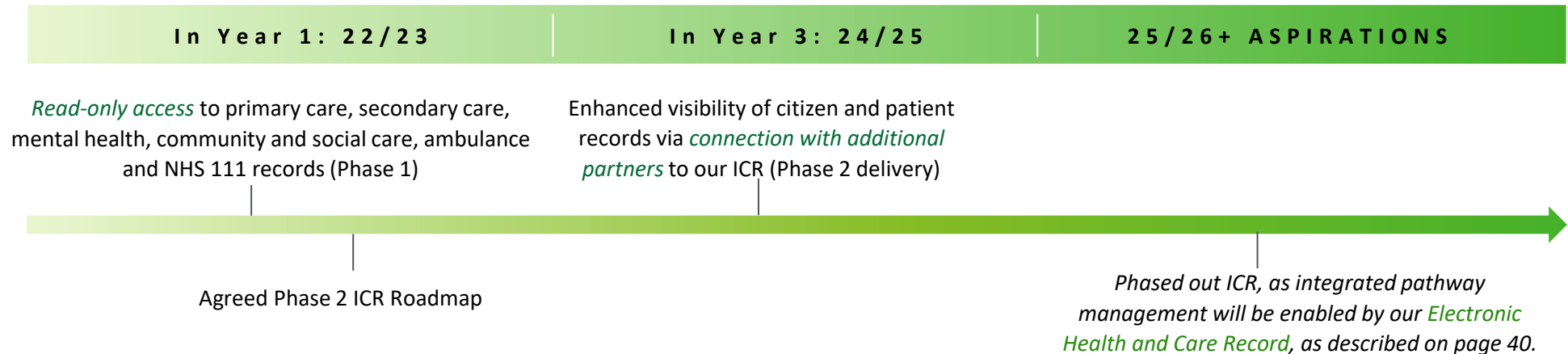|		
More 'joined up' care and holistic pathway management	Improved citizen and patient experiences by reducing duplication and repeat care	Safer care
Faster diagnosis and treatment	Efficient collaborative working across the ICS, releasing time to value-add activities	More effective care, leading to improved outcomes

WHAT WE WILL DELIVER OVER TIME

In Year 1: 22/23	In Year 3: 24/25	25/26+ ASPIRATIONS

Read-only access to primary care, secondary care, mental health, community and social care, ambulance and NHS 111 records (Phase 1)

Enhanced visibility of citizen and patient records via *connection with additional partners* to our ICR (Phase 2 delivery)

Agreed Phase 2 ICR Roadmap

Phased out ICR, as integrated pathway management will be enabled by our Electronic Health and Care Record, as described on page 40.

STRATEGIC PRIORITY ALIGNMENT

Time to think…

- Resumed conversations across the region
  - Birmingham and Solihull
  - Coventry and Warwickshire
  - Herefordshire and Worcestershire
- Agreement to work together on a single instance
- Robust DSA drawn up and agreed

- Broadened ambition
  - Social care
  - Care Homes
  - Prisons
- Technical innovation
  - GP Connect
  - In-context launching

Completing the Circle

- Single instance for B&S, H&W, C&W with free flow of data

- Stoke-on-Trent, Staffordshire, Shropshire & Black Country on other systems
  - Graphnet
  - Cerner

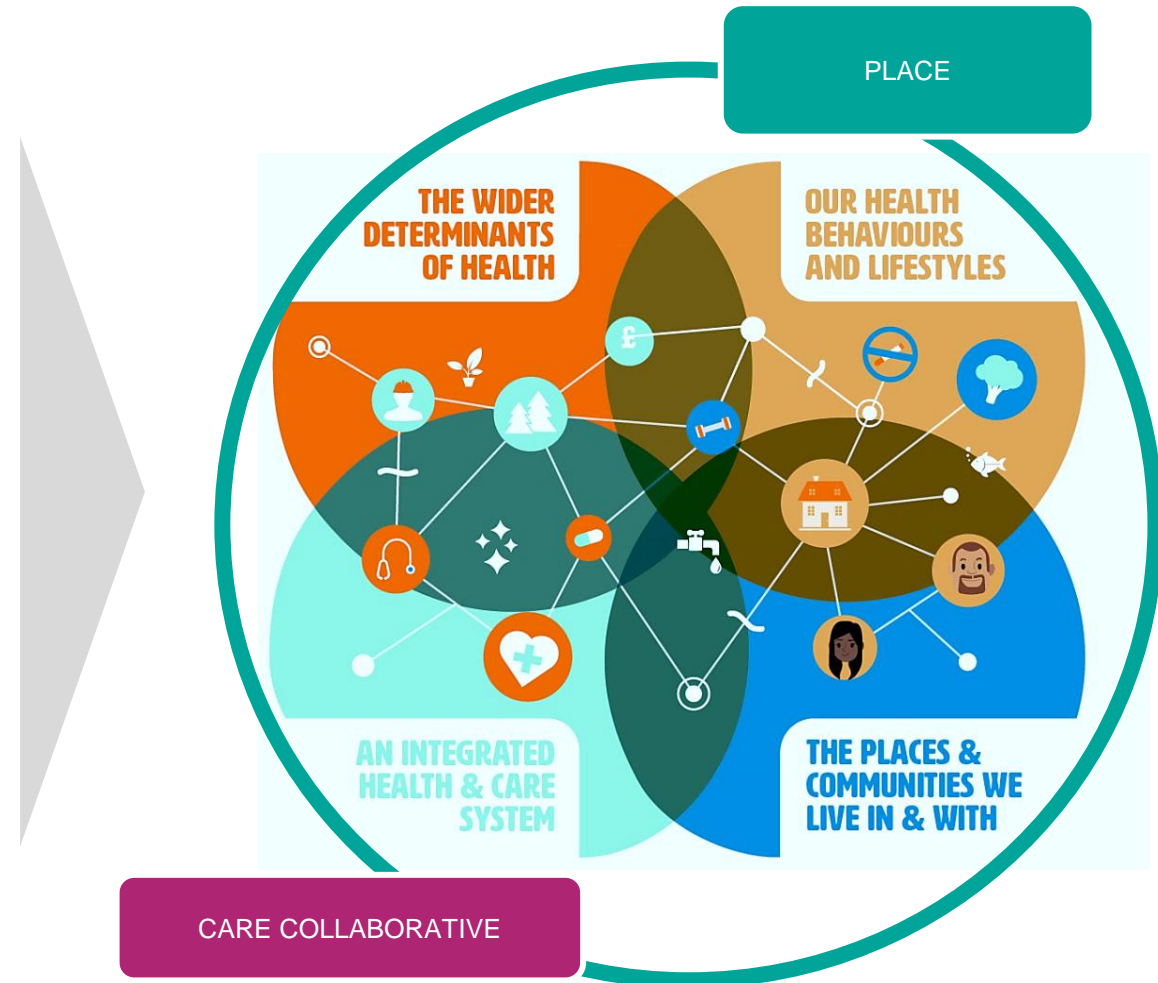- Opportunity to create a 'West Midlands Shared Care Record'

Lessons learned

- Cross ICS / regional working
  - Leadership and vision
  - Priorities & expectations
  - IG
  - Funding streams
- Where do you stop?
  - Local vs regional vs national
- Scope
  - Social care, third sector, hospices, prisons
  - Who to contact and where
  - Local vs national

Vision

Digital transformation is using digital and data to reimagine health and care delivery to improve our population's wellness.

The purpose of our ICS Digital Transformation Strategy is to describe how we will put data, digital and technology at the heart of how we transform health and care services. We will use 'digital by default' as an opportunity to maximise digital inclusion, thereby empowering our patients, workforce and the communities we serve.

PLACE

CARE COLLABORATIVE

THE WIDER DETERMINANTS OF HEALTH

OUR HEALTH BEHAVIOURS AND LIFESTYLES

AN INTEGRATED HEALTH & CARE SYSTEM

THE PLACES & COMMUNITIES WE LIVE IN & WITH

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Thank you