

Digital Smart City as a Platform



How we work
Simplify, standardise, share

Context - health and social care

We work as a whole system to:

- Prevent people from going into hospital
- Get them out of hospital quickly and safely home
- Help people to stay at home

CITY FIRST > Simplify Standardise and Share



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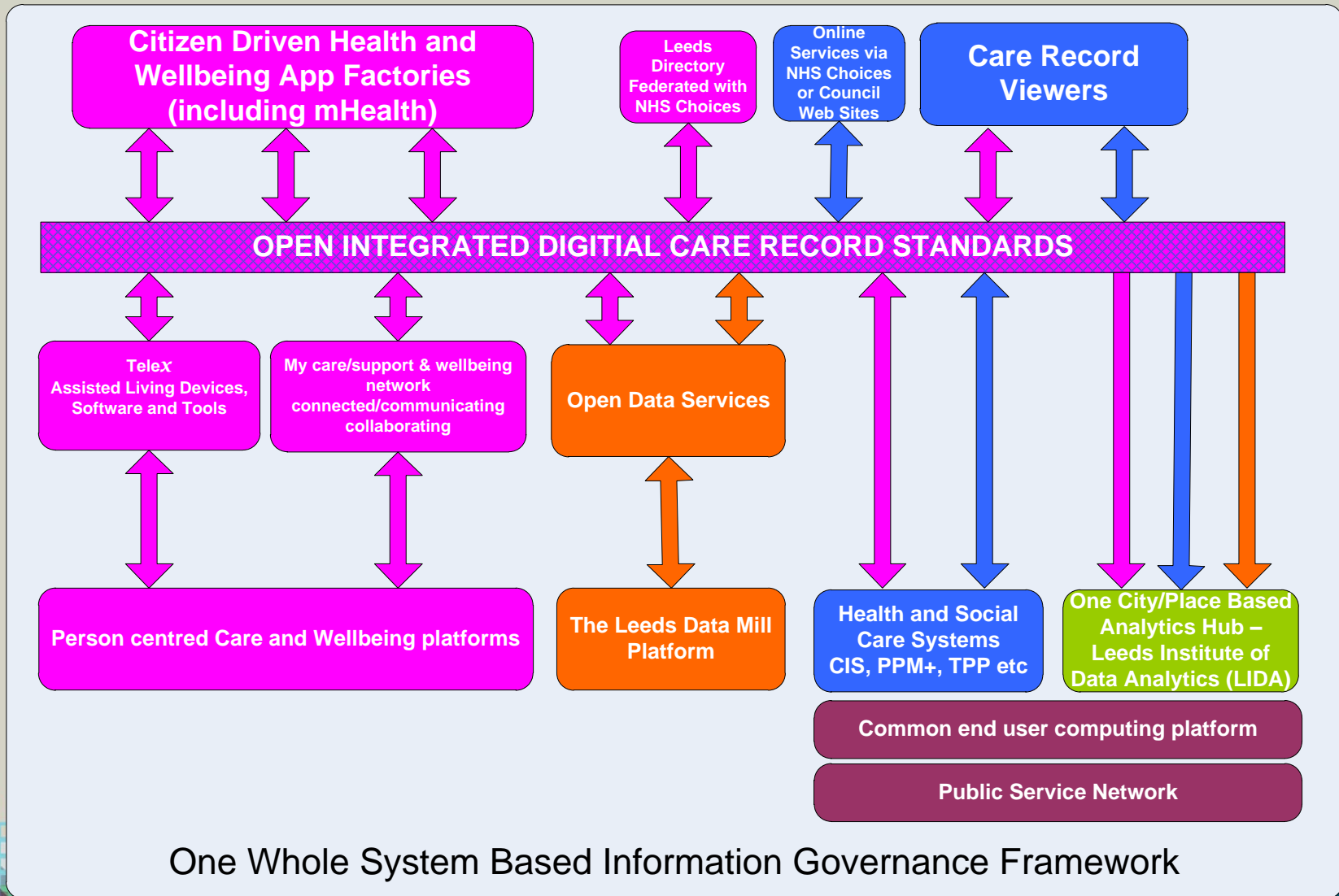
How do we apply digital to supporting these objectives?

‘Digital smart city as a platform’



How we work
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What does that look like?



How we work
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Engaging Citizens to self manage

**Citizen Driven Health and Wellbeing App Factories
(including mHealth)**

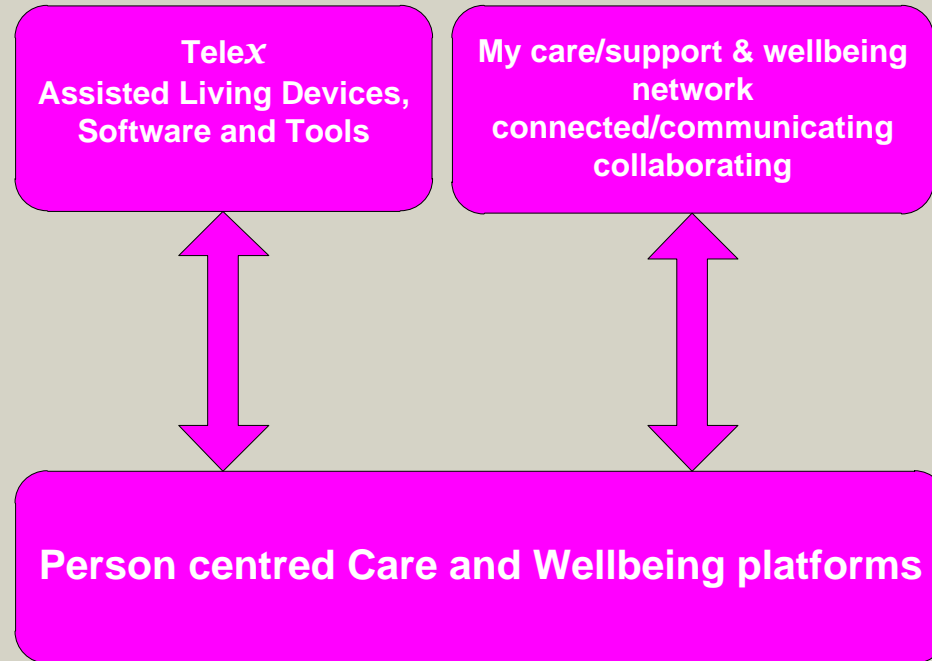
**Leeds
Directory
Federated with
NHS Choices**

**Online
Services via
NHS Choices
or Council
Web Sites**



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Citizen Driven Health



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Social Isolation Context

Leeds Population
798,800

65-74 years
97,400

75+ years
55,200

20%
Sometimes lonely

10%
Intensely lonely

Potentially
15,000+
Intensely lonely in Leeds*

- Greater risk of health issues, from mood disorders like depression to stress-related chronic conditions like heart disease
- Research also shows increased mortality
<http://healthland.time.com/2013/03/26/social-isolation-not-just-feeling-lonely-may-shorten-lives/>



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Tele X - Aims and Outcomes



Exploring the use of technology

Inform procurement



Transforming health and care

Using digital capabilities



Helping the Leeds Pound (£) go further

Productivity and Efficiency



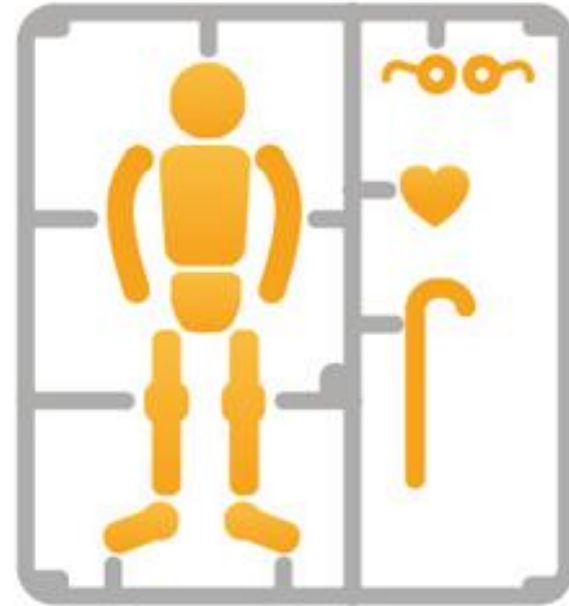
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Shared Well Leeds Project

Bob often feels that he's seen by public services as a collection of bits and illnesses



Bob as seen by his friends and family



Bob as seen by the healthcare system



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Pilot Outcome Aims

- ❑ Reduced social isolation and loneliness
- ❑ Greater level of Empowerment, Control and Self-Care
- ❑ Reduction of unplanned Contact with Medical and Social Care Professionals

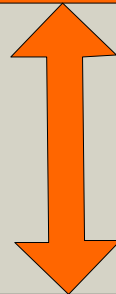


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Open Data

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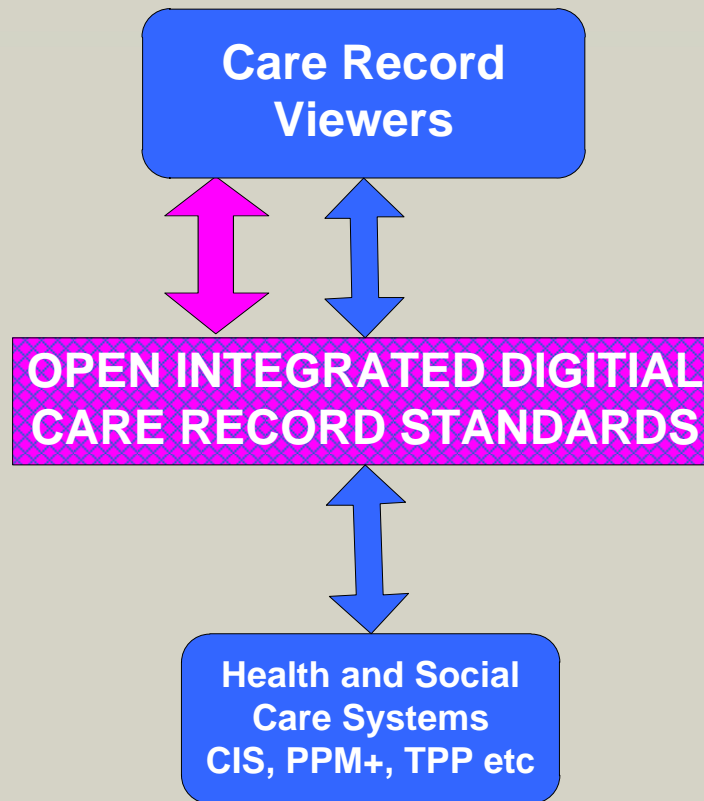
Open Data Services



The Leeds Data Mill Platform

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Integrated Digital Care Record



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CRITICAL FOR INTEROPERABILITY

OPEN INTEGRATED DIGITAL CARE RECORD STANDARDS



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Leeds Institute of Data Analytics and Integrated Intelligence Hub

One City/Place Based
Analytics Hub –
Leeds Institute of
Data Analytics (LIDA)

Clinical Integration

Clinical Support Tools

Business Intelligence



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Technology Infrastructure enablers

Common end user computing platform

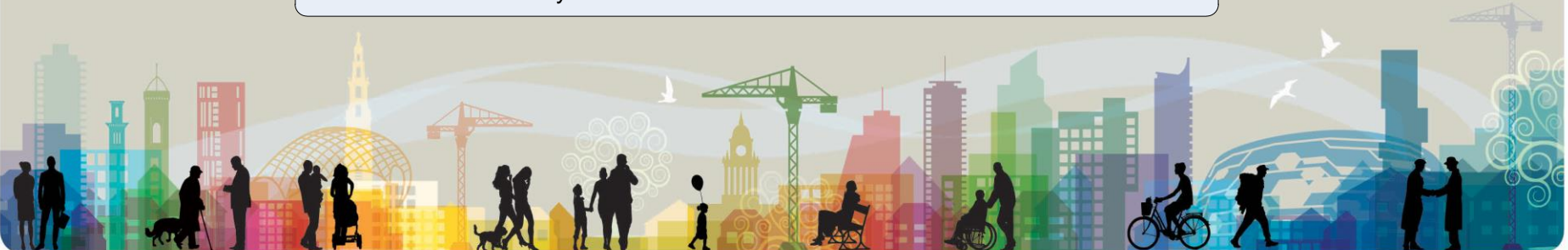
Public Service Network



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One Whole System Information Governance Framework

One Whole System Based Information Governance Framework



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KEY MESSAGES – what's important

- It's all about people – **'CO-PRODUCTION'**
- **DIGITAL** is an enabler
- Governance and partnership – **CITY FIRST**
- Interoperability is essential to make this work – **OPEN STANDARDS...**
- **SIMPLIFY STANDARDISE AND SHARE** – Pioneer network - let's share resources and work across organisations/areas to achieve this together



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