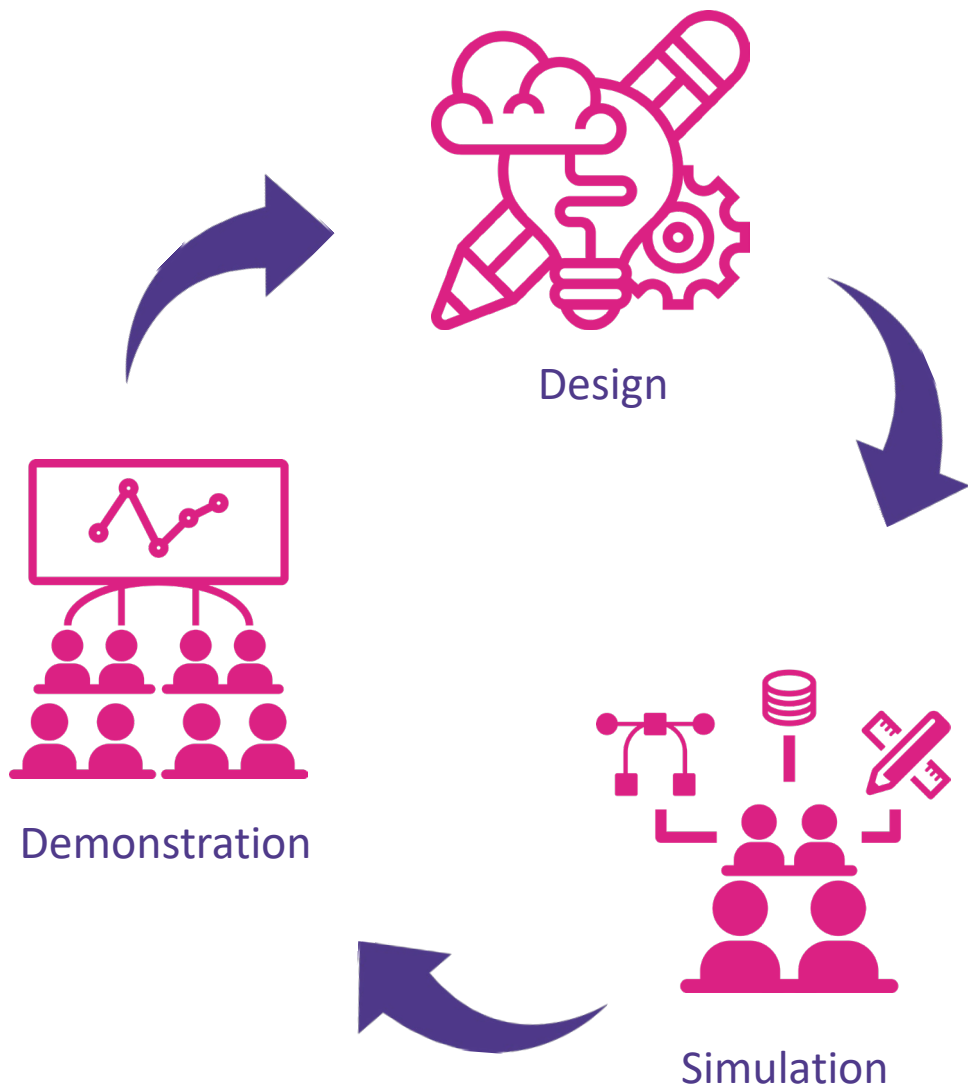




# Person Centred Data Sharing

A Catalyst for Service Transformation



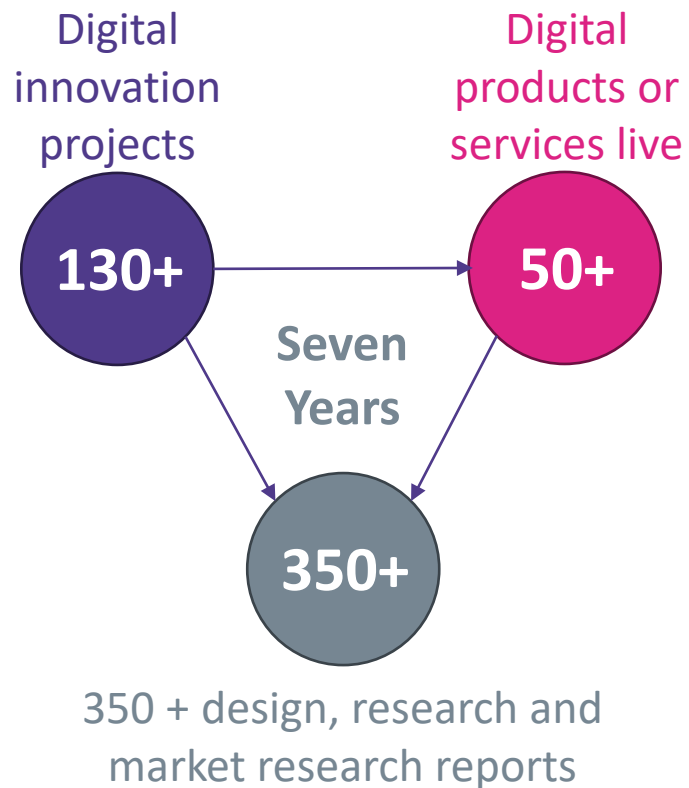
# DHI Exchange

Exchange Knowledge

Exchange Ideas

Exchange Data

Exchange Impact



## Recognise that:

- There are condition specific products – e.g. a diabetes app.
- There are use case specific products – e.g. screening, monitoring
- Both condition and use-case specific products are transient
- Instead focus on resilience / flexibility through reusable platforms
- Many products masquerade as platforms.

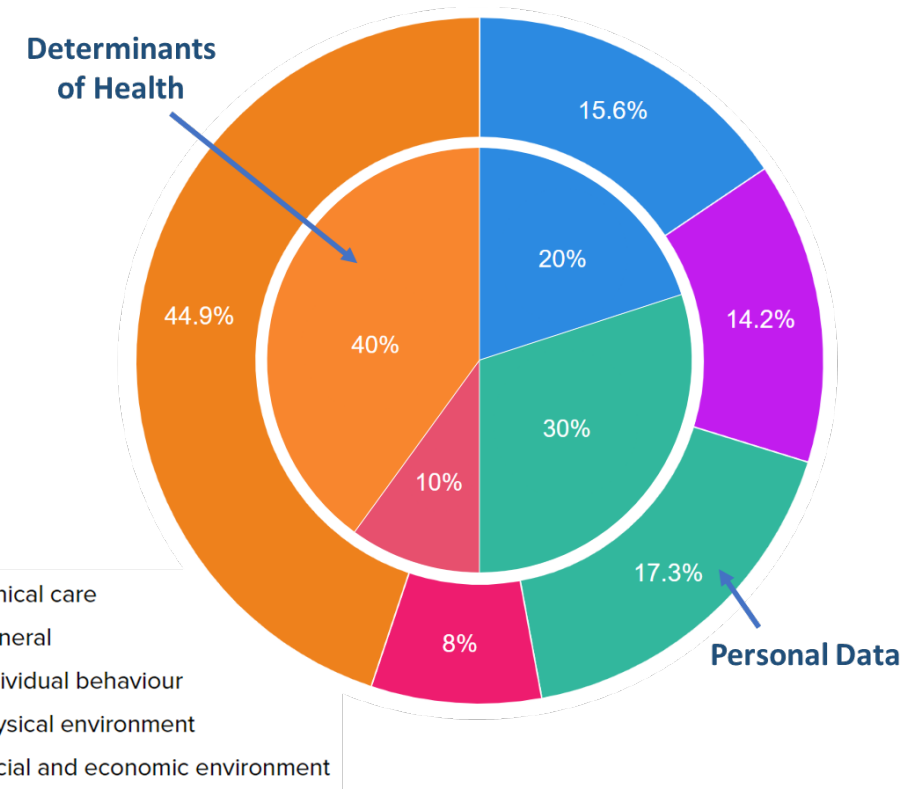
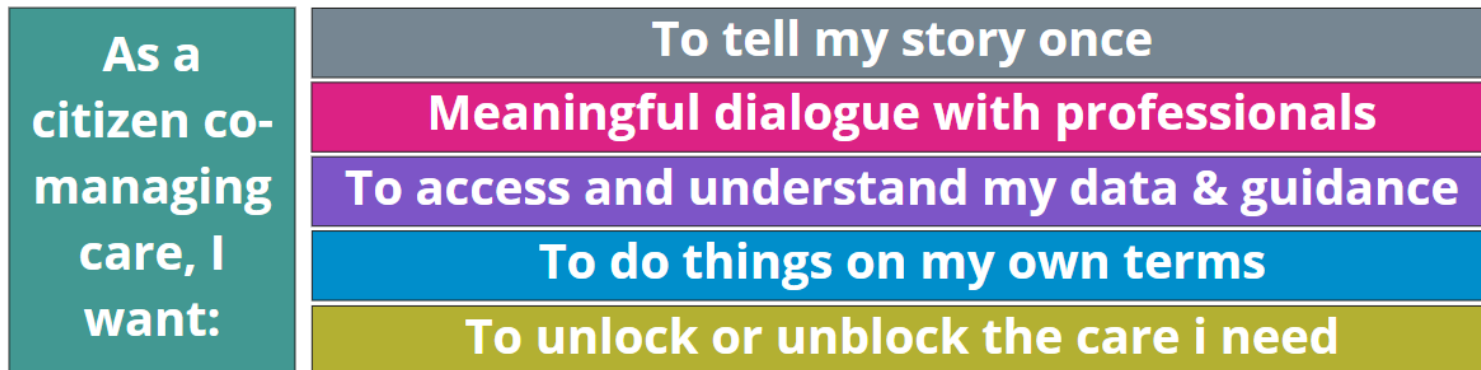
## Do Not:

- Push, procure or import a product to fix a service
- Focus on technical solutions to specific use cases
- Expect eHealth to support a range of these products
- Build a centralised product offering one user experience

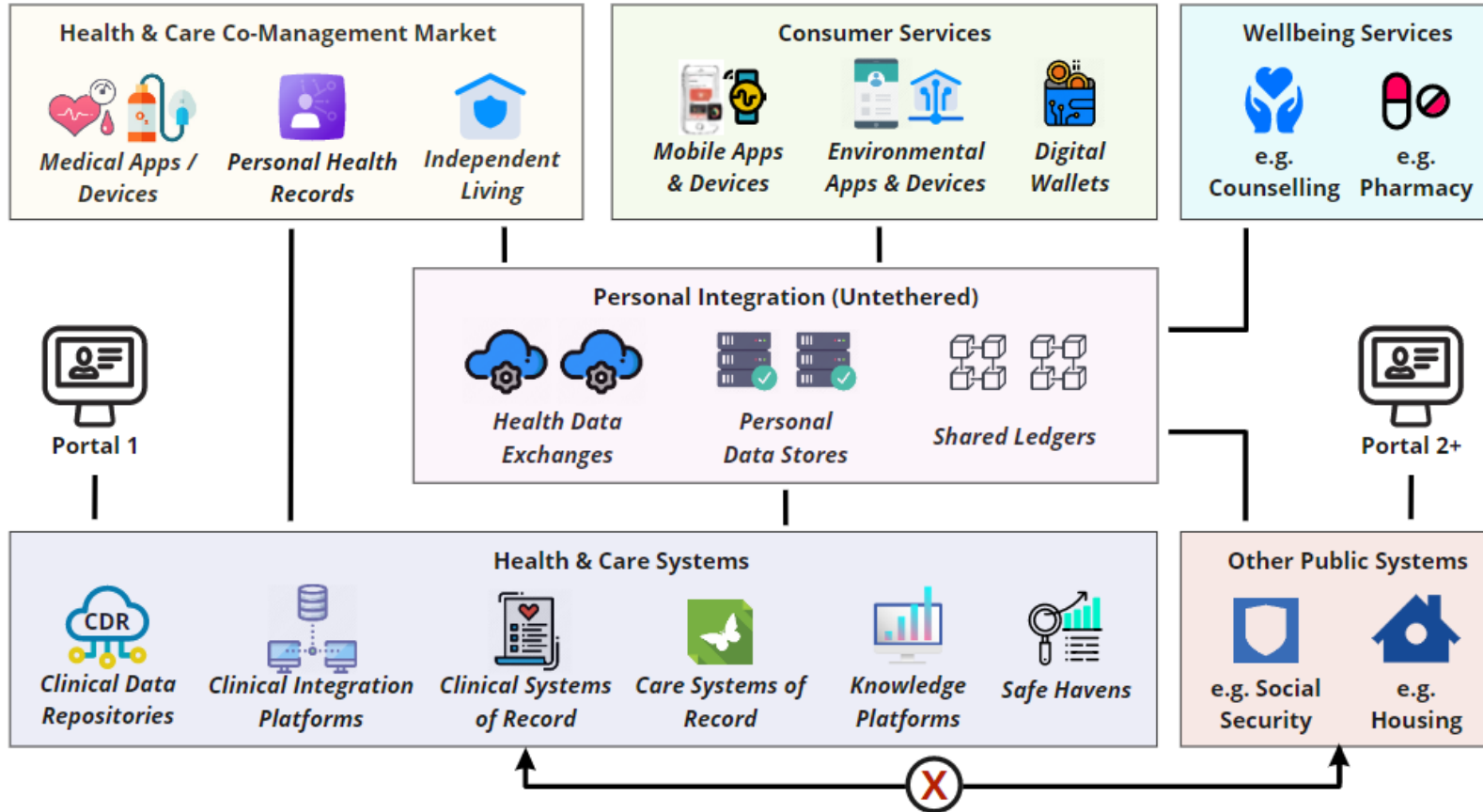
## Do:

- Focus on generic platforms to support many suppliers / services
- Integrate these enabling common platforms once for eHealth
- Use this approach to enable service redesign with front line
- Allow products to satisfy redesign needs and connect to APIs

# New Demands, New Capabilities



# Person Centred Data Sharing - Architecture



Personal Integration infrastructure can bridge between a citizens' broader life and their health and care services, it:

Supports person centred, integrated services

Supports innovation

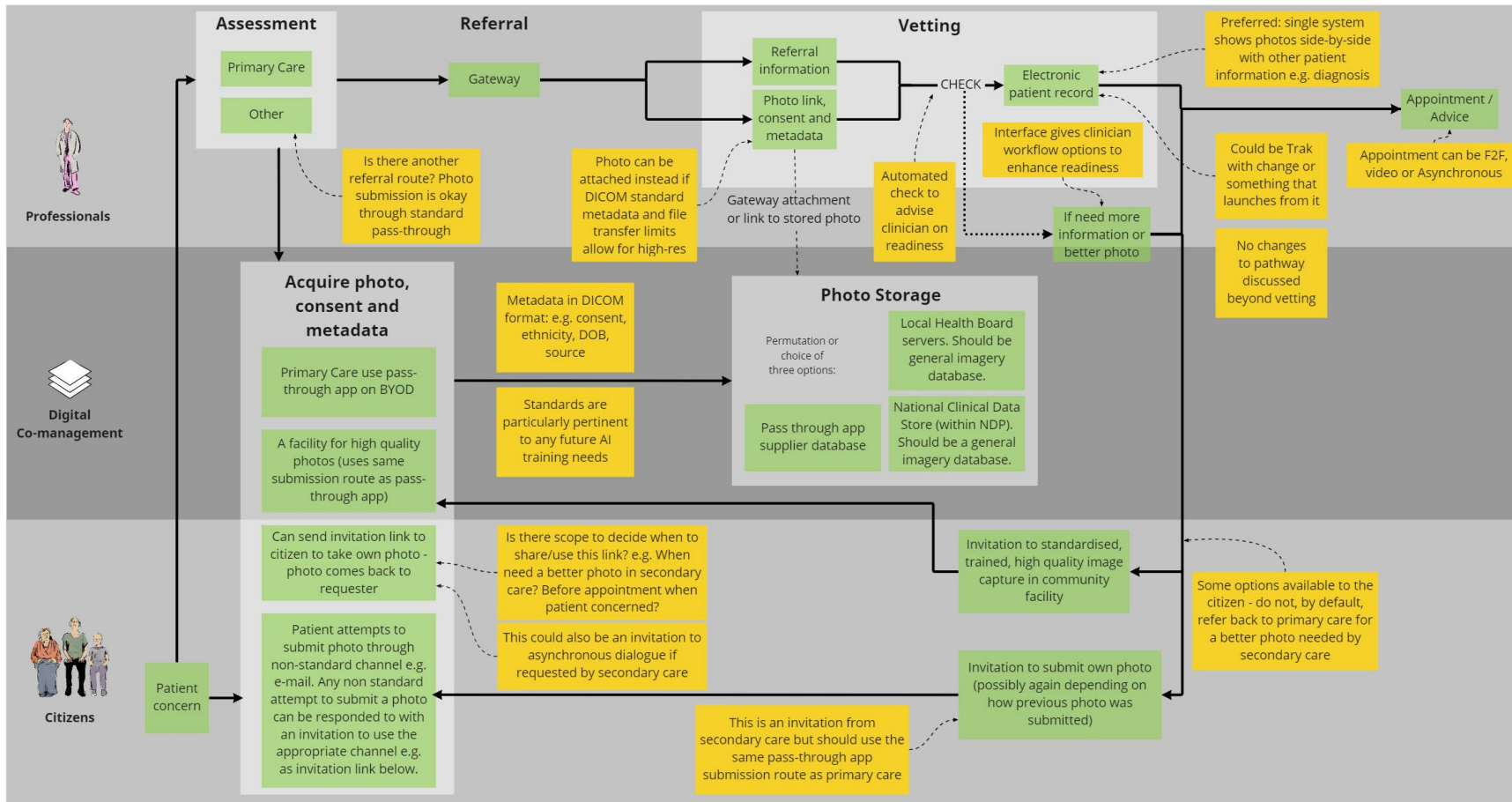
Requires new kinds of effort



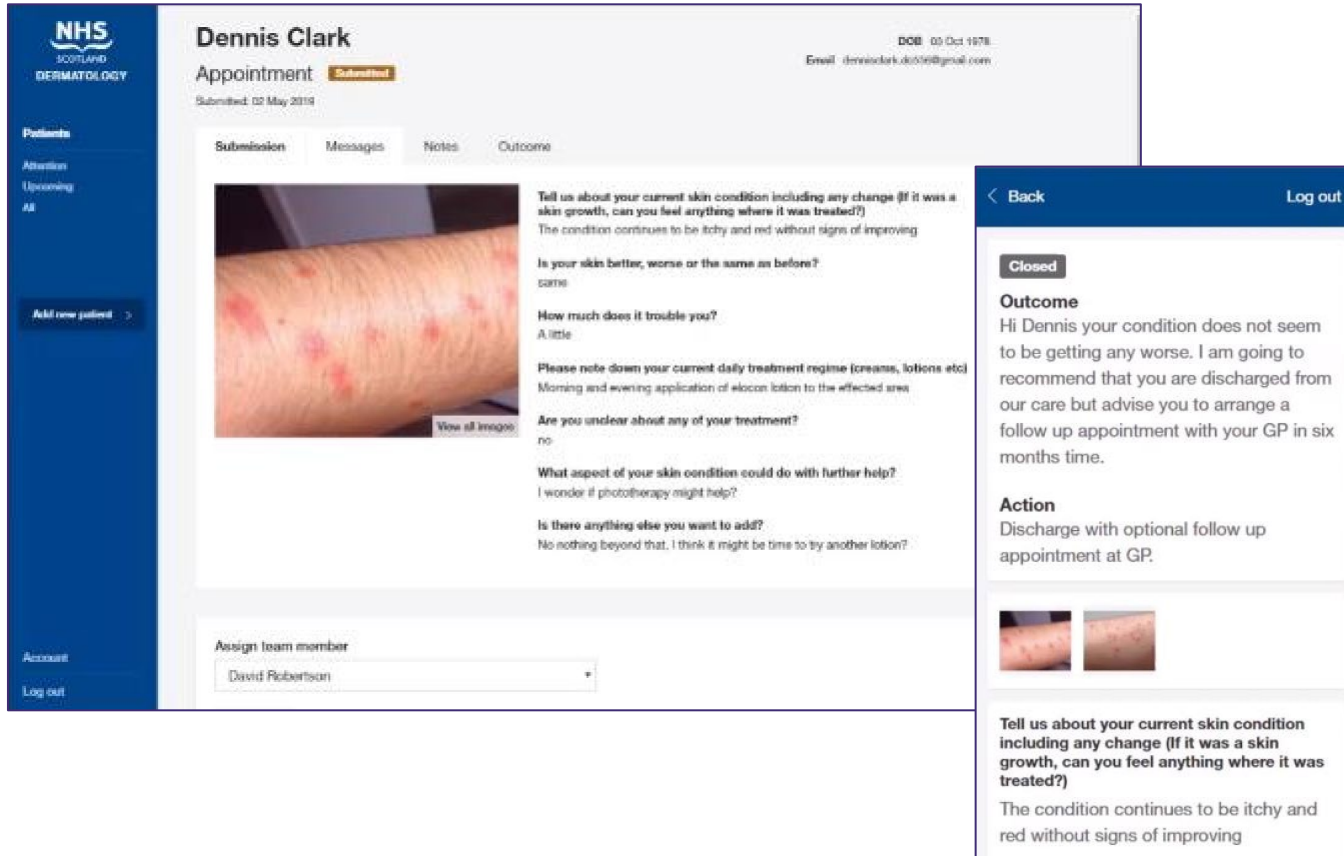


# Health Data Exchange

# Dermatology : Asynchronous Appointment



# Dermatology : Asynchronous Appointment



**NHS SCOTLAND DERMATOLOGY**

**Dennis Clark** DCB 00 Oct 1978  
Email: dennisclark0019@gmail.com  
Submitted: 02 May 2019

Appointment **Submitted**

Submission Messages Notes Outcome

**Tell us about your current skin condition including any change (if it was a skin growth, can you feel anything where it was treated?)**  
The condition continues to be itchy and red without signs of improving

**Is your skin better, worse or the same as before?**  
same

**How much does it trouble you?**  
A little

**Please note down your current daily treatment regime (creams, lotions etc)**  
Morning and evening application of elocen lotion to the effected area

**Are you unclear about any of your treatment?**  
no

**What aspect of your skin condition could do with further help?**  
I wonder if phototherapy might help?

**Is there anything else you want to add?**  
No nothing beyond that. I think it might be time to try another lotion?

**Assign team member**  
David Robertson

**Log out**

**Back** **Log out**

**Closed**

**Outcome**  
Hi Dennis your condition does not seem to be getting any worse. I am going to recommend that you are discharged from our care but advise you to arrange a follow up appointment with your GP in six months time.

**Action**  
Discharge with optional follow up appointment at GP.

**Tell us about your current skin condition including any change (if it was a skin growth, can you feel anything where it was treated?)**  
The condition continues to be itchy and red without signs of improving

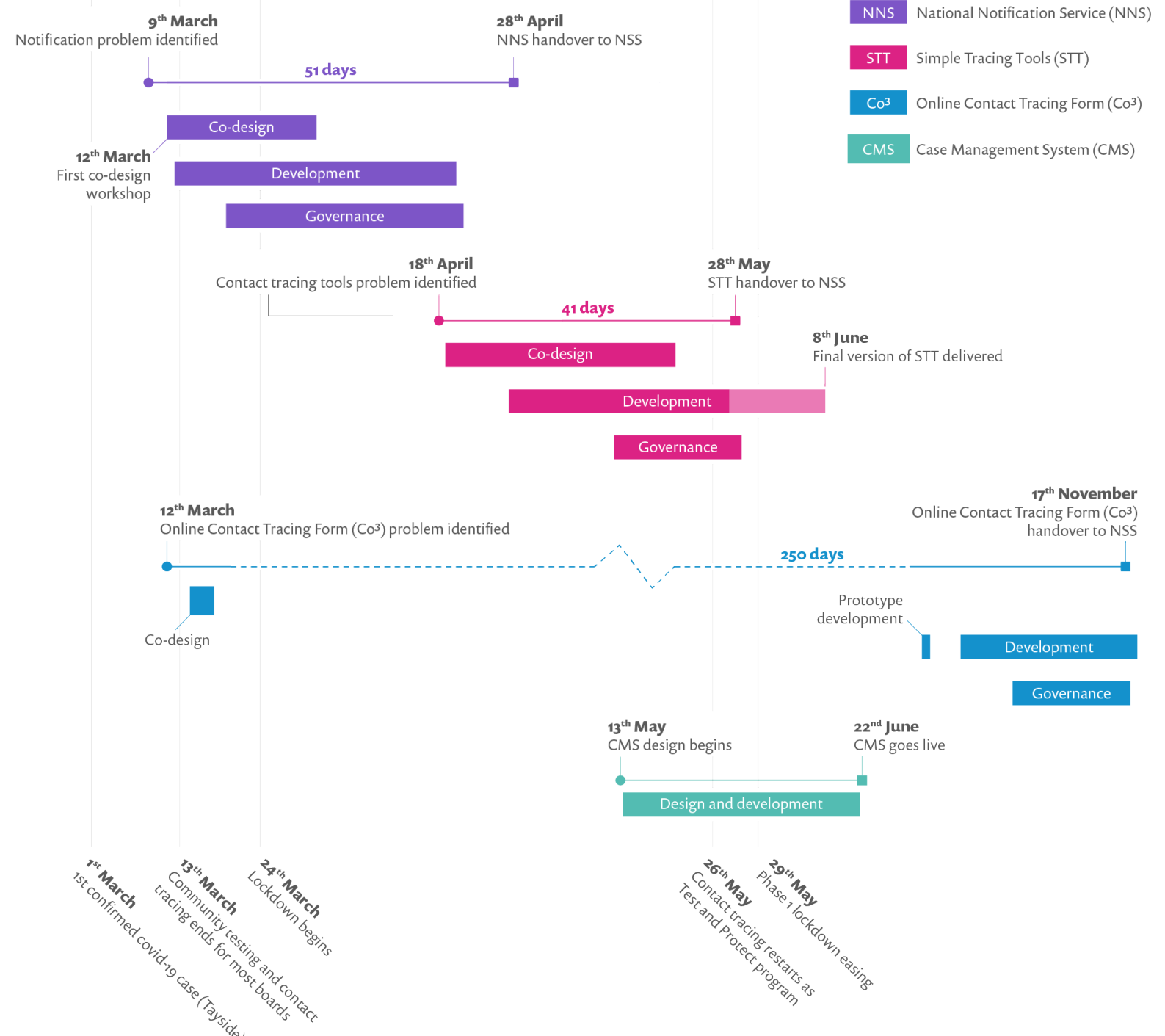
## Features

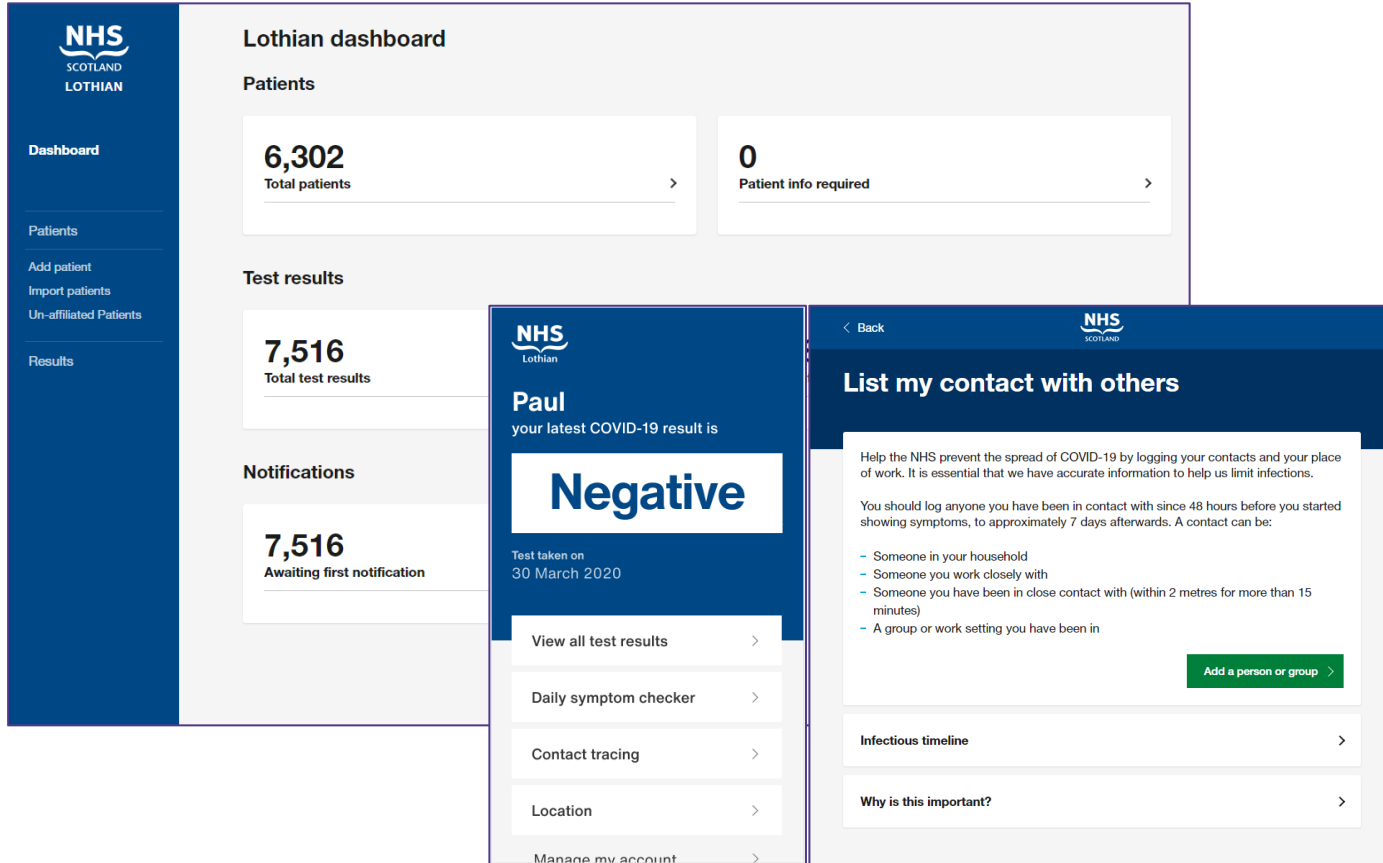
- Digital, asynchronous appointments
- Images and PROs shared
- Two way messaging
- Integrations – TrakCare, Docman

## Results from first 668 appointments:

- Shorter consultations (10 vs 13 minutes)
- 85% of patients neutral, satisfied or very satisfied with service

# Covid Methods





The screenshot displays the NHS Lothian dashboard and a patient's interface. The dashboard includes a sidebar with navigation options: Dashboard, Patients, Add patient, Import patients, Un-affiliated Patients, and Results. The main content area shows 'Lothian dashboard' with 'Patients' (6,302 Total patients) and 'Patient info required' (0). Below this is 'Test results' (7,516 Total test results) and 'Notifications' (7,516 Awaiting first notification). The patient interface for 'Paul' shows a 'Negative' result taken on 30 March 2020, with options to view all test results, use a daily symptom checker, contact tracing, location, and manage the account. The 'List my contact with others' section provides instructions on logging contacts and lists categories: household, close work contacts, close contact (within 2 metres for more than 15 minutes), and group/work settings. A green button 'Add a person or group' is visible.

## Features

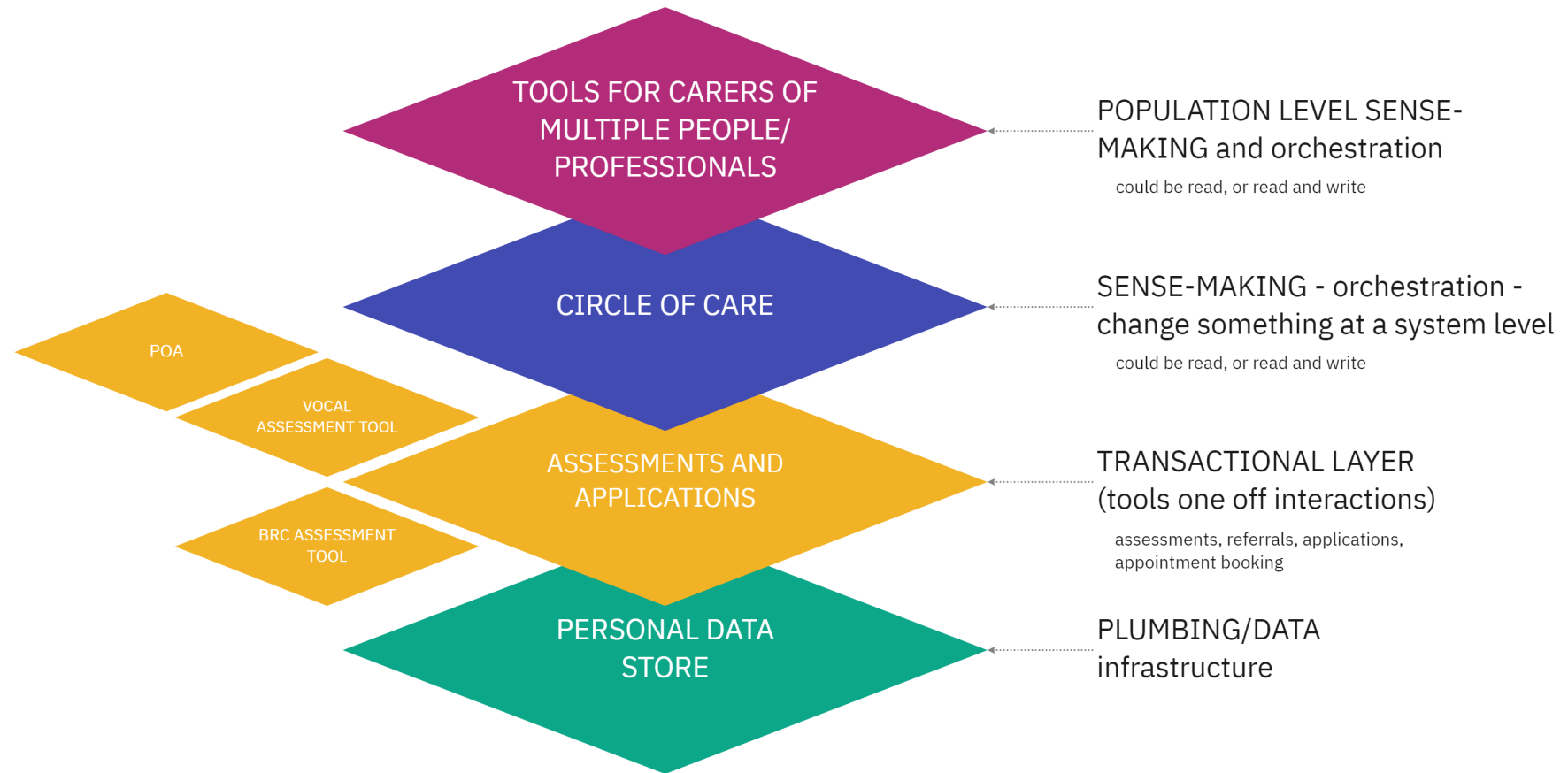
- Single national feed of results
- Sends out unique links to patients
- Patients see result and self trace
- Organisation sees receipts and tracing data

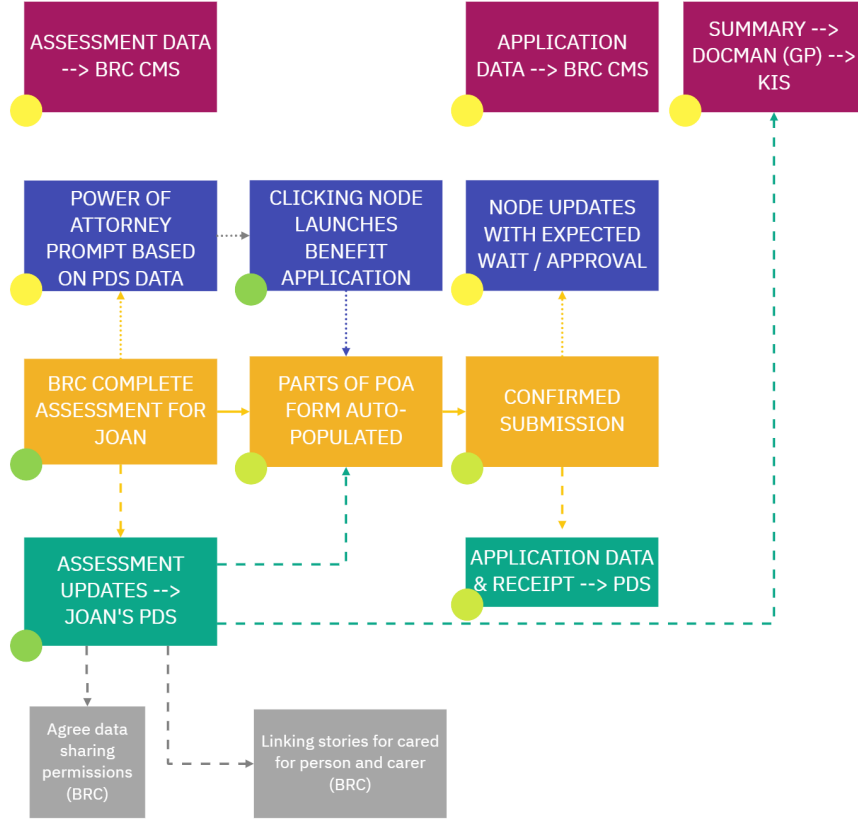
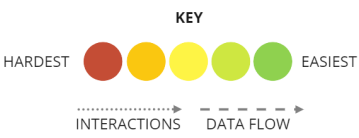
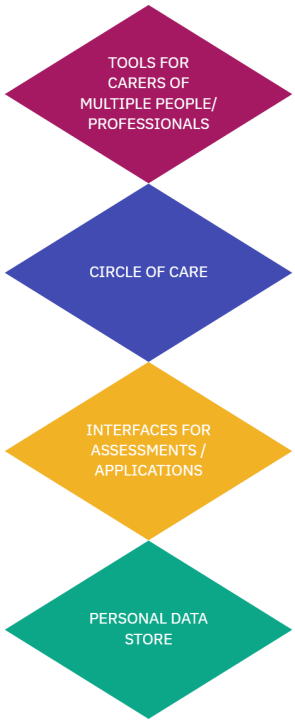
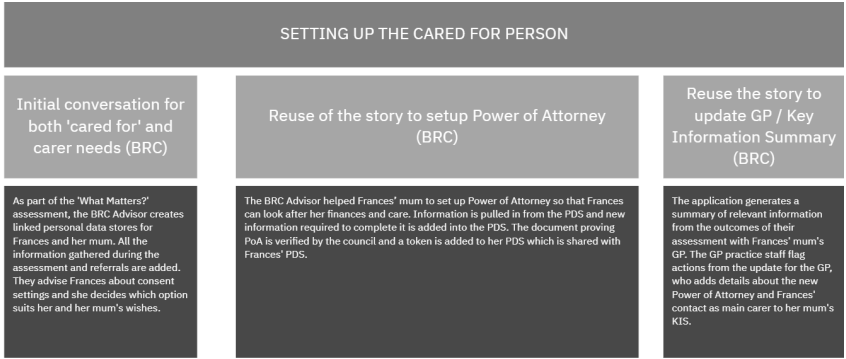
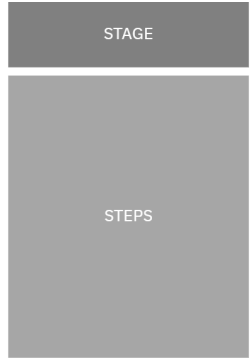
## Roll Out (11/08/21)

- Used by 11 health boards
- 7 million test results processed
- 150,000 contacts & settings shared
- 64% channel shift of contact tracing effort to digital channel
- 75% of patients who self serve do so within 45 minutes of receiving positive result



# Personal Data Store





Joan Frances

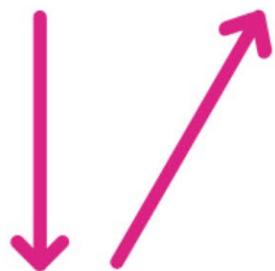


BRC Advisor



Joan

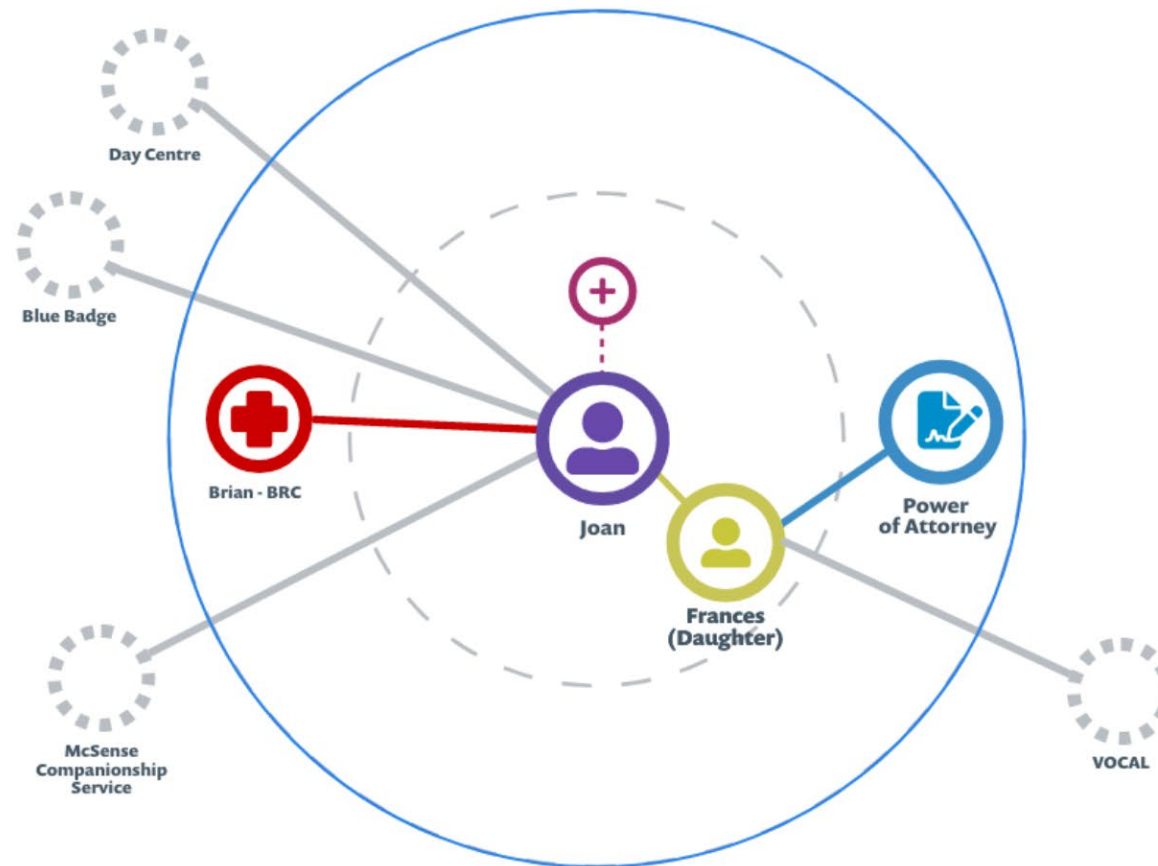
Frances



Power of Attorney

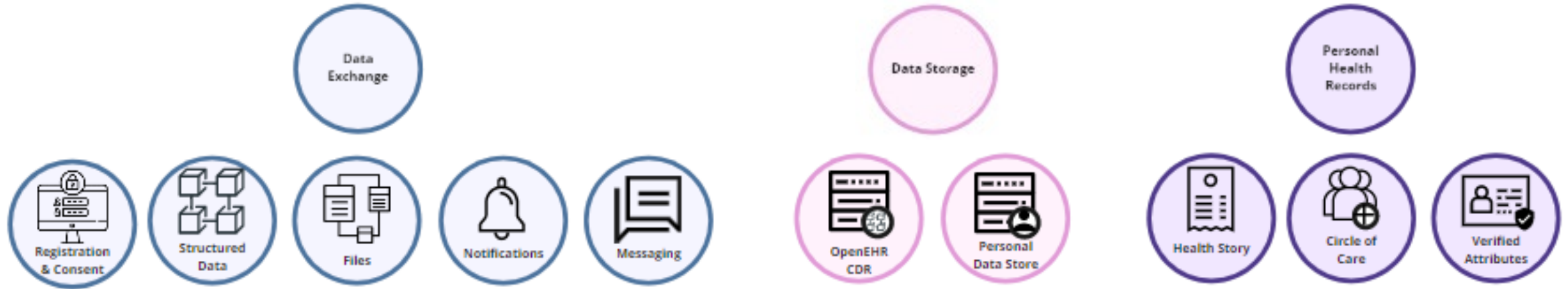


### Brian (BRC) - Joan's Circle of Care



Brian helps Frances and her mum





- Sandboxes are available with dummy data for experimentation
- Live infrastructure hosted by NHS GG&C on behalf of DHI
- Live deployment is dependent on your local health board signing up to joint working agreement

<https://www.dhi-scotland.com/dhi-exchange/>



## Digital Health & Care Innovation Centre



Join our Network:  
[www.dhi-scotland.com/join-our-network](http://www.dhi-scotland.com/join-our-network)