



 **lumiraDx technical support: DataWell**

Using data to connect Greater Manchester





background

The Greater Manchester health and social care strategic plan, **Taking Charge**, calls for significant system change as organisations need to be able to link together more easily and improve their capacity to share relevant information safely and securely within individual localities and across the Greater Manchester area.

A key goal is to collaborate on the development of a single IM&T strategy which articulates the technical architecture that Greater Manchester has collectively agreed to implement.

about LumiraDx

We are a global health technology company delivering safer, more effective and cost-efficient, diagnostic-led care.

Our vision is to improve patient outcomes and lower global healthcare costs. To achieve this, we deliver accurate, actionable health data quickly and simply, wherever it's needed. Our unique integration of health and point of care (PoC) diagnostic data, smart technology platform and supported self-care programmes delivers dynamic, complete digital healthcare solutions across whole populations. Our solutions can be customised to meet the demanding healthcare requirements of today.



Our integrated solutions include:

- Next generation PoC diagnostics
- Home diagnostics and biometric wearables
- Proven, scalable cloud platform
- Remarkably intuitive software
- Diagnostic-led, therapy- or condition-specific care solutions

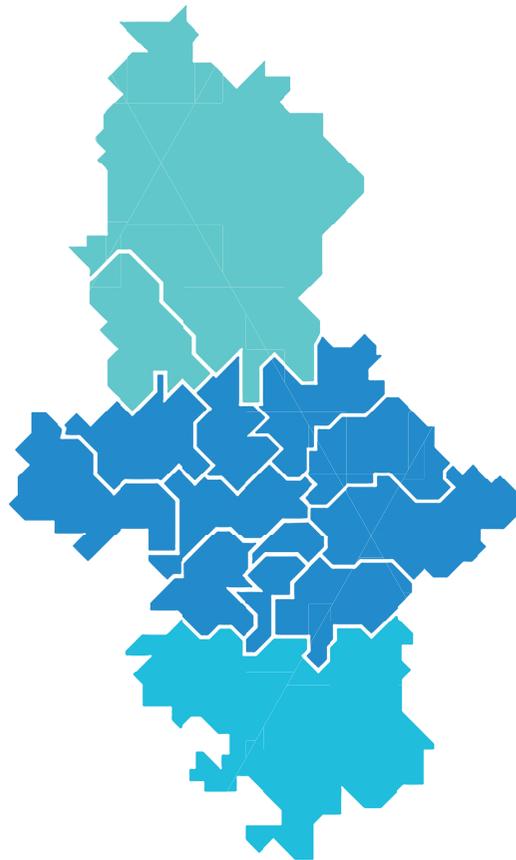
We bring together the best technology, education and clinical expertise to integrate health system networks and data into a single patient record, accessible anywhere to improve individuals' health and system-wide outcomes.



what is DataWell?

DataWell is a pioneering data sharing solution across multiple providers. It's designed to help increase the speed and quality of treatment, improve safety and encourage patients to take more control of their own care.

As the first priority of the [Taking Charge](#) objectives, DataWell provides a unified, open architecture for interoperability with legacy and new third-party systems. It also enables the development and integration of place-based systems and creates the ability to position new digitally based applications at scale across the Greater Manchester area.



DataWell is a key part of Greater Manchester's devolution and vision for improving health for its 2.8 million residents and is complementary to existing systems held by the CCGs, Hospitals, GP surgeries and councils. It works with existing NHS and social care information systems that hold medical and care records in a safe, secure way.

The DataWell infrastructure offers the potential of:

- Developing a patient-facing portal providing patients with a common view of all of their interactions across the health and care system – it would also enable patients to manage consent for how their data is used
- Extending data integration with other public services for a wider range of health- and care-related purposes

safer, smarter care

There are a large number of health and social care professionals in the Greater Manchester area. It's important for them to be able to treat people from across the region, and follow-up on the outcomes of their treatment across multiple providers.

Participating providers include:

- 14 commissioners
- 500 GP practices
- 16 provider orgs
- 12 local authorities
- 4 universities
- 1 ambulance service

ground-breaking technology

At LumiraDx we are working as a technology partner in collaboration with the Health and Social Care Partnership and Greater Manchester Academic Health Science Network (GM AHSN) to support the DataWell project with our technical platform solution.

LumiraDx technology supports authorised health and care professionals to view specific information held in those records for the diagnosis and treatment of a patient when needed. It also protects records from being edited – they remain under the original organisation's control.

The DataWell platform is fully compliant with a wider range of international data standards. The technology we deliver is designed to augment existing local solutions, support new integration and applications and provide a Greater Manchester-level overview of patients.

14 commissioners

500 GP practices

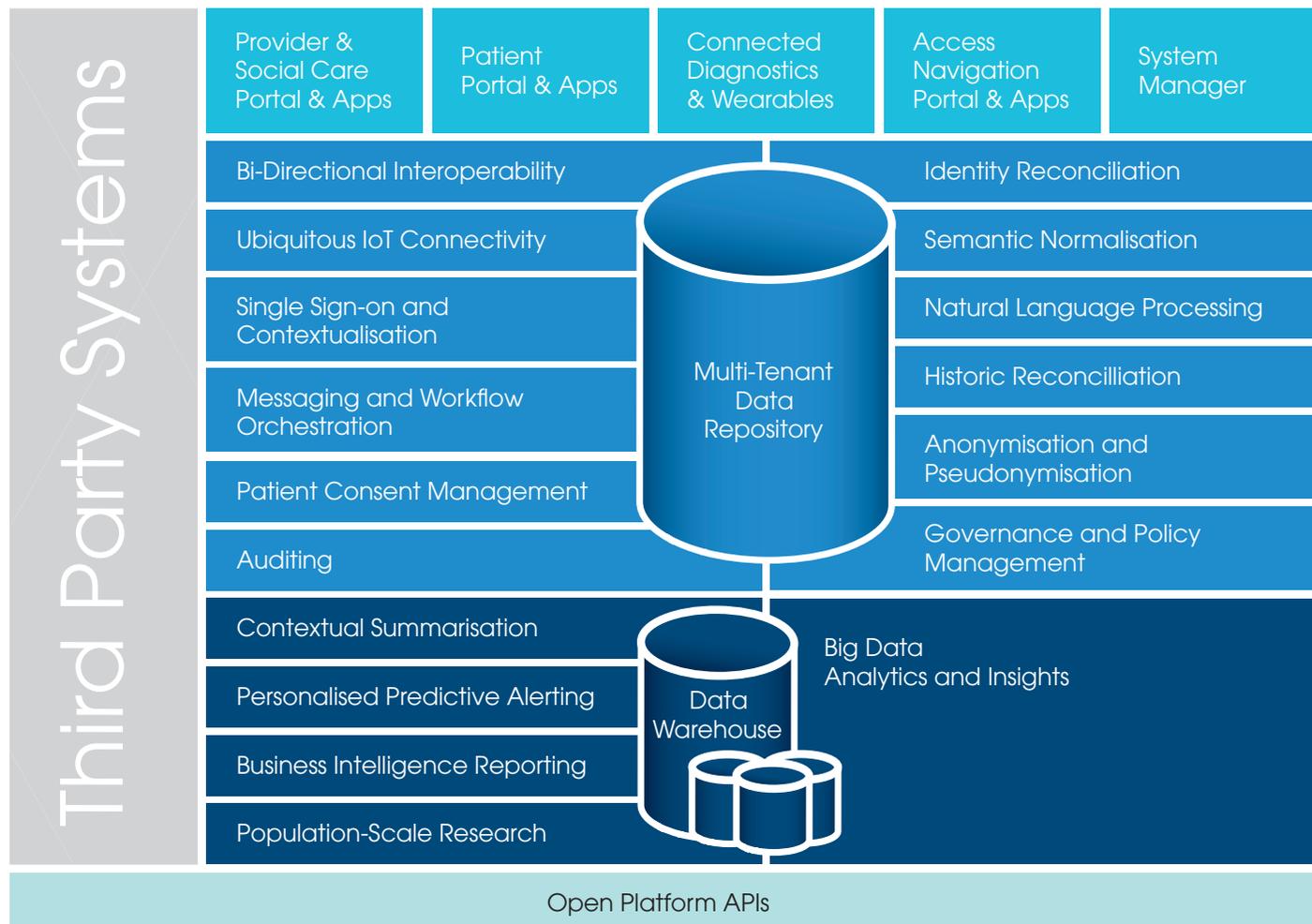
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DataWell platform architecture



DataWell benefits

As a platform DataWell is already starting to test innovative ways to deliver integrated care within Greater Manchester organisations, including development of a virtual pathology record. It will make it easy to test innovations locally and then support wider use and deployment across the region.

Four major trusts in Greater Manchester are connected and sharing pathology data:

- Salford Royal NHS Foundation Trust
- University Hospital South Manchester NHS Foundation Trust
- The Christie NHS Foundation Trust
- Central Manchester NHS Foundation Trust

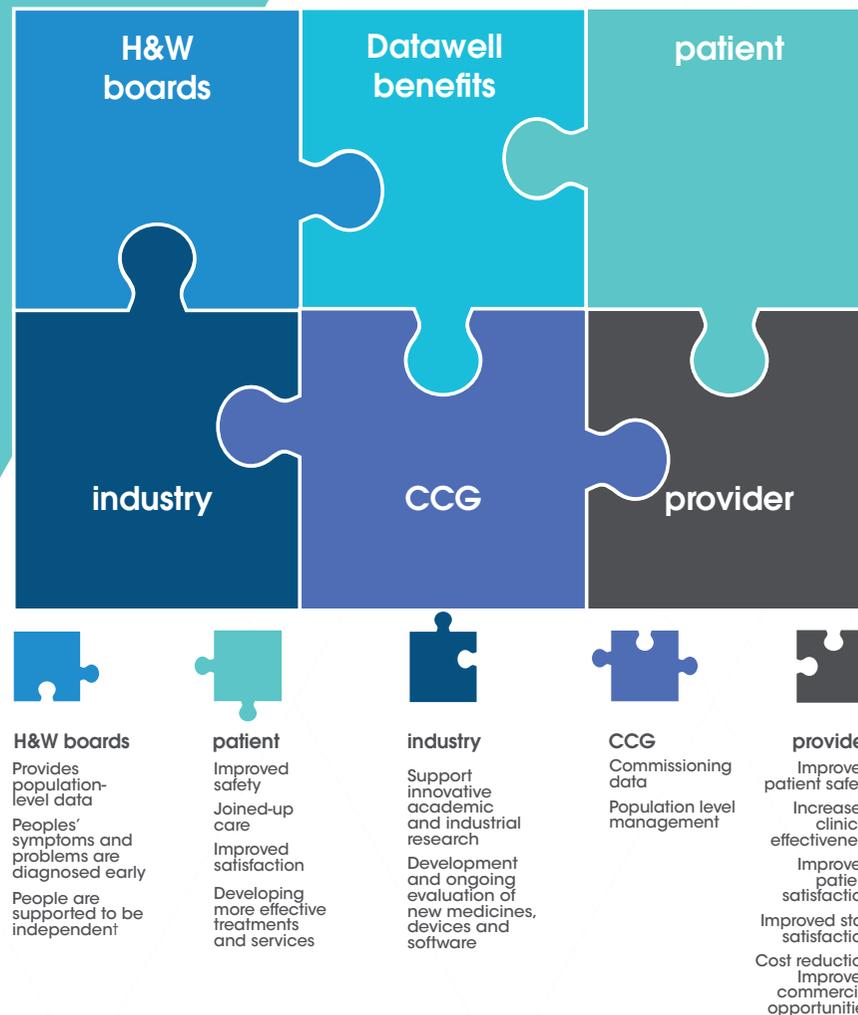
Patient records involved in the project include:

- 168,762 SRFT patients
- 57,539 Christie patients
- 104,832 CMFT patients
- 169,145 UHSM patients

...a total of just over 500k individual patient records.

Working with Health Innovation Manchester and the Digital Collaborative, the DataWell project will continue to create solutions that can support patients and clinicians in managing care effectively, improving health and preventing unnecessary demand on services.

If you are interested in finding out how a LumiraDx-powered data solution could deliver similar benefits to your population, contact us on 01209 721950 or email info@lumiradx.com.





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