

The London Secure Data Environment (SDE) provides secure access to data and a range of services to accelerate research and innovation leading to improved patient care.

The London SDE is developed by the [OneLondon programme](#), a partnership of London's five integrated care systems (ICSs) and three health innovation networks. It is also informed by extensive public engagement, including a [Citizens Advisory Group](#) comprising of 100 Londoners.



[In Depth Explainer](#)



[Explainer Video](#)



[Resource Site](#)



[Data Controller Guide](#)



[Privacy Notices](#)



[FAQs](#)

Vision

Our ambition is for London to be the healthiest global city, and the best in which to receive health and care services. Joining up Londoners' health and care information across the Capital is key to this.

It will help us meet the needs of all of London's communities, whether through improved direct care or enhanced research and development capabilities.

Mission

In 2023 London was awarded national funding to establish a **Sub-National Secure Data Environment (SN SDE)** to support research across the Capital.

With this new funding partners across London are working together to develop a world leading resource for health and care improvement known as the **London SDE**. This will help:



Improve direct care and population health management

- Further improving existing systems like the London Care Record as well as develop even more effective ways to identify, support and treat those at risk of ill health.



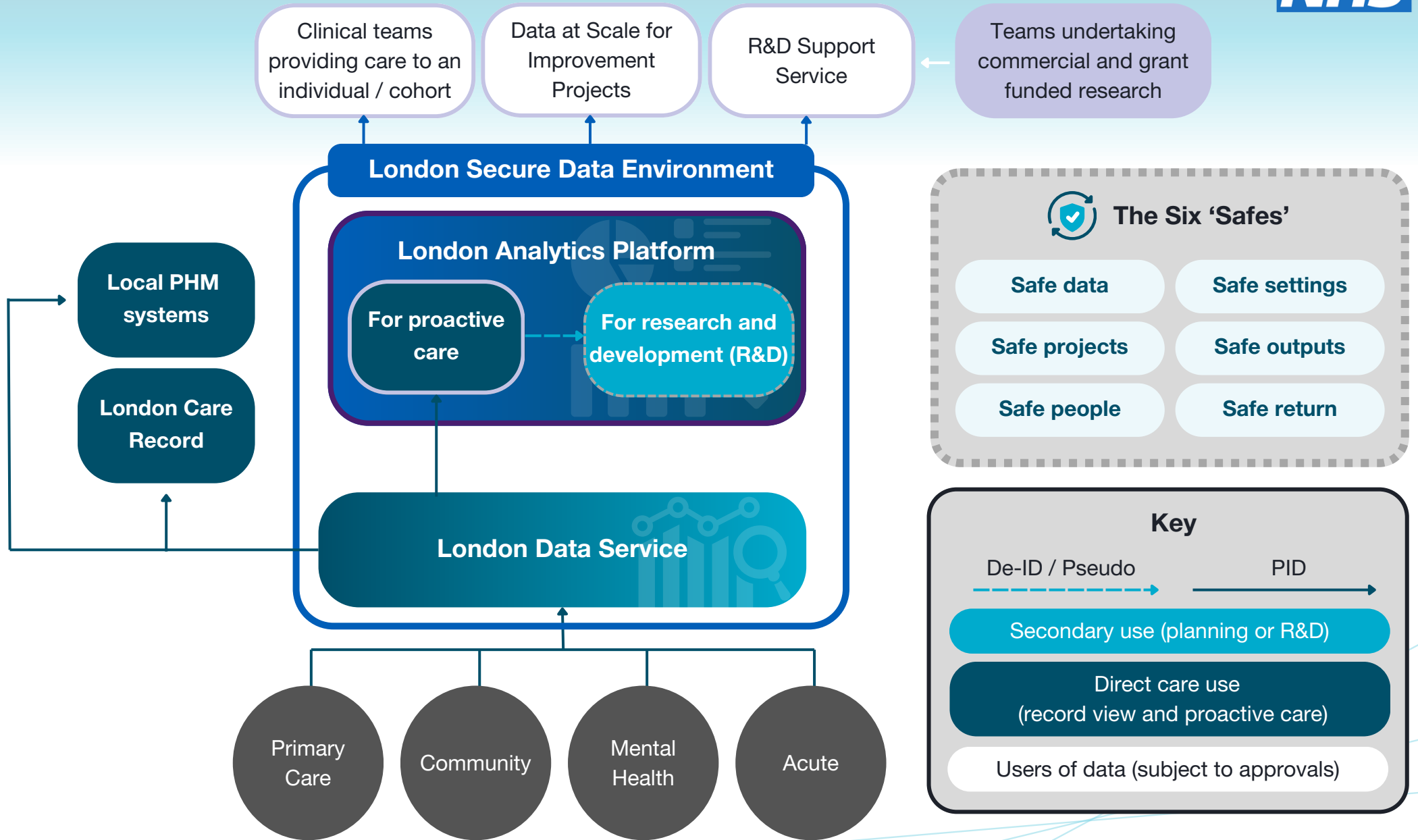
Support better health and care planning

- Giving partners the right tools to more effectively analyse demand for services and to predict likely future needs based on a better understanding of the needs of London's communities.



Support our health and care academic teams and industry partners

- Helping more Londoners benefit from the latest cutting-edge research.



Key Benefits of the London SDE

Patients receive care across multiple settings, often spanning different ICSs. To provide a holistic, joined-up view of patient information, we need to improve how data is shared and accessed. These enhancements align with the broader OneLondon vision, complementing existing tools like the [London Care Record](#) and [Universal Care Plan](#), which are already widely used across London's ICSs.



Increased Efficiency in the Data Extraction Process

- Currently, GP data (EMIS/TPP) is extracted using a commercial third-party system (Apollo). This will be replaced with IM1, an NHS system already used across London's ICSs.
- This change will reduce costs and variation across ICSs, simplify collaboration on shared improvement projects and ensure a more consistent and secure data-sharing approach.



Simplified Data Sharing Framework

- Instead of managing multiple separate data-sharing agreements, practices will operate under the OneLondon Framework. This standardised approach responds to patient requests for greater consistency across London.
- You will be able to make project by project approvals through your Data Access Committees, where data controllers can participate directly or through a representative (such as your LMC rep or GP DPO).
- There will be a simplified approval process for pan-London-wide research through your Data Controllers and lay members via the IIAG.



Strengthened Privacy and Security Controls

- We are shifting from data dissemination to a SDE model, ensuring that data remains within a controlled, auditable space. This is similar to moving from a lending library to a reference library, where information is accessed securely rather than distributed.
- This will improve data security and governance, give greater control over data usage and access and make it easier for GPs and ICSs to support research and public health initiatives.



Enabling Proactive and Integrated Patient Care

- Beyond improving data security, these changes will unlock new tools that support proactive care.
- Practices will be able to use linked patient data for real-time decision-making, identify patients needing early intervention or proactive support and leverage risk-stratification tools to detect early warning signs of deterioration.