

# The National Record Locator

October 2019

**Information and technology**  
for better health and care

Presented by  
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NHS Digital Integrating Care Programme



# The National Record Locator

The National Record Locator (NRL) is a national index of pointers to patient records. It enables an authorised clinician, care worker and/or administrator, in any health or care setting, to access a patient's information to support that patient's direct care.

*NRL's first use case was Mental Health Crisis Plans.  
5 Mental Health and 4 Ambulance Trusts went live on NRL in November 2018*

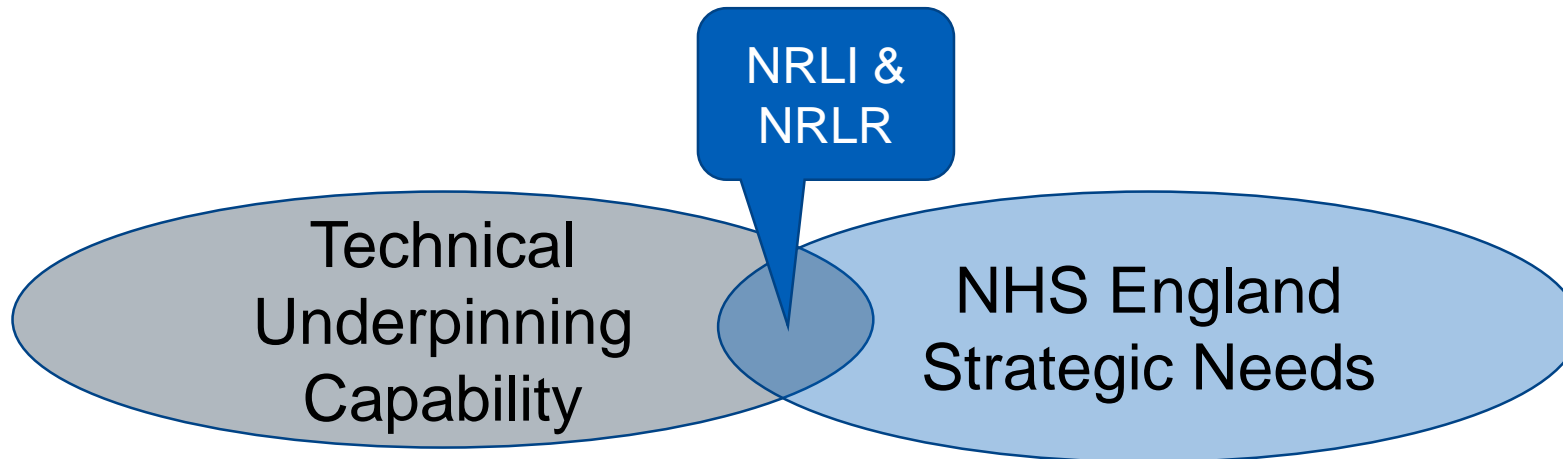
*The current phase of NRL involves working in partnership with LHCRs, and connecting more Mental Health and Ambulance Trusts*

*Future phases will enable record retrieval and extend to other record types, such as the Healthy Child Record, End of Life Plans, and Digital Maternity Records*

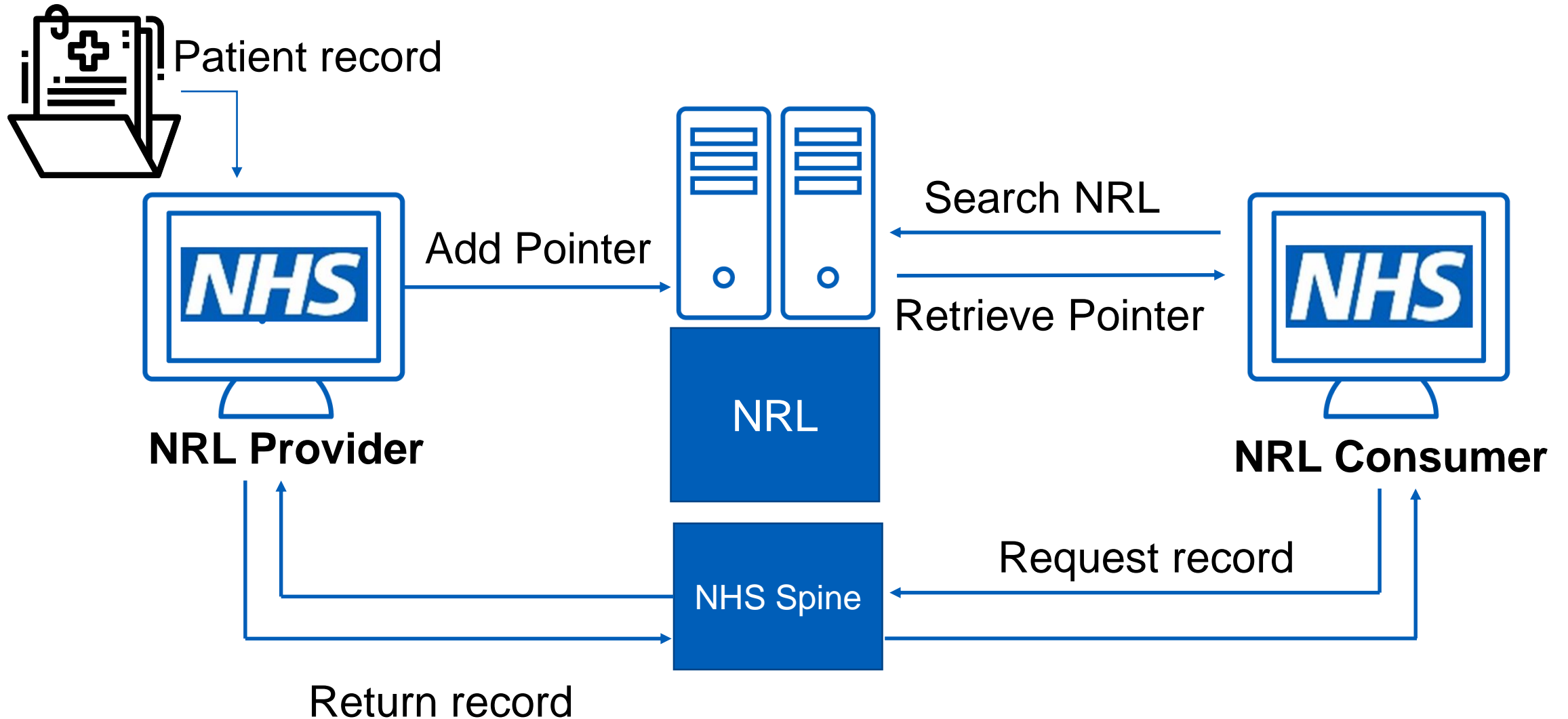
The NRL combines patient record access across the NHS without dictating where those records might be stored, thus realising a level of national interoperability across the service which has previously been unachievable

# Building and Enabling Access

- **Part 1:** National Record Locator Index (NRLI) – **building the capability**
- **Part 2:** National Record Location Retrieval (NRLR) – **enabling the capability**



# NRL Overview



# Our Phases

*"This would have saved me a lot of time this morning. It wasn't clear if a patient I was treating was under the care of mental health services. It took me 90 minutes and 6 separate calls to different organisations to establish that they did and speak to someone who could give me more information"*

NWAS MH Nurse – Nov 2018

P2020

Local Initiatives

November 2018

## Phase 1 Beta

From November 2018:

- 19,041 MH crisis plan pointers uploaded pre go-live (increasing daily)
- 5 MH Trusts and 2 Shared Care Records providing pointers with 4 Ambulance Trusts consuming

From March 2019:

- Begin connecting to Local Shared Care Record Initiatives/LHCREs
- **Get Record API Specification developed and published**
- Increased usage across Phase 1a sites and onboard Phase 2a candidate sites/localities



October 2019

## Phase 2 Unstructured Record Retrieval

- Record Retrieval (unstructured) ★
- Care Connect APIs
- Utilisation of NHS Identity (beta)
- Utilisation of renewed SCRa (beta)
- SSP integration
- Additional fast followers identified including DCH and Maternity
- Additional use case record types identified
- Scoping structured record retrieval



2020

## Phase 3 Structured Record Retrieval and Social Care onboarded

- Utilisation of NHS Identity and SCRa
- Fast Followers continue accessing NRL
- LHCR / Shared Care Record Initiatives provide/consume NRL
- Structured record retrieval (beta)
- Social care access (beta)
- Benefits realisation



2020/21

## Phase 4 Wider Uptake

Wide, large-scale adoption across:

- Urgent and Emergency Care New Care Networks
- Multispecialty community providers
- Primary and acute care systems
- Acute care collaboration
- Care homes / social care
- LHCR and non LHCR localities



• Strategic Information Governance Model(s) agreed

• GP Connect

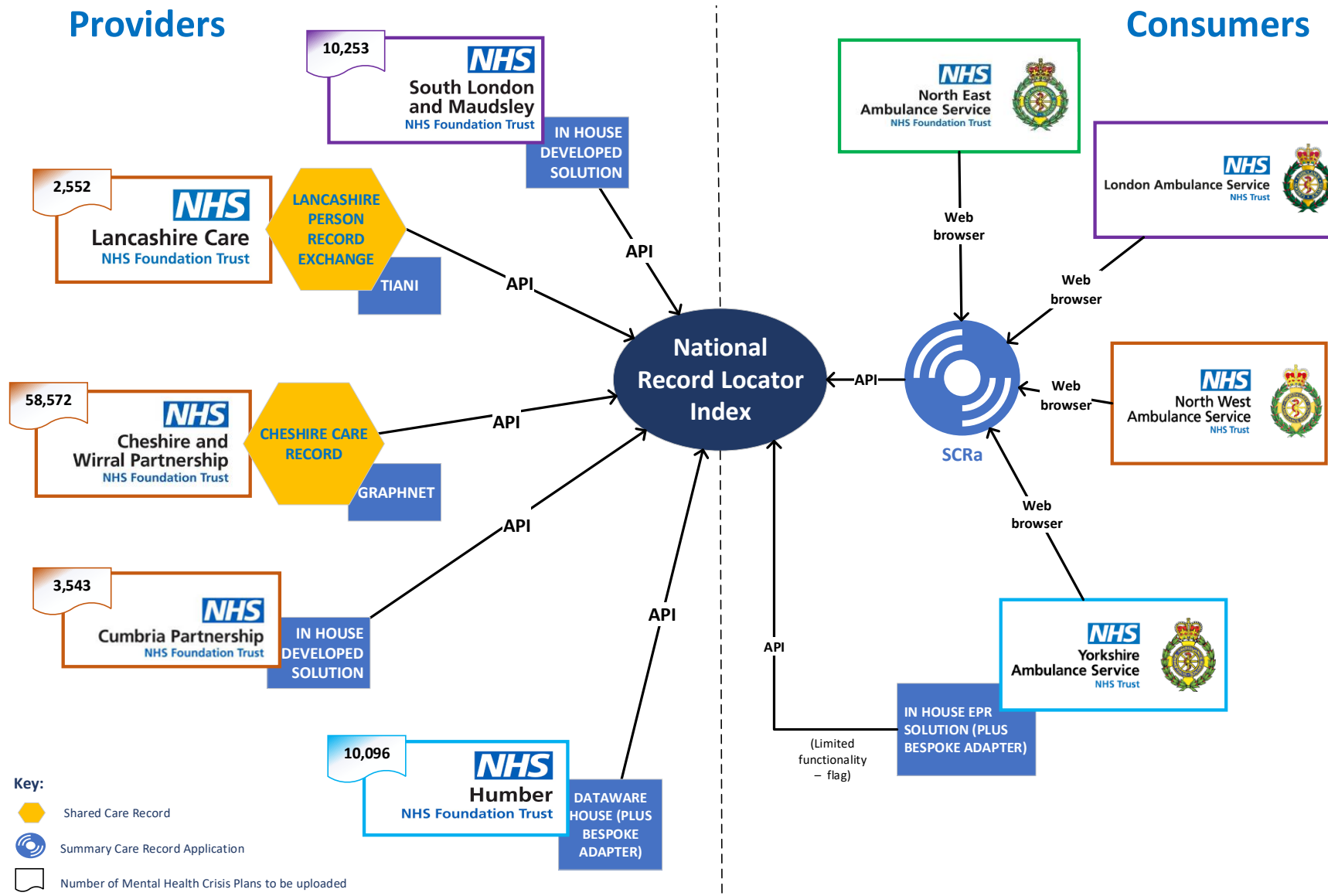
• Care Connect (APIs) Integration

• On-boarding of Consumers and Providers

• Continuous Supplier Engagement and Integration

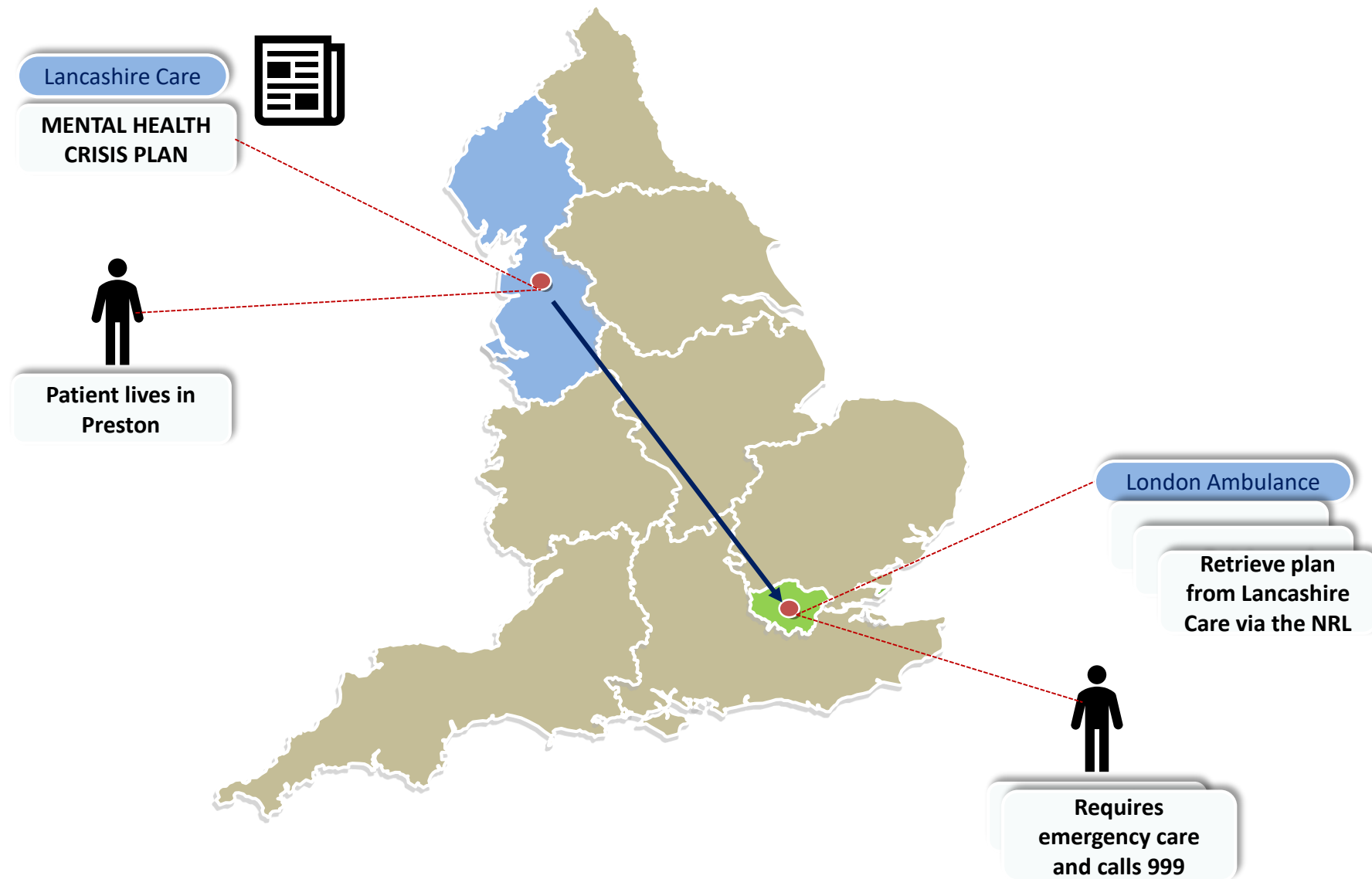
• Communication and Engagement

# National Record Locator Phase 1 - Sites and Volumes



For more information on the NRL, contact the team on [nrls@nhs.net](mailto:nrls@nhs.net).

# NRL enables cross border record sharing



# NRL in the SCRa

Find a patient   Change role   Help   Print   Exit

Summary Care Record **NHS**

**Enoch VIGGOR**   DoB 12-May-1976   Male   NHS 966 101 9886   GP Practice B82617   Address 7 CALDEY GARDENS, INGLEBY BARWICK, STOCKTON-ON-TEES, UNITED KINGDOM, TS17 5HW

Patient Details   **Record Locator**

Key Demographic Information   GP & Care Providers   Contacts & Next of Kin   Historical Information

✘ The patient does not have an SCR

### Name

Usual Name **MR Enoch Horace VIGGOR**  
*Effective since 12-Nov-2014*

Preferred Name *Not recorded*

Alias *Not recorded*

Other Names *Not recorded*

### Key Details

Gender **Male**

NHS Number **966 101 9886**

Date of Birth **12-May-1976**

Birth Order *Not recorded*

Place of Birth *Not recorded*

Language *Not recorded*

General Practice **B82617 - COXWOLD SURGERY**

Consent to share **Implied Consent**

### Addresses

Usual Address **7 CALDEY GARDENS  
INGLEBY BARWICK  
STOCKTON-ON-TEES  
UNITED KINGDOM  
TS17 5HW**  
*Effective since 09-Jan-1988*

Correspondence address *Not recorded*

Temporary address *Not recorded*

### Contact Information

Telephone *Not recorded*

Email *Not recorded*

Fax *Not recorded*

Textphone *Not recorded*

Written communication *Not recorded*

Contact preferences *Not recorded*

### Summary Care Record / Consent Preference

SCR Consent Preference **Permission to view required**



# NRL in the SCRa

NHS Summary Care Record - Clinical Documents - Internet Explorer  
https://portal2.national.ncrs.nhs.uk/summarycarerecord/documents

Find a patient   Change role   Help   Print   Exit   Summary Care Record

**Donotuse XXTESTPATIENT-TJHD**   DoB 08-Oct-1956   Female   NHS 999 056 9061   GP Practice Y90001  
Address C/O NHS DIGITAL TEST DATA MANAGER, SOLUTION ASSURANCE 1 TREVELYAN SQ., BOAR LANE, LEEDS, WEST YORKSHIRE, UNITED KINGDOM, LS1 6AE

Patient Details   Record Locator

Creation Date	Record Type	Record Owner
19/11/2018	Mental health crisis plan (record artifact)	Lancashire Care NHS Foundation Trust <a href="#">Contact Information</a>
15/11/2018	Mental health crisis plan (record artifact)	South London And Maudsley NHS Foundation Trust <a href="#">Contact Information</a>
Unavailable	Mental health crisis plan (record artifact)	Cumbria Partnership NHS Foundation Trust <a href="#">Contact Information</a>
Unavailable	Mental health crisis plan (record artifact)	Lancashire Care NHS Foundation Trust <a href="#">Contact Information</a>



# Congratulations

## National Record Locator team



# Digital Public Service Innovation of the Year 2019

# The NRL and Local Health and Care Records (LHCR)



# Local Health & Care Record organisations (LHCRs) are...

Regional coalitions of health and care organisations, working together with their local communities to deliver a new set of data services, for both care delivery and for local research and service analysis  
*(minimum population coverage: 2m)*

... intended to **enable**

seamless and real-time data sharing across care providers for care delivery  
citizen access and ability to contribute to their shared care data  
the availability of rich care data for local population management and research

first **established** (Wave 1) in 2018

Each to receive £7.5m (capital) as a central investment to start-up, with matched local investment in the start-up period (first 2 years)



# LHCRs – Wave 1

Each initially funded  
**£7.5m**

**41.9%**  
of the population covered

IG Framework **1**

**5** Wave 1 Exemplars

Exemplars engage with...

**8**  
Of the 15 Academic Health Science Networks

**83**

**14**

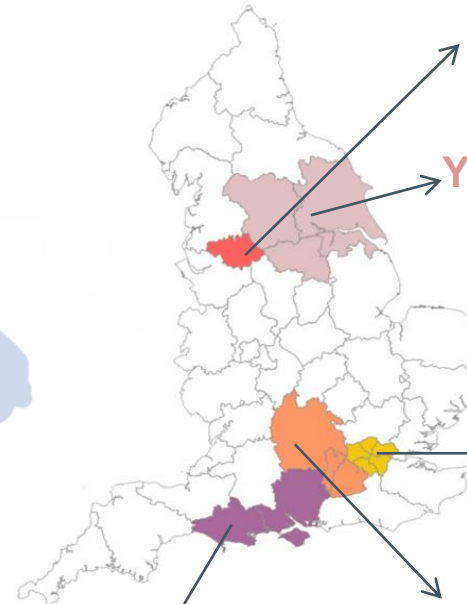
**24**



NHS Trusts & Foundation Trusts

**6** Ambulance Trusts

Over **50** system suppliers



**Greater Manchester**

The Greater Manchester devolution  
Pop. 2.8m

**Yorkshire & Humber**

West Yorkshire, South Yorkshire & Bassetlaw, Humberside and North Yorkshire  
Pop. 5.4m

**One London**

All of London  
Pop. 8.5m

**Thames Valley & Surrey**

Buckinghamshire, Berkshire, Oxfordshire and Surrey  
Pop. 3.2m

**Wessex**

Hampshire, Isle of Wight and Dorset  
Pop. 2.6m

# LHCR Future Waves

## Wave 1

- Greater Manchester
- One London
- Thames Valley & Surrey
- Wessex
- Yorkshire & Humber

Announced  
in 2018

## Wave 2

- Great North Care Record
- Share 2 Care (NW)
- One South West

Mobilising

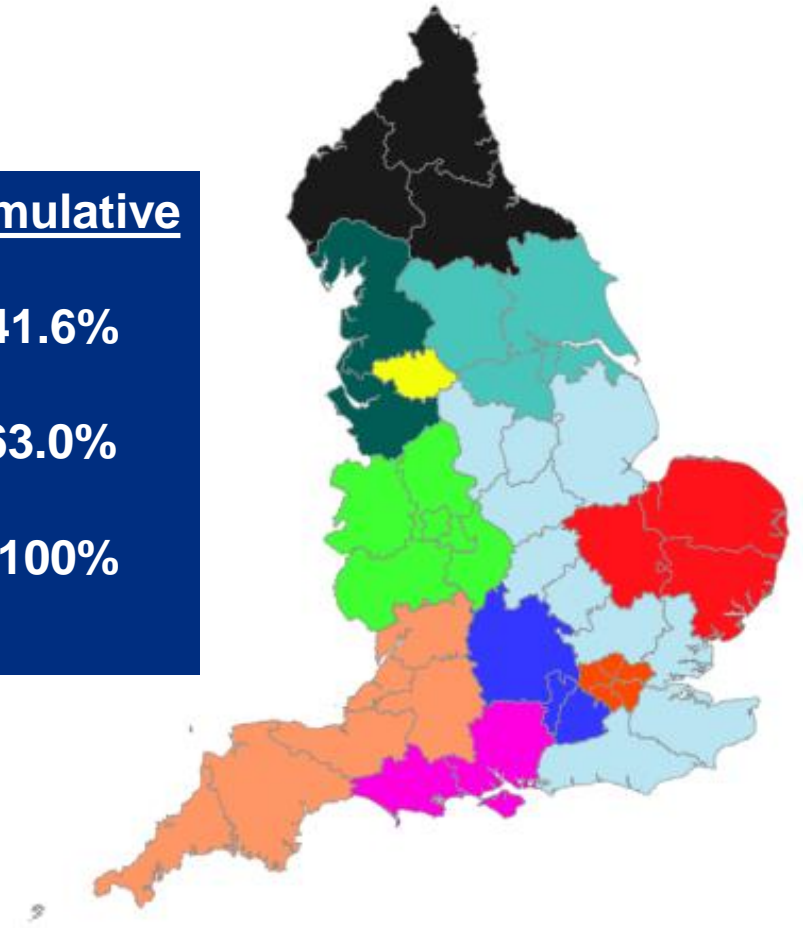
## Wave 3\*

- Eastern
- West Midlands
- Remaining Areas that did not bid

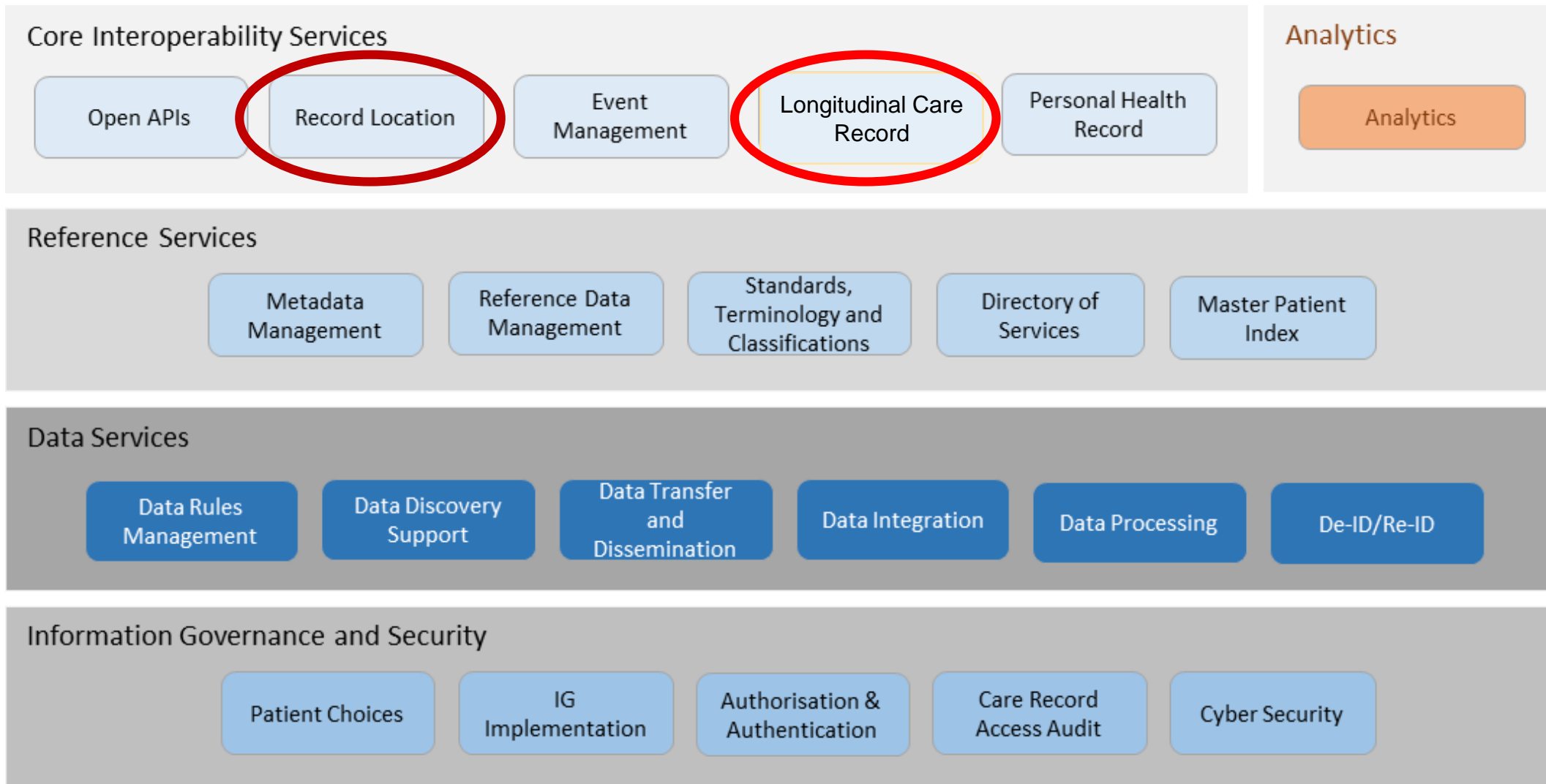
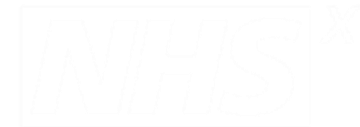
Wave 3 delivery  
approach to be  
informed by Waves 1  
and 2

**Subject to business case**

	<u>Cumulative</u>
Wave 1 – 22.5m.	41.6%
Wave 2 – 11.06m	63.0%
Wave 3 – 20.0m	100%



# LHCR Common Technical Capabilities



# NRL Phase 2 and Beyond

Information and technology  
for better health and care





## NRL Phase 2 Objectives

Available  
from  
October  
2019

### Record Retrieval

- Paramedics will be able to retrieve the content of Mental Health Crisis Plans

### NHS Identity

- Integration with NHS Identity, enabling biometric authentication, which will replace smartcards
- Availability on the road on LAS iPads

### Enable Other Use Cases

- The Healthy Child Record
- Maternity Records

### Enable Users in different care settings

- The High Intensity Network – enabling MH nurses to consume records when working in the community with the police

## NRL Phase 3 and beyond

### New Use Cases

- End of Life Plans
- Digital Child Health
- Maternity
- Social Care
- Genomics

### National Data Sharing Agreement

- A National Data Sharing agreement will mean that any use case of national significance can be enabled via the NRL

### Structured Record Retrieval and LHCR Integration

- Enabling structured record retrieval
- Onboarding and enabling LHCR connectivity

# NRL Onboarding providers and consumers **NOW!**

NRL PHASE 2 Record retrieval goes **LIVE 26<sup>th</sup> November 2019**

- Providing clinicians access to **Retrieve Records nationally** to aid front line decision making
  - **Enabling** more:
    - ‘Hear and Treat’,
    - ‘See and Treat’
  - **Reducing:**
    - ‘See, Treat and Convey’

★★★★  
**We need**  
**YOU!**



**Contact us **now** to start retrieving records via LHCRE, Shared Care Record or Direct Integration**

**[nrls@nhs.net](mailto:nrls@nhs.net)**

# Resources

- **SSP**

[https://developer.nhs.uk/apis/spine-core-1-0/ssp\\_overview.html](https://developer.nhs.uk/apis/spine-core-1-0/ssp_overview.html)

- **CareConnect API Get Document (Binary)**

[https://nhsconnect.github.io/CareConnectAPI/api\\_documents\\_binary.html](https://nhsconnect.github.io/CareConnectAPI/api_documents_binary.html)

- **NRL API**

<https://developer.nhs.uk/apis/nrls/>



# Questions?



## Connect with us

 [@nhsdigital](https://twitter.com/nhsdigital)

 [company/nhs-digital](https://www.linkedin.com/company/nhs-digital)

 [www.digital.nhs.uk](http://www.digital.nhs.uk)

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