

EAST MIDLANDS SDE FOR R&D

**MIDLANDS CCIO FORUM @
HDRUK**

11 JANUARY 2024

Everything Hilary just said.....

- Many decisions need to be made across the network of 11 SDEs for research with a national footprint to work
- E.g. Discoverability of data and cohort analysis

- We are building incrementally
- Aim to use existing components that can function together; the hard work is in connecting them. We've proved we can federate a query across Nottingham and Southampton TREs
- Aim to store almost no data in perpetuity; aim to get data controllers to apply National Data Opt Out at source, when they can
- Aim to be technology-agnostic. The loose-coupling of the components in our architecture means that we avoid being wedded to a single supplier or system
- We are implementing the BC Platforms safe haven solution, testing first with synthetic data, and preparing to connect to the University of Nottingham's Trusted Research Environment
- We've 'rented' a set of seconded people from NUH / UoN / Notts Healthcare to access relevant skills to the programme, to avoid committing £ long term.



DIFFERENCES BETWEEN EAST AND WEST MIDLANDS

East

- Not a builder so less £
- Divided the processing into a preparation safe haven and a TRE
- Testing use of BCPlatforms software but being technology agnostic
- No persistent data stored; we aim to request data only when an approved research project needs it. Will probably request research database status from HRA . Undecided when we might request / obtain section 251, probably data specific or research specific request

West

- One of 7 builders so more £ / capita
- One architecture building on use and success of Pioneer etc
- Bespoke build using Microsoft products and Off the Shelf PET s/w
- Research database regularly updated from shared records and use of Section 251



- NHSE SRO has left and not yet been replaced
- DHSC Policy work starting to move away from 'Data Sharing' to 'Data Access' as commitments made in 'Data Saves Lives'
- Different approaches being taken by each SDE to IG and protecting common law duty of confidentiality
- Much detailed work to be done to agree on:
 - a single front door for researchers
 - the operating and commercial model
 - how federation across SDEs will work without common IG policies
- Review of National Data Opt Out underway
- National procurement of national PPIE work using deliberative engagement has closed.

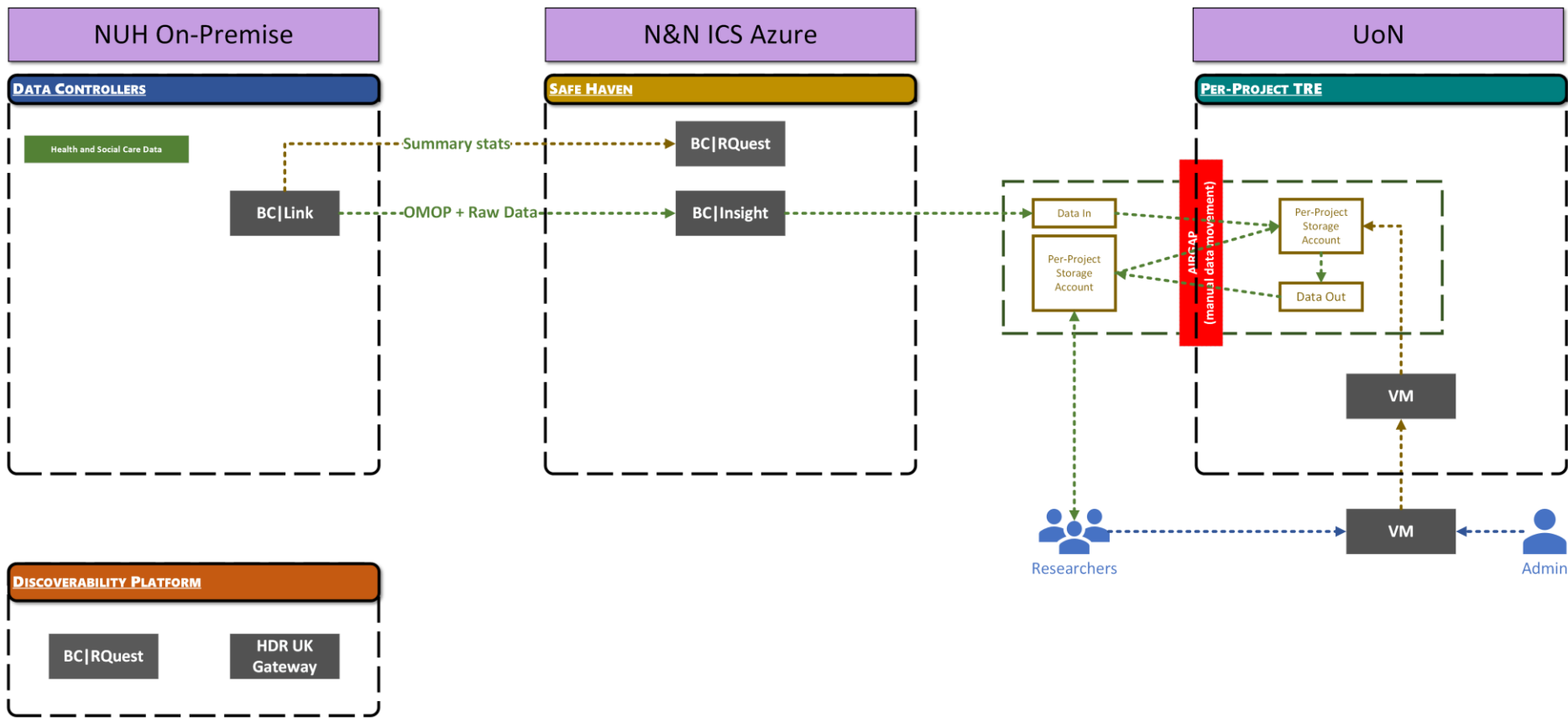


Appendices

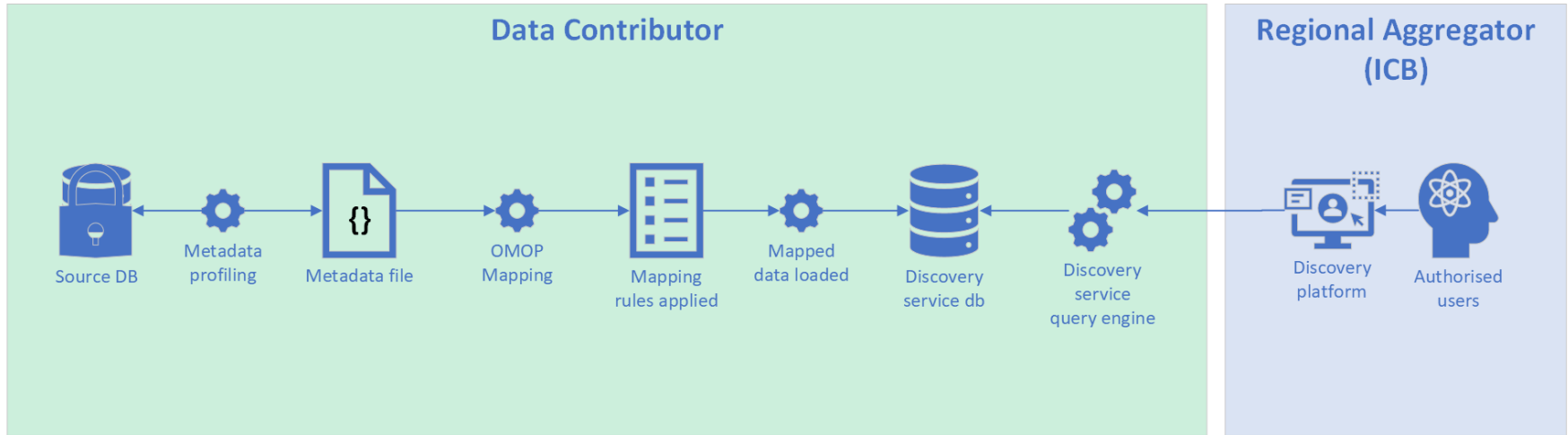


COMPONENT	DESCRIPTION	CURRENT STATUS
Data Sources	Agreed datasets to be made available for research	<ul style="list-style-type: none">Engagement with data controllers continues to establish the scope of datasets which may be available to the programme.
'Safe Haven'	Central data factory component of the SDE	<ul style="list-style-type: none">Evaluating BC Platforms solution.Limited availability of operational technical skills is delaying the deployment of the platform.
Trusted Research Environment	Accredited secure platform for researchers to analyse anonymised data	<ul style="list-style-type: none">University of Nottingham's existing TRE will form the basis of the initial SDE.
Discoverability Platform	Searchable library of available data models	<ul style="list-style-type: none">NHSE have established the HDR UK Innovation Gateway as the nationally-mandated standard solution.

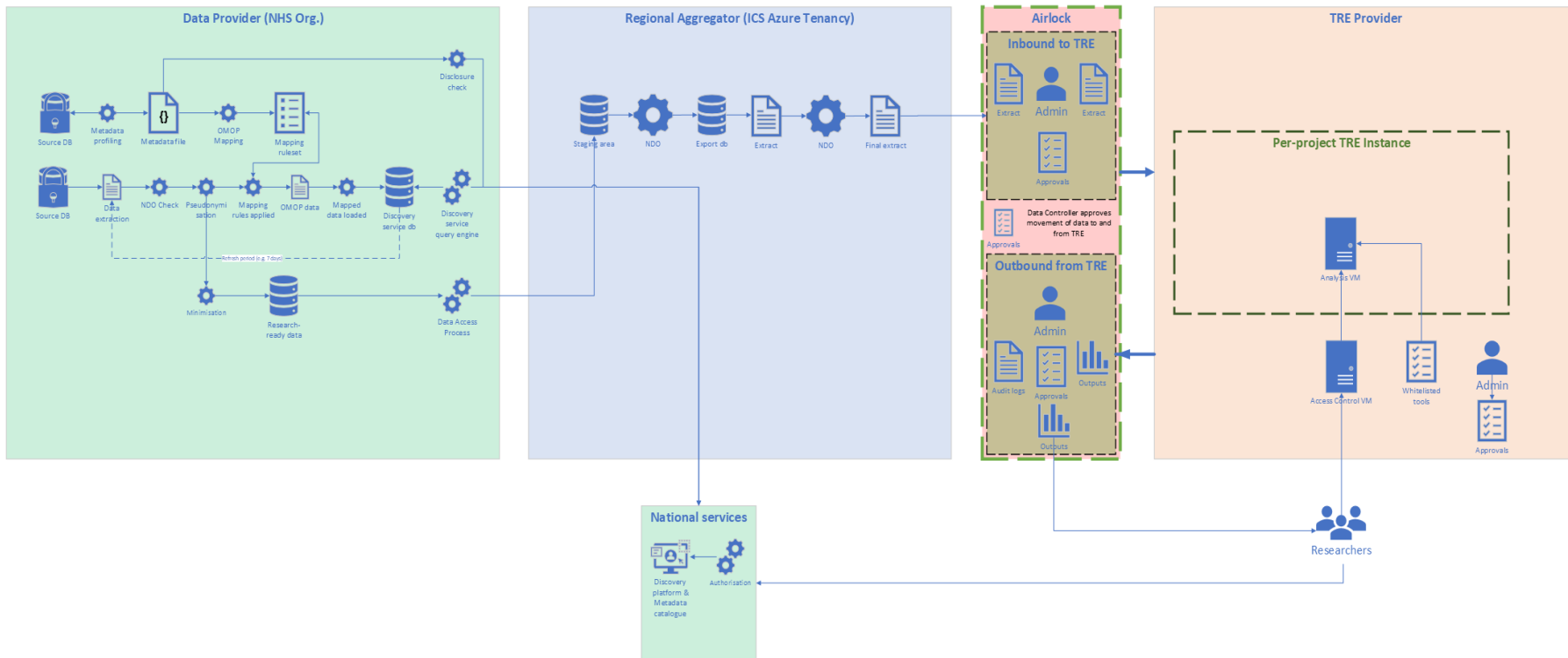




Discovery - Alpha



Beta



TECHNICAL – OMOP MAPPING & DISCOVERY

