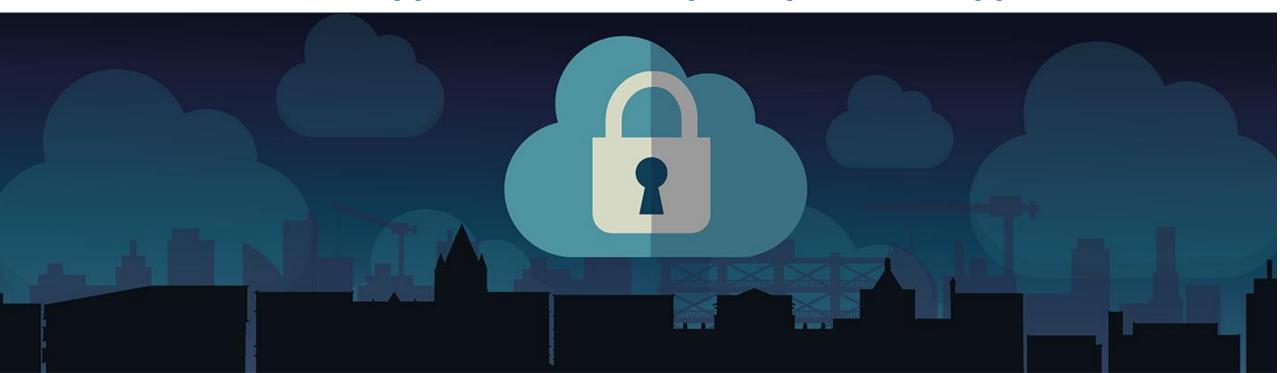# Highly Restricted Data Service - developed as part of the Research Lifecycle Programme

HRDS is an over-arching service, encompassing four sub-services:
- **Data Safe Haven (DSH) – comes in two flavours, DSH local & DSH cloud**
- **Bespoke web application stacks**
- **SafePod**
- **REDCap**

Research IT team support DSH, REDCap, Bespoke web application stacks

HRDS provides secure platforms for collection, ingress, storage, processing, sharing, egress of Restricted and Highly Restricted research data

Data Safe Haven £

DSH local – storage and compute on campus.
DSH cloud – storage and computer in the cloud.

Researchers directed to DSH local or DSH cloud, depending on project requirements.

DSH cloud to be launched Dec 2022.

Built to meet the requirements of 3rd party data providers such as NHS Digital, Section 251 approved data use (use of confidential patient data without patient consent)

SafePod FREE

Located in our Main Library, secure physical room for working with data providers via the national SafePod Network (SPN).

SPN datasets include:
- Office for National Statistics
- UK Data Service
- SAIL Databank

Additional datasets can be added.

Bespoke Web Application Stacks £

Cloud hosted, project-specific platforms, for collecting, processing, sharing data.

Typical example: an application used by patients to upload symptom data from clinical devices, data made available to the patient, clinicians, researchers, policy makers (with consent).

REDCap £

Secure web application for building and managing online surveys and databases, suitable for longitudinal studies.

HRDS charges

DSH Local
- £2k per year charge for standard project

DSH Cloud
- £2k per year charge for standard project
- Cloud storage & computational resource charged back to project monthly

Bespoke Web Application Stacks
- Variable yearly charge
- Cloud storage & computational resource charged back to project monthly
- Penetration testing (if required)

SafePod
- Free

REDCap
- One-time fixed fee of £300 per project

Please factor HRDS costs into your grant applications

Find out more at hrds.manchester.ac.uk
or contact us at hrds@manchester.ac.uk