# Kernel Development Group - Update

Reporting Month: Sept 2021







### Completed activities / milestones achieved:

- o Hardware for new warehouse procured, set up and hosted.
- Scoping exercise completed and approved (kept under review)
- o Project Plan developed (kept under review).
- o Governance group established meets bi-weekly.
- Funding Model agreed and letters sent out to CEOs of stakeholder organisations .
- o 50 Use Cases identified.
- o On-boarding process developed and being tested with IC24.
- o Kernel IG Group established (with CCG).
- o MTW, EKHUFT and MCH have confirmed Kernel subscription.
- o HSLI funding for 2020/21 has been allocated and invoiced raised.
- o Input into Moorhouse & SCW reviews / reports.
- o Invoices raised for 2021/22 Kernel subscription.
- o SUS data loads completed for EKHUFT, MFT, MTW, KCHFT
- Options appraisal developed with BI and IG leads for Primary Care and PMI data sets (presented at May SHcAB).
- o KMDW Governance Group convened and TOR written.
- o KMPT governance signed and tables built.

## Summary of key Issues:

- BAU Pressures on Trust BI teams is causing a lack of engagement in project and a delay to testing and sign off.
- o Source of PMI for Kernel remains unknown.
- o Source of GP data for Kernel remains unknown.
- Lack of clarity on IG solution to join PMI, primary care and trust data into KERNEL data sets.
- o Overall governance not in place CCG strategy required

# Outstanding activities / scheduled events:

- o Decision on De-ID/Re-ID approach (to use the Nottingham Unitool used in Dorset, whilst national solution is developed).
- o DPIA to be completed and signed off.
- o Delivery of Phase 1 data sets as per plan and scoping document
- Plan being reworked to include tactical datasets and to confirm timescales for other datasets with each stakeholder based on their capacity to test and sign off datasets.
- o ESR (Workforce) data being built for MTW and offered to others.
- o Initial maternity plan agreed use MSDS. This will also be usable by Kernel.
- o Design of trust local dataflows being worked on with trusts. Meetings and discussions being held.
- o sFTP server available and in final stages of setup. This will allow data to be submitted to Kernel from any organization.
- o KMPT data should flow in next month once IG approved.

#### Summary of key Risks:

- o Ongoing funding for Kernel has not been agreed by all parties.
- Lack of clarity over the role of different suppliers e.g. HISbi and Graphnet.
- No formal commitment from non-HISbi customers to share their data.
- Lack of dedicated resource to manage the project on a day to day basis.
- o IG resources and process to support data sharing not in place.

# Kernel Development Group - Update High-level Plan







Project	Item	Notes	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21
	Proof of Concept	Technical Programme Manager / HISbi / DBA			М							
	Phase 1	Technical Programme Manager / HISbi / DBA									М	
	Phase 2 & 3 Scoping and Planning	Technical Programme Manager / HISbi / DBA									М	
KERNEL Support	. 5											
	IG Processes and Documentation	K&M CCG to supply / resource									М	
	Consultancy - Kernel Infrastructure Design	NHS South, Central and West CSU					М					
	Consultancy - Support Days	NHS South, Central and West CSU						М				
	Kernel Website POC/Development	Beautiful Information to supply						М				
Enhancements												
	Processing Capabilities	MTW IT									М	
	Auditing Capabilities	MTW IT									М	
Maternity CCG												
	Specification and sourcing of Maternity Datasets	Contractor Resource									М	
	Maternity Dashboard Development	Beautiful information									М	
M = Milestone	Delayed	On Track										
	At Risk	Complete										
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