Kernel Development Group - Update

Reporting Month: July 2021

Completed activities / milestones achieved:

o Hardware for new warehouse procured, set up and hosted.
o Scoping exercise completed and approved (kept under review)
o Project Plan developed (kept under review).
o Governance group established – meets bi-weekly.
o 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
o 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.

Summary of key Issues:

o 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.
o Lack of clarity on IG solution to join PMI, primary care and trust data into KERNEL data sets.
o DVH – lack of engagement.

Outstanding activities / scheduled events:

o Decision on De-ID/Re-ID approach (to use the Nottingham Uni tool 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
o 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 Engaging with KMPT around the IG and table design
o Maternity data mappings begun. Further planning meetings booked.
o ESR (Workforce) data being built for MTW and offered to others.
o EKHUFT regular feeds.
o Maidstone and Swale District Council data linking project.

Summary of key Risks:

o Ongoing funding for Kernel has not been agreed by all parties – link Moorhouse review.
o Lack of clarity over the role of different suppliers e.g. HISbi and Graphnet.
o No formal commitment from non-HISbi customers to share their data.
o Lack of dedicated resource to manage the project on a day to day basis (Technical Project Manager and DBA are not substantive staff but have been extended until Jun-21).

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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
Technical Delivery (Phase 1)	Proof of Concept	*Technical Programme Manager / HISbi / DBA*			M							
	Phase 1	*Technical Programme Manager / HISbi / DBA*									M	
	Phase 2 & 3 Scoping and Planning	*Technical Programme Manager / HISbi / DBA*									M	
KERNEL Support	IG Processes and Documentation	*K&M CCG to supply / resource*									M	
	Consultancy - Kernel Infrastructure Design	*NHS South, Central and West CSU*					M					
	Consultancy - Support Days	*NHS South, Central and West CSU*						M				
	Kernel Website POC/Development	*Beautiful Information to supply*						M				
Data Warehouse Enhancements	Processing Capabilities	*MTW IT*						M				
	Auditing Capabilities	*MTW IT*						M				
Maternity CCG project	Specification and sourcing of Maternity Datasets	*Contractor Resource*						M				
	Maternity Dashboard Development	*Beautiful information*						M				

M = Milestone