

FOI.17697 - Attachment 1

AI system information			
1. How many artificial intelligence (AI) systems does your trust/health board currently have in development?	0		
2. How many AI systems are currently deployed within your trust/health board?	3		
3. For every AI model currently being used or developed in your trust:	AI system 1	AI system 2	AI system 3
3a. Is the AI model being used operationally, clinically, or for another purpose?	Clinically	Operational	Operational
3b. What department(s) is the AI system being used in?	Radiology	Operational settings	Digital services and all UHB internal staff for user interaction with the helpdesk.
3c. What month and year was the AI system first deployed? (n/a if in development).	May-24	Sep-24	Unknown. System in use since April 2022 and AI agent deployed via normal software updates.
3d. Was the AI system created by a commercial entity, university, in-house, or within another NHS trust? Please give the name of the organisation.	Brainomix procured on an All Wales basis by NHS Wales Executive (now merged and is part of NHS Wales Performance and Improvement, hosted by PHW).	Co-Pilot - Microsoft Enterprise (MSE) procured via DHCW.	FreshService system procured via a third party.
3e. What is the AI systems architecture? (e.g. deep neural network, random forest, logistic regression, large language model).	Section 31	Section 31	Section 31
3f. Which coding language and packages are used to deploy the AI system? (e.g. python - scikit-learn, pytorch, tensorflow)	Section 31	Section 31	Section 31
3g. What is the nature of the input of the AI system? (e.g. a medical scan, free text Notes, tables of lab results).	Medical scan	Natural language prompts or structured data	Free text
3h. What is the nature of the output of the AI system? (e.g. a masked image, a risk score, natural text).	Masked image	context-aware, actionable, and adaptable	Text
3i. How was the AI system validated in the target population before deployment?	National Institute for Health and Care Excellence (NICE) accredited.	Microsoft validated its Co-Pilot AI system through a multi-layered Responsible AI (RAI) framework prior to deployment. Particularly focusing on ensuring safety, fairness, and compliance within the target population.	Not Applicable - internal use only.
3j. What measures are in place to monitor for degradation in the performance of the AI system post-deployment?	Audit of output	Microsoft has implemented a robust set of post-deployment monitoring measures to detect and address any degradation in the performance of Co-Pilot AI systems. These measures span technical observability, user feedback, and business impact tracking	None
3k. What was the cost to procure the AI model and what is the ongoing cost of use?	Not held. Contact PHW.	Not held. Co-pilot chat costs included as part of the MSE agreement. Contact DHCW.	Section 43
3l. Which departmental budget is the cost paid from?	Stroke Service	Digital Services	Digital Services
Data management			
4. Was any local patient data used for training or fine tuning the AI system?	No	No	No
5. Is any patient data collected specifically for the purpose of training any of the AI systems currently in development or deployment?	No	No	No
6. Do you share, or plan to share, any patient data with third-party developers for AI-related purposes? If yes, please provide details of the data-sharing agreement or relevant policy.	No	No	No
Regulation			
7. What is the regulation and certification of the AI model under the European Union Medical Device Directive and/or United Kingdom Medicines and Healthcare products Regulatory Agency (MHRA)?	NICE/Food and Drug Administration (FDA) and CE marked	Co-Pilot is not currently classified or certified as a medical device under the European Union (EU) Medical Device Regulation (MDR) or the UK Medicines and Healthcare products Regulatory Agency (MHRA).	Not applicable
Patient/public involvement			
8. Was any patient/public engagement undertaken before deployment of the AI system?	No	No	No
9. Is there any ongoing patient/public engagement input into the use of AI within your organisation?	No	No	No
Governance			
10. Who has responsibility for the AI systems being using?	Stroke Service	Digital Services	Digital Services
11. Does your organisation have a governance policy that covers:			
11a. Use of AI systems within your organisation?	Yes	Yes	No
11b. Ongoing evaluation of an AI model's performance after deployment?	Yes	Yes	No
11c. How to monitor for bias in the AI system and how to mitigate against this?	Yes	Yes	No