FOI 099/2024 Response

Medical Device Integration

1. **Is the Trust HIMMS accredited? If so, what level of accreditation has been achieved?**

   No to HIMSS (for awareness we did EMRAM previously, we have never done the infrastructure model)

2. **Does the organisation have an existing Electronic Patient Record (EPR) system? If yes, please provide details of the EPR product, including the provider and product name.**

   Rio provided by The Access Group

3. **When is the renewal date for the current EPR system?**

   May 2026

4. **Does the Trust have a solution in place to automatically send patient data from medical devices to the main Hospital Information System / EPR?**

   Yes for ECG machines

5. **Is there a single interoperability platform for all medical devices that automatically sends data to the main hospital information system?**

   No

6. **If yes to question 5, who is the supplier and what is the name of the product?**

   N/A

7. **If yes to question 5, when does the current contract end?**

   N/A

8. **Is the Trust reviewing any projects that require the integration of medical devices with the main hospital information system / EPR?**

   Yes

9. **If no to question 5, is the Trust currently evaluating suppliers and product options for medical device interoperability with the main hospital information system (PAS/EPR)?**

   No

10. **If no to question 5, is the Trust interested in learning about Enovacom's software-only solution and how other NHS customers are adopting our technology?**

    No

11. **Who is the lead person to contact regarding projects of this nature? Typically, we would connect with the Chief Clinical Information Officer, Chief Digital Transformation Officer, or EPR Programme Director.**

    Dr James Reed, CCIO: Jamesreed@nhs.net

Enterprise Application Integration

12. **Does the Trust currently have an integration engine for securely exchanging data between software systems both internally and externally?**

   Yes

13. **If yes to question 12, what is the product name?**

   Intersystems HealthConnect

14. **If yes to question 12, do you intend to change your current integration engine?**

   No

15. **If yes to question 14, when does the contract for your current integration engine end?**

   N/A

16. **If no to question 12, do you intend to purchase an integration engine?**

   N/A

17. **If yes to question 16, when do you plan to purchase it?**

18. **Who is the lead person to contact about projects of this nature? Please provide their name, email, and phone number if possible.**

   Please note that we do note routinely release staff members information for those below a band 8c role.

   The Trust therefore reserves the right to rely on exemption Section12 of the Freedom of Information Act 2000.

Data Warehouse
Our existing NHS clients must share a basic level of data with their main ICS (Integrated Care System). They have chosen a Federated Model over a single centralised data repository in a regional external HIE solution, due to the sensitivity of some patient data. In this model, they maintain their own local FHIR-based data repository on-premises and provide a reference to the file to the regional HIE.

19. **There are three main architecture patterns for delivering a Shared Care Record to share data with the ICS. Please identify the Trust's chosen option:**

   a. Centralised Model – Data is stored in a centralised, consolidated data repository. Data shared by HIE participants is normalised, housed in, and accessed from a central data repository.

   b. Federated Model (also known as Distributed Model) – Data is held at source in a decentralised manner. Each participant maintains separate control of its data, typically in special "edge servers" at its own location, and shares patient-specific data upon request from other HIE participants.

   c. Hybrid Model – A combination of a & b. Builds on the Federated Model by adding a "record locator service" that tracks where patients have received care and where their source data can be requested.

20. **Does the Trust currently have a data repository for the above requirement if selecting b or c?**

    No

21. **If yes, is it FHIR-based?**

    N/A

22. **What is the name of the product?**

    N/A

23. **Who is the supplier?**

    N/A

24. **When is the contract renewal date?**

    N/A

25. **Is the Trust looking to purchase a data repository?**

    N/A

26. **If yes, when does it plan to purchase it?**

    N/A

27. **Who is responsible for sourcing the data repository? (Please provide name, email, and phone number if possible.)**

    N/A