



FOI 3111

Date 26/06/2024

Dear Requester,

Thank you for your Freedom of Information request. Please note, this is a cross-site response for Bedford site and Luton site.

You asked:

Medical Device Integration

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

We have not undertaken this assessment as a Trust. We are working towards achieving HIMSS EMRAM Level 5, we do not currently have a date by which this will be achieved.

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.

Nervecentre

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

2025

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

No

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)?

Yes

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?

Yes



- 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.**

Exemption applied under section 40(2) – Personal Data

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 HealthShare Health Connect

- 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?**

2025

- 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?**

N/A

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

Exemption applied under section 40(2) – Personal Data

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:**

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.

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

Yes

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

Yes – HL7



22. What is the name of the product?

Healthshare

23. Who is the supplier?

Intersystems

24. When is the contract renewal date?

2025

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

No

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

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Yours sincerely,

FOI Officer

Bedfordshire Hospitals NHS Foundation Trust